165806

FEDERAL ON-SCENE COORDINATOR'S REPORT

FOR

WACH'S LANDFILL

WEST NEWTON, WESTMORELAND COUNTY, PENNSYLVANIA

APRIL 7, 1987 THROUGH JANUARY 14, 1988

UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY

FACTS SHEET

Wach's Landfill
West Newton Twp., Westmoreland Co., PA
Federal On-Scene Coordinator's Report

TABLE OF CONTENTS

PROJECT #159

REGION III
CERCLA REMOVAL ACTION

FACTS SHEET

SITE:	Wach's Landfill
SIZE:	Approximately 69 acres
LOCATION:	West Newton Township, Westmoreland County, Pennsylvania
APPROVAL DATE:	March 11, 1987
PROJECT DATES:	April 7, 1987 through January 14, 1988
DESCRIPTION:	The Wach's Landfill Site was located in a rural/ residential area. Approximately 200 drums were discovered at the base of the slope of the landfill. The drums were overpacked, numbered, sampled and staged according to class (solid, liquid); contaminated soils were excavated, drummed and staged for disposal.
HAZARDOUS MATERIAL:	Xylenes, toluene, ethyl benzene and heavy metals
QUANTITIES REMOVED:	61 drums of flammable solids/sludges; 20 drums of flammable Bi-phase; 40 drums flammable organic liquids; 1 drum base neutral liquid; 5 drums base neutral solids; 9 drums of contaminated soils; 1 drum contaminated clothing; a total of 137 drums.
OSCs:	Jack L. Downie, Vickie Province
REMOVAL CONTRACTOR:	O.H. Materials, Inc. (OHM)
DISPOSAL LOCATION:	ThermalKEM, Rock Hill, SC
PROJECT CEILING:	$400,795
PROJECT COST:	$190,499 (Estimated)
COMMENTS:	

Jack L. Downie

Jack L. Downie, OSC

Wach's Landfill
West Newton Twp., Westmoreland Co., PA
Federal On-Scene Coordinator's Report

FOREWORD

This report is submitted in accordance with procedures outlined in the National Oil and Hazardous Substance Pollution Contingency Plan (NCP). The primary objective of the Plan is to provide a coordinated Federal response capability at the scene of an unplanned or sudden discharge of oil or hazardous substances that poses a threat to the public health or the evironment. In addition, to provisions of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) promote a coordinated Federal, State and local response to mitigate situations at hazardous waste sites which pose an imminent hazard to public health, providing a legal basis for Federal response activities. The provisions of the National Contincency Plan were implemented by the Environmental Protection Agency, Region III, Philadelphia, Pennsylvania.

The effort in this Federal Removal Project was well-coordinated, allowing for a timely and efficient cleanup, which mitigated a major environmental fire and explosion threat.

Jack L. Downie

Jack L. Downie
On-Scene Coordinator
U.S. EPA Region III
Wheeling, WV Field Office

Wach's Landfill
West Newton Twp., Westmoreland Co., PA
Federal On-Scene Coordinator's Report

I. INTRODUCTION

A. Initial Situation and Nature of the Incident

At the time of this removal Wach's Landfill was an active facility used for solid waste landfilling, junk storage and metal recycling operations. The landfill operated under a PADER permit for solid wastes.

During Hurricane Agnes in 1972, drums were observed floating down Little Sewickly Creek, which ran adjacent to the site. It was reported that most of the drums were pulled from Little Sewickly Creek during the hurricane, and these drums were located on the Wach's Landfill property.

PADER notified EPA Region III about the site in June, 1986. Following a site assessment in November, 1986, it was determined that the drums contained flammable material and that a substantial threat from fire/explosion existed.

B. Site Location

The Wach's Landfill Site was located in a rural/residential area in West Newton Township, Westmoreland County, Pennsylvania. The site was located along Road #1 and was bordered on the north by a community of approximately ten residences. The closest residence was located approximately 200 yards from the drum area, with two other residences also in close proximity to the site. The site was unfenced, and neighborhood children had been observed on numerous occasions walking through the site area. Site maps are located in Appendix A of this report.

C. Efforts to Obtain Potential Responsible Party Cleanup

On April 8, 1987, OSC Vickie Province informed Mr. Samuel Wach, owner of the Wach's Landfill Property, that, by virtue of his ownership and the location of the drums at the time of the removal action, he was being considered as a Potential Responsible Party (PRP) and asked Mr. Wach if he would be willing to undertake the removal action. Mr. Wach declined to take any action due to his claim that the drums were brought into his property's floodplain by the hurricane, but informed OSC Province that he would cooperate in any way possible. He also informed OSC Province that he was financially incapable of undertaking the removal action.

Copies of all potential responsible party correspondence are included in this report in Appendix N.

II. ROSTER OF AGENCIES, ORGANIZATIONS AND INDIVIDUALS, Wach's Landfill, West Newton Township, PA

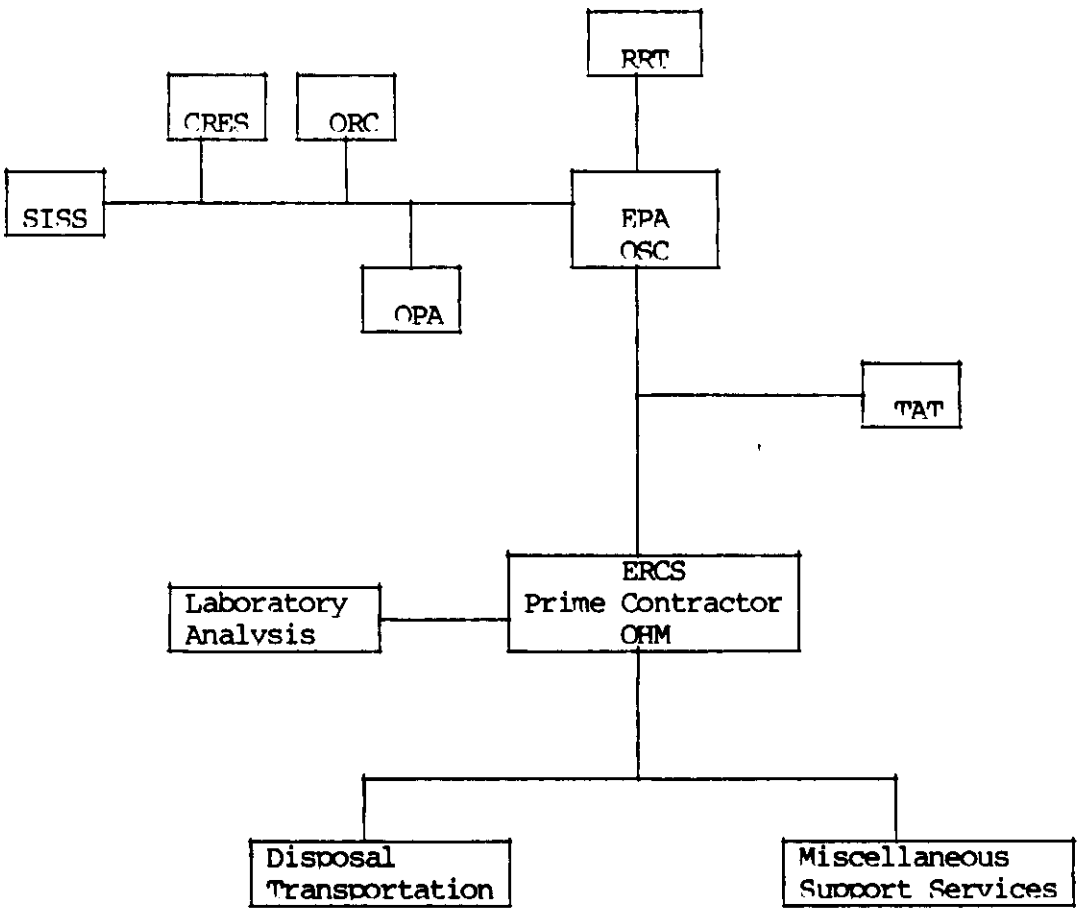
AGENCY	CONTACT	BRIEF DESCRIPTON OF DUTIES
U.S. Environmental Protection Agency 841 Chestnut Building Philadelphia, PA 19107 (215) 597-9800	Vickie Province	Federal On-Scene Coordinator; assisted OSC Downie.
	Ann Cardinal	Office of Pubic Affairs; coordinated all public relations for the site.
U.S. Environmental Protection Agency 303 Methodist Building 11th and Chapline Streets Wheeling, WV 26003 (304) 233-9831	Jack L. Downie	Federal On-Scene Coordinator; responsible for the overall success of the project.
	Paula Curtin	Field Administrative Specialist; assisted OSC with on-site administrative support.
Pennsylvania Department of Environmental Resources (PADER) Armburst Professional Center RD#2 Box 603-C Greensburg, PA 15601	Stanley Whitsel Gale Campbell	Initial site investigation and referral; advised OSC regarding background, site monitoring and follow-up.
Roy F. WESTON, Inc. SPER Division 53 Haddonfield Road, Suite 306 Cherry Hill, NJ 08002 (609) 482-0222	Michael Wilson Lynn Wilder Paul Ludwig John DeMelas Rich Habrukowich	Provided container sampling, site safety, photographic documentation, field screening and disposal options.
O.H. Materials (OHM) P.O. Box 551 Findlay, OH 45839 (800) 537-9540	James Horn, Response Manager	ERCS prime contractor; provided manpower and materials for the project and analysis for all samples.

II. ROSTER OF AGENCIES, ORGANIZATIONS AND INDIVIDUALS, Wach's Landfill, West Newton Township, PA

AGENCY	CONTACT	BRIEF DESCRIPTON OF DUTIES
O.H. Materials, Inc. 16406 U.S. Route 224E P.O. Box 551 Findlay, OH 45839-0551 (419) 423-3526	Thomas Gran	Provided compatibility analysis.
Martel Laboratory Services 1025 Cromwell Bridge Road Baltimore, MD 21204 (301) 825-7790	Robert Edwards	Provided drum sample analysis.
Dart Trucking Company 61 Railroad Street, P.O. Box 89 Canfield, OH 44406 (216) 533-9841	Ben Hubbard Merle Culley	Provided transportation of wastes to final disposal.
Chem Freight Company 6600 Bessemar Avenue Cleveland, OH 44127 (216) 341-2500	Robert Hlad	Provided transportation of wastes to final disposal.
ThermalKEM, Inc. Route 5, Vernesdale Road P.O. Box 2664, C.R.S. Rock Hill, SC 29731-2664 (803) 324-5310	Mary Sue Keasler	Facility for final disposal.

Wach's Landfill
West Newton Twp., Westmoreland Co., PA
Federal On-Scene Coordinator's Report
ROSTER OF AGENCIES, ORGANIZATIONS AND INDIVIDUALS (continued)

A. Organization of the Response



B. Glossary of Abbreviations

CRES	CERCLA Removal Enforcement Section
EPA	U.S. Environmental Protection Agency
ERCS/OHM	O.H. Materials, Inc.
OPA	U.S. EPA Region III, Office of Public Affairs
ORC	U.S. EPA Region III, Office of Regional Counsel
OSC	U.S. EPA Region III, Federal On-Scene Coordinator
PADER	Pennsylvania Department of Environmental Resources
RRT	Regional Response Team
SISS	Site Investigation and Support Section
TAT	Technical Assistance Team (Roy F. Weston, Inc.)

III. NARRATIVE OF EVENTS

Wach's Landfill covered 69 acres, of which two acres were actually used for landfilling, junk storage and metal recycling operations. The landfill area operated under a PADER permit for solid wastes. During Hurricane Agnes in 1972, drums were observed floating down Little Sewickly Creek and eventually into the Youghiogheny River. According to the property owner, most of the drums were pulled from the Little Sewickly Creek and were then located on the Wach's Landfill property. Drums were also washed onto an adjacent property.

On November 18, 1986, members of the Roy F. Weston Technical Assistance Team TAT) Region III visited the site and observed three major drum areas. The first area contained 10 to 15 drums, all unlabeled and in poor condition, containing paints and located along the main landfill access road. The second area contained approximately 95 drums, most in fair condition with some leaking at the time of the assessment. HNU readings of up to 35 units/ppm were recorded in the air surrounding the drums in the second area. The third drum area was located on the property adjacent to the Wach's Landfill property. According to PADER, the adjacent property belonged to a Mr. Ray, whose address and whereabouts remained unknown through the duration of the project. This area consisted of approximately 50 drums scattered throughout Little Sewickly Creek's floodplain. All drums in this area were in poor condition with approximately 25 drums containing material. HNU readings of up to 950 units/ppm were measured in the open drums.

The reported origin of these drums was Swank's Landfill, located three miles to the north (upstream) of the Wach's property. The property was surveyed by PADER and SISS. Numerous empty, rusting and intact drums were observed along Little Sewickly Creek. At the time of the survey, the drums were inaccessible for sampling. The property owner is now deceased. At the time of the site assessment, the Wach's Landfill Site was not recommended for inclusion on the National Priorities List (NPL).

Analytical data from the assessment revealed that five of the six drums sampled contained material with a flashpoint below 140°F, with one drum with a flashpoint as low as 39°F. PADER concurred that the drummed materials could be classified as a RCRA waste based on the flammability analysis, and therefore constituted a hazard to public health based on the high potential for fire and/or explosion.

In May of 1984, PADER conducted an inspection of the site and referred the site to EPA SISS. EPA SISS conducted a site assessment in October 1984, followed by a FIT inspection in November of 1984. Both assessments revealed organic and inorganic contamination. As a result, the site was referred to the U.S. EPA Emergency Response Section (ERS) in March of 1985. PADER indicated that State resources were not adequate to address the situation. It was determined that without the approval of CERCLA funding, no timely response action would be taken.

Based on the concurrence by PADER, an Action Memorandum for a Removal Action was prepared and subsequently submitted by the OSC. Funding for the project was approved on March 11, 1987 for sampling, overpacking, staging and disposal of all drummed materials and contaminated soils. The OSC issued a delivery order to ERCS on March 23, 1987 at 1600 hours.

Mobilization of TAT and ERCS began on April 7, 1987. ERCS commenced preparation of operations and staging areas on April 8, 1987 at 0945 hours. ERCS cleared an access path to the main drum area (Area #2) at 1015 hours. (See site sketch in Appendix A.) At this time, OSC Province gave verbal notice to the property owner (0920 hours) of EPA intent to clean up the site. The property owner, Mr. Samuel Wach, indicated that he did not have the resources to take over the cleanup.

At 1420 hours, ERCS prepared equipment for overpacking operations. The OSC, TAT and ERCS discussed the best method of addressing drums. It was concurred that all drums would be overpacked, sampled, then numbered for staging. TAT prepared a methodology for field screening of each sample to determine the best method for drum staging. TAT was also designated as Site Safety Officer.

On April 9, 1987, ERCS began overpacking operations under the direction of the OSC. TAT initiated continuous downwind air monitoring during overpacking operations which continued throughout the day. At 1220 hours, TAT entered the exclusion zone to begin drum sampling, screening and numbering.

On April 10, 1987, operations moved to the upper drum area (Area #1). TAT provided air monitoring and surveyed Area #3 to determine the number of drums to be overpacked. At 1225 hours, ERCS completed overpacking the drums in Area #1. At 1440 hours, ERCS began moving empty overpack drums to Area #3 and transported overpacked drums from Area #1 to the temporary staging area for sampling. TAT resumed sampling and screening of drum samples. At 1500 hours, PADER representatives Stanley Whitsel and Gale Campbell arrived on scene and were updated by the OSC on the site situation. Mr. Whitsel requested a letter summarizing site activities and final disposal following completion of the removal. The OSC extended the workday to facilitate sampling and field screening of samples. ERCS completed all overpacking and began moving overpacked drums from Area #3 to the temporary staging area at the end of the workday.

Operations resumed at 0810 hours on April 11, 1987. ERCS completed moving the last overpacked drums to the temporary staging area. TAT resumed drum sampling and field screening. At the request of the OSC, ERCS enlarged the main staging area and purchased plastic liners to cover the staging area. OSC Province directed ERCS to aid TAT with the drum sampling and TAT briefed ERCS on the sampling plan. At 1230 hours, TAT and ERCS resumed sampling. TAT specified drums which required remote opening. ERCS opened the indicated drums using a brass drum punch installed on the drum grappler. The OSC again extended the workday to facilitate the drum sampling. At 1700 hours, ERCS began lining the staging area with plastic sheeting. As of 2000 hours, all sampling was completed and all samples were logged. To date, 126 drums had been sampled.

At 0800 hours on April 12, 1987, ERCS began to stage the numbered drums in the plastic-lined staging area to which TAT provided oversight. Drums were staged based on results of the sample screening process and characteristics (liquid, solid, sludge). ERCS began decontaminating equipment after all drums were staged; TAT sampled soils in the former drum areas and informed ERCS where scraping was needed. ERCS scraped soils from the upper former drum area and placed the soil in overpack drums to be staged. All contaminated clothing was treated similarly. The OSC extended the workday to facilitate demobilization of ERCS equipment. By the end of the workday, the drum grappler had been demobilized and personnel began preparing for completion of the removal phase of the project.

On April 13, 1987, demobilization of equipment continued. ERCS scraped all contaminated soils from the lower former drum areas, overpacked the soils and staged them, bringing the total number of drums to 137, including nine soil and two clothing drums. The staging area was fenced by ERCS and secured. EPA OSC Province and TAT demobed at approximately 1130 hours, leaving one TAT member to monitor the demobilization of ERCS and the command post. The site was completely demobilized at 1700 hours, April 13, 1987.

On January 11, 1988, site operations resumed. EPA, TAT and ERCS personnel mobilized to the site to complete the removal action. EPA OSC Representative Paula Curtin notified the property owner (Samuel Wach) of the resumption of removal activities. OSC Representative Curtin also notified PADER representative (Stan Whitsel) of EPA operations at the site. EPA, TAT and ERCS personnel walked through the site and discussed the most efficient method of removing the previously staged drums.

On January 12, 1988, the disposal phase began. ERCS personnel removed brush and debris from around the drum staging area to make room for the transport of trucks which would arrive January 13, 1988. Clearing of debris was temporarily halted due to a flat tire on the ERCS backhoe. TAT and ERCS personnel examined the staged drums for structural integrity; drums #09 and #086 were found to be leaking. ERCS personnel repackaged the two leaking drums and scraped the areas of stained soil. ERCS placed apropriate placard stickers on drums found to contain flammable material to prepare the drums for transport. ERCS tightened the tops of all the drums.

At 0800 hours on January 13, 1988, ERCS prepared for the arrival of the drum transport trucks. The bridge at the entrance to the site was checked by EPA, ERCS and the property owner for structural integrity and was found to be satisfactory. At 0845 hours, the three transport, semi-trailers arrived at the site and were backed into position to receive the drums. ERCS repackaged drum #027 and loaded all of the drums onto the trailer by category. All drums placarded "FLAMMABLE" were segregated into one truck.

At 1140 hours, truck #1 left the site for the disposal facility (ThermalKEM, SC). PADER Stan Whitsel arrived at the site at 1230 hours to monitor site operations. ERCS scraped the former drum staging area to collect the plastic lining material. This material and several empty crushed drums were disposed of on the on-site landfill under PADER approval and supervision. At 1430 hours, trucks #2 and #3 leaft the site for ThermalKEM.

At 1445 hours, January 13, 1988, all site operations were completed and the project's scope of work finished. EPA, TAT and ERCS personnel demobed the site at 1455 hours that date.

IV. RESOURCES COMMITTED

A. Initial Funding Request

Funding was approved by Regional Administrator James M. Seif on March 11, 1988 for drum sampling, overpacking, staging and disposal. The request granted a ceiling in the amount of $400,795.

B. Total Cost Summary (Estimated)

1. Extramural

ERCS (Prime Contractor)		$149,870.78
Labor	$26,805.65	
Equipment	20,444.29	
Materials	16,204.12	
Subcontractors	25,321.72	
Transportation/Disposal	61,095.00	
TAT		10,350.00
Extramural Subtotal		$160,220.78

2. Intramural

EPA Regional	$ 4,650.00
EPA Headquarters	25,629.00
Intramural Subtotal	$ 30,279.00

TOTAL PROJECT COST (Estimated)	$190,499.78

PROJECT CEILING: $400,795

Wach's L .ill
West Newton Twp., Westmoreland Co., PA
Federal On-Scene Coordinator's Report
RESOURCES COMMITTED (Continued)

C. Chronological Expenditure Log

Day	Date	EXTRAMURAL							INTRAMURAL		Daily Total Costs	Total Costs to Date	Project Ceiling
		ERCS Prime Contractor, O.H. Materials*											
		Labor	Equipment	Materials	Subs	T&D	Daily Cost	TAT	EPA Region	EPA HQ			
1	03/24/87	$ 1,807.64	$ 134.00	$ -0-	$ -0-	$ -0-	$ 1,941.64	$ 600	$ 600	$ 1,601	$ 4,742.64	$ 4,742.64	$400,795
2	04/07/87	1,800.92	1,188.41	322.92	-0-	-0-	3,312.25	925	300	1,602	6,139.25	10,881.89	
3	04/08/87	3,240.21	3,380.26	20.24	171.72	-0-	6,812.43	1,388	490	1,601	10,291.43	21,173.32	
4	04/09/87	3,061.33	2,906.03	131.08	522.72	-0-	6,621.16	1,268	430	1,602	9,921.16	31,094.48	
5	04/10/87	2,489.51	2,731.25	9,583.26	1,733.40	-0-	16,537.42	1,268	430	1,601	19,836.42	50,930.90	
6	04/11/87	3,009.39	2,953.91	450.43	70.20	-0-	6,483.93	1,268	430	1,602	9,783.93	60,714.83	
7	04/12/87	4,034.12	3,918.96	-0-	43.20	-0-	7,996.28	1,268	430	1.602	11,296.28	72,011.11	
8	04/13/87	2,628.03	1,346.35	5,140.80	-0-	-0-	9,115.18	1,105	430	1,602	12,252.18	84,263.29	
9	05/05/87	-0-	-0-	-0-	15,105.00	-0-	15,105.00	-0-	-0-	1,602	16,707.00	100,970.29	
10	05/26/87	-0-	-0-	-0-	1,574.51	-0-	1,574.51	-0-	-0-	1,602	3,176.51	104,146.80	
11	10/13/87	-0-	-0-	-0-	4,365.00	-0-	4,365.00	-0-	-0-	1,602	5,967.00	110,113.80	
12	10/31/87	-0-	-0-	-0-	113.70	-0-	113.70	-0-	-0-	1,602	1,715.70	111,829.50	
13	01/11/88	1,301.50	443.50	-0-	616.46	-0-	2,361.46	370	370	1,602	4,703.46	116,532.96	
14	01/12/88	1,299.50	305.86	321.25	387.22	-0-	2,313.83	370	370	1,602	4,655.83	121,188.79	
15	01/13/88	1,558.00	1,098.76	234.14	561.42	61,095	64,547.32	370	370	1,602	66,889.32	188,078.11	
16	01/14/88	575.50	37.00	-0-	57.17	-0-	669.67	150	-0-	1,602	2,421.67	190,499.78	
Totals		$26,805.65	$20,444.29	$16,204.12	$25,321.72	$61,095	$149,870.78	$10,350	$4,650	$25,629		$190,499.78	$400,795

*Cost estimates performed on site and tracked against total project ceiling. Final invoiced costs may differ.

V. EFFECTIVENESS OF THE REMOVAL

A. Activities of Various Agencies

1. Potential Responsible Parties

There were two potential responsible parties (PRPs) associated with this incident. The first, Mr. Samuel Wach, property owner of the Wach's Landfill, was considered a PRP due to his ownership of the property at the time of the disposition of the drums onto the site as well as his ownership of the property at the time of this removal action. The OSC met with Mr. Wach and informed him of the removal activities and his PRP status. Mr. Wach declined to participate in the removal, but was present on site and remained cooperative during the entire project.

The second potential responsible party involved in this incident was the owner of the adjacent property, a Mr. Ray, whose address and whereabouts remain unknown at the time of this writing as attempts by EPA/ORC and PADER to locate Mr. Ray have been unsuccessful to date.

2. State and Local Forces

State agencies participated in the Wach's Landfill Removal Action. PADER was present during all assessments at the site and coordinated site status and activities with the OSC. PADER also aided in the attempts to locate the owner of the adjacent property, and periodically monitored the status of the staging area to ensure that it remained secure.

3. Federal Agencies and Special Forces

Jack L. Downie and Vickie Province were the Federal On-Scene Coordinators for this project. It is the responsibility of the OSC to ensure a timely and cost-effective completion to a removal action.

EPA OPA and CRES provided expert assistance on a continual and expedient basis.

A. Activities of Various Agencies (continued)

4. Contractors

The Spill Prevention and Emergency Response (SPER) Division of Roy F. WESTON, Inc. provided personnel from the Technical Assistance Team (TAT). TAT provided assistance to the OSC in drum sample planning and implementation; sample screening; soil sampling, site safety and contractor monitoring; as well as photographic, operations and cost documentation.

O.H. Materials, Inc. (OHM) served as the ERCS prime removal contractor responsible for the actual cleanup of the site by providing the necessary personnel, equipment and materials. OHM coordinated drum overpacking activities, soil excavation and staging. OHM also coordinated transportation and disposal.

B. Disposal Methods and Quantities Removed

Examination of the drums early in the removal action revealed that most of the drums were in fair to poor condition. TAT recommended overpacking the drums in place to minimize potential spillage of material and thereby minimize any soil contamination generated by the overpacking operations.

Analysis of the drummed materials revealed low flashpoints for many of the drums. Of the 137 drums, 121 were shown to have flammable material, both solids and liquids.

Off-site incineration was recommended by TAT for the final disposal of the drums since off-site treatment of the materials would have been more costly. The character of some of the materials would also have made off-site treatment more technically difficult.

All 137 drums were transported to ThermalKEM in Rock Hill, South Carolina for high-temperature incineration.

VI. CHRONOLOGY OF EVENTS

This section presents the reader with a brief summary of the major daily events as they occurred at the Wach's Landfill Site. A more detailed description can be found in Appendix C (POLREPs) of this report.

05/28/84 PADER conducted an inspection of the site.

10/09/84 EPA SISS conducted a preliminary assessment of the site. Drum samples showed high organic vapor readings using HNU photoionizer.

11/14/84 FIT conducted an assessment revealing organic and inorganic contamination.

3/15/85 EPA SISS referred site to EPA ERS.

6/18/86 PADER contacted EPA/ERS and requested a site assessment.

11/18/86 EPA/TAT conducted site assessment identifying s ignificant threat of fire and/or explosion due to 5 of 6 drums screened having a flash-point below 140°F, with one as low as 39°F.

12/05/86 Analytical results from removal assessment were received. Results showed low flashpoints (below 140°F) in five of the six drums sampled and high levels of organic compounds and heavy metals.

03/01/87 An Action Memorandum was completed and submitted to Regional Concurrence for approval.

03/11/87 The Regional Administrator approved funds for a Removal Action at the Wach's Landfill Site. OSC alerted ERCS of possible site activity.

03/23/87 OSC issued delivery order to ERCS for mobilization and informed PADER of funding approval.

03/24/87 OSC, TAT, PADER and ERCS arrived at Wach's Landfill Site for walk-through inspection. OSC informed property owner (Mr. Samuel Wach) of EPA intent to initiate a removal action starting April 8, 1987.

04/07/87 OSC, TAT and ERCS mobilized to site; operations to begin next day.

04/08/87 Removal operations began. Property owner (Mr. Wach) on scene. Equipment arrived. OSC contacted Township Supervisors (Tom Troupe and George Fullner) and notified them of EPA Removal Action. ERCS began overpacking drums in lower drum area (Area #1).

Wach's Landfill
West Newton Twp., Westmoreland Co., PA
Federal On-Scene Coordinator's Report
CHRONOLOGY OF EVENTS (Continued)

04/09/87 ERCS completed Area #1, began overpacking in Area #2. TAT began drum sampling and field screening of samples.

04/10/87 ERCS moved overpacked drums to sampling area, began overpacking drums in Area #3. TAT continued sampling and sample screening. TAT Leader Richard Habrukowich on scene for site inspection.

04/11/87 ERCS completed overpacking drums in Area #3, transported drums to sampling area. ERCS and TAT completed drum sampling and sample screening. Staging area lined and bermed.

04/12/87 ERCS secured all overpack lids, transported drums to staging area. TAT sampled soils in former drum areas. ERCS scrapes contaminated soils in Area #1. Drum grappler demobed.

04/13/87 ERCS scraped contaminated soils in lower areas, decontaminated equipment, secured staging area. OSC, TAT and ERCS demobed site. Drums, soils left staged on site awaiting disposal.

04/28/87 OSC received ERCS analytical data and sample classifications for final disposal. OSC directed ERCS to perform analyses to determine "best" method for final disposal.

01/11/88 EPA, TAT and ERCS remobilized to site to begin drum disposal operations; PADER and property owner were notified of startup. EPA, TAT and ERCS inspected drum staging area and conferred on the most efficient method of loading drums for transport to the disposal facility.

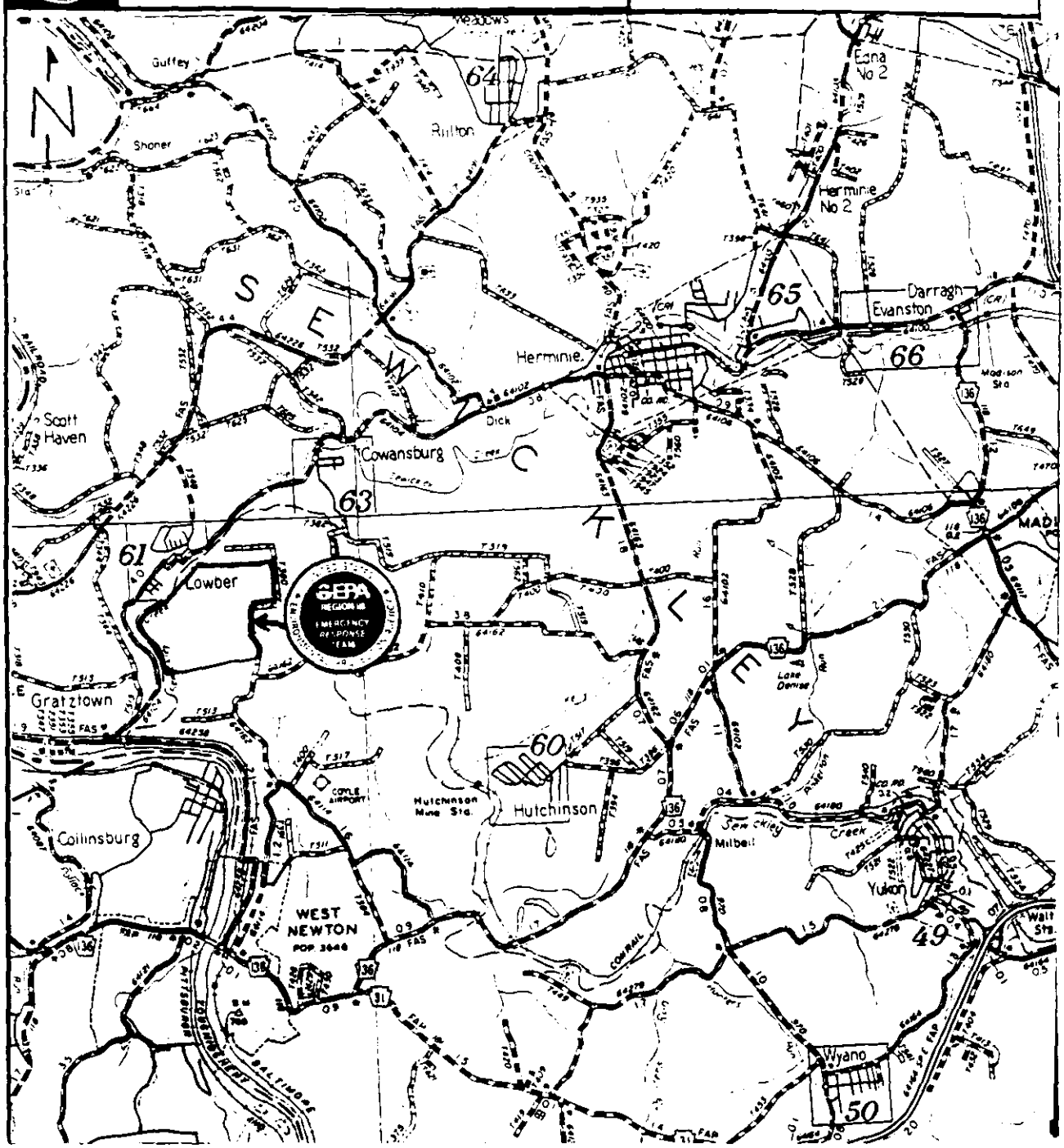
01/12/88 ERCS removed fencing and brush from around drum staging area and removed junk vehicles from the drum staging area access road. TAT and ERCS inspected all staged drums and former drum areas. Former drum areas were clear. Staged drum nos. 09 and 086 were found to have lost integrity and were leaking. ERCS removed the drum staging area berm and repackaged drum nos. 09 and 086 and placed appropriate placarding for transportation. ERCS retightened all drum lids.

01/13/88 EPA, TAT and ERCS inspected bridge at site entrance for stability. Transport trailers arrived on scene and moved into position for drum loading. ERCS loaded all flammable drums onto a separate truck. All trucks left the site at 1430 hours. All removal operations completed. EPA, TAT and ERCS initiated final site demobe.

WESTON • SPER

TDD Number: -

PCS Number: 1157



WACHS LANDFILL, WEST NEWTON, PA.

MAP SCALE

0 2 MILES

ENLARGEMENT SCALE

0.1 0 0.2 MILE

AR100068

WESTON
MANAGERS DESIGNERS CONSULTANTS

SHEET 1 of 1

CLIENT/SUBJECT U.S. EPA / Wachs LF W.O. NO.

TASK DESCRIPTION Non-Scalar Site Map TASK NO. 1157

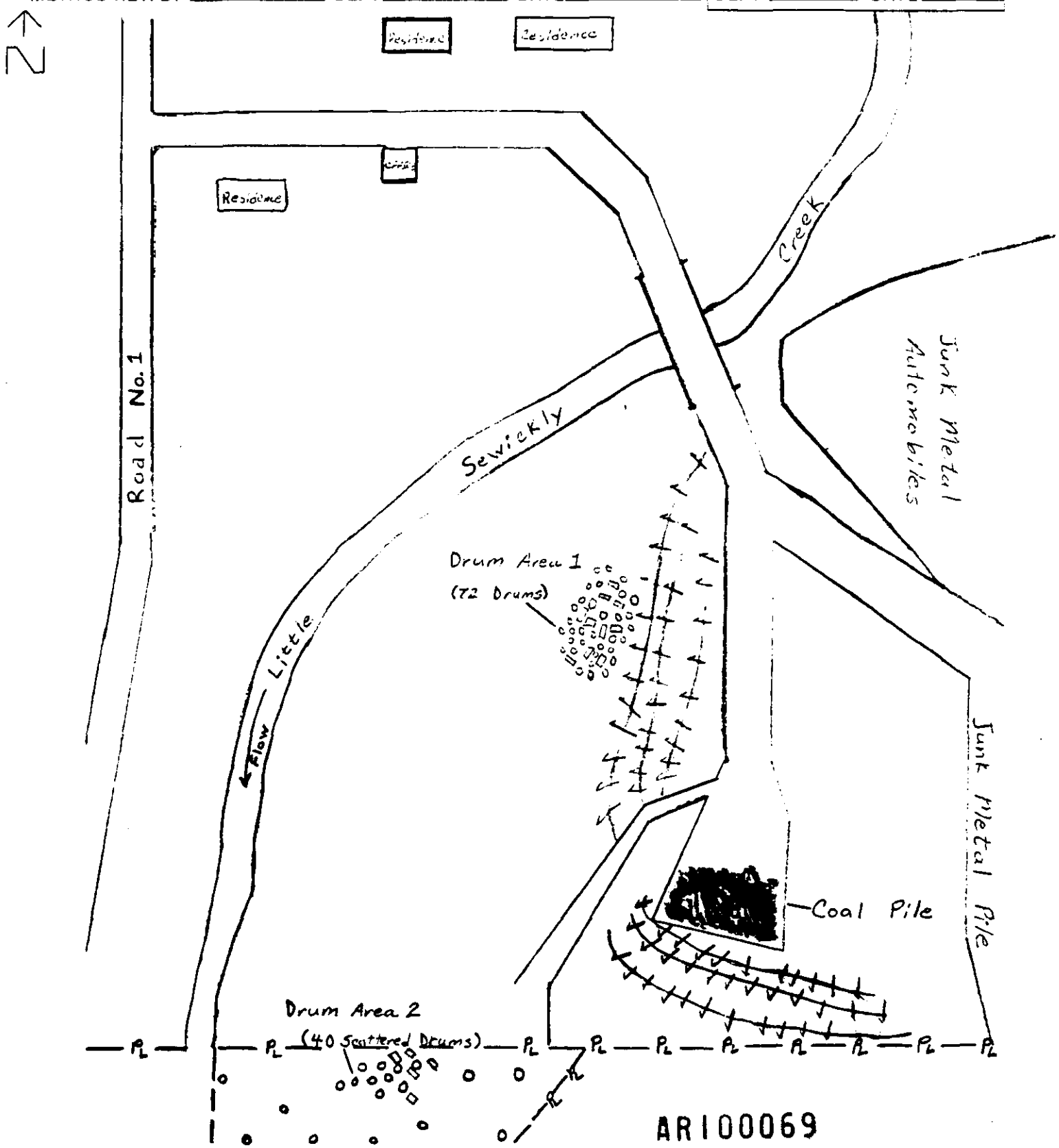
PREPARED BY MW DEPT 1060 DATE

MATH CHECK BY DEPT DATE

METHOD REV. BY DEPT DATE

APPROVED BY

DEPT DATE



AR100069

RFW 10-05-003/A-5/85

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

SUBJECT: Request for Funding for CERCLA Removal Action at Wach's Landfill, West Newton Township, Westmoreland County, Pennsylvania

DATE: MAR 1 1 1987

FROM: James M. Seif
Regional Administrator (3RA00)

TO: Dr. J. Winston Porter, Assistant Administrator
Solid Waste Emergency Response (WH-562-A)

ISSUE

The attached CERCLA Funding Request pertains to the Wach's Landfill, West Newton Township, Westmoreland County, Pennsylvania.

Removal operations are necessary to eliminate the potential threats to public health and the environment due to the presence of leaking drummed materials at the site.

Pursuant to Delegation of Authority 14-1-A (4/16/84), which authorizes the Regional Administrator to approve CERCLA removal actions with a total cost of less than $1,000,000 and approve exemptions to the six-month removal limit, I have approved $400,795 of which $307,500 is for contractor costs for removal operations.

Attachments

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

SUBJECT: Removal Request for the Wach's Landfill, West Newton Township, Westmoreland County, PA

DATE: MAR 6 1987

FROM: Jack L. Downie, On-Scene Coordinator
Emergency Response Section (3HW22)

TO: James M. Seif
Regional Administrator (3RA00)

THRU: Stephen R. Wassersug, Director
Hazardous Waste Management Division (3HW00)

I. PURPOSE

This is a removal request for funding to initiate a removal action at the Wach's Landfill, Westmoreland County, PA. This site contains materials actively leaking from deteriorating and open drums, approximately 200 in number, on the surface of the site. The site is directly accessible by the public. The requested funds in the amount of $400,795 will be used to remove the drummed materials and any contaminated soil. This will mitigate the environmental threat posed by this site.

II. BACKGROUND

Wach's Landfill is located on Road #1 in the township of West Newton, Westmoreland County, PA, in a rural/residential area. There are three private residences in close proximity to the site, approximately as close as 200 yards.

Wach's Landfill is an active facility used for solid waste landfilling, junk storage and metal recycling operations. The landfill area operates under a PADER permit for solid wastes and covers 69 acres, of which 2 acres are used for landfilling and metal storage/recycling operations. Wach's Landfill is currently not an NPL site.

During Hurricane Agnes in 1972, drums were observed floating down Little Sewickly Creek, which runs adjacent to the site, and eventually into the Youghiogheny River. It is reported that most of the drums were pulled from Little Sewickly Creek during the hurricane, and these drums are now located on the Wach's Landfill property.

Wach's Landfill is not currently on the National Priorities List (NPL), nor is it anticipated to be recommended for inclusion.

III. THREAT

Wach's Landfill meets the criteria for removal action under the National Contingency Plan (50 Federal Register 47971; to be codified at 40 CFR 300.65), in that there is a potential threat to public health or welfare and/or the environment based upon factors (i) and (iv) of subpart (b)(2) as follows:

(i) Actual or potential exposure to hazardous substances by nearby populations, animals or food chain.

(iv) High levels of hazardous substances largely at or near the surface that may migrate.

Drums are both aggregated and scattered over a wide area which is unsecured. Many of the drums are deteriorated or leaking, and some had been previously opened by spiking, possibly contaminating soils in the area.

During the initial assessment, organic vapor readings between 250 units and 950 units (with 1 unit approximately equal to 1 part per million/ppm) were measured in the open drums, and readings between 0 units and 35 units were measured in the air around the drums.

Removal assessment analytical data has shown that 5 of the 6 drums screened have material with a flashpoint below 140°F, with one drum having a flashpoint as low as 39°F. The potential threat to public health from the drums is great due to the significant hazard of fire and/or explosion from the drum contents. PADER concurs that the drummed materials can be classified as RCRA waste based on the flammability analysis, and therefore constitute a hazard due to fire and/or explosion. The table below is a summary of analysis from the TAT site assessment conducted November 18, 1986. All results are in ppm.

Drum #	Flash Point (°F)	Benzene	Xylene	Toluene	Lead
WLDRØ1	160	440	6,500	ND	9,100
WLDRØ4	64	285	94,000	55,000	19,400
WLDRØ5	56	390	230,000	150,000	1,270
WLDRØ7	56	420	350,000	52,000	16
WLDRØ8	<40°F	690	190,000	94,000	144
WLDRØ9	116	600	2,500	55,000	30

IV. PROPOSED PROJECT AND COSTS

The proposed project would assume that, based on data from previous assessments, all containers on the site are hazardous and will be evaluated after screening. The project will include sampling of drums and soils in the drum areas to determine drum contents and if leaking materials have contaminated soils.

Conditions of the area dictate that containers be freed from surrounding debris and overpacked, if necessary, before transport to the predesignated staging area.

Every effort will be made to ensure that drummed liquids will be taken off the site for incineration to comply with RCRA disposal regulations. All soils will be treated on the site by aeration and pH adjustment to ensure that all metals will be immobilized.

1. Extramural	
ERCS (labor, equipment, material, subcontract, drum characterization/staging, soil sampling, soil excavation; 21 days @ $7,500/day)	$157,000
Analytical	
150 drums samples @ $400/sample	60,000
50 soil samples @ $100/sample	5,000
Transportation/Treatment/Disposal	
150 drums @ $500/drum (loaded rate)	75,000
app. 20 cu. yd. soil @ $500/$yd^3$ (loaded rate)	10,000
ERCS Subtotal	$307,500
TAT (2 personnel, 21 days)	$ 25,000
USCG/AST (2 personnel, 21 days)	3,500
Extramural Subtotal	$336,000
2. Intramural	
EPA (21 days, loaded rate)	
OSC	4,725
AFS	3,465
OPA	4,305
Intramural Subtotal	$ 12,495
Project Subtotal	$348,495
15% - EPA HQ	52,300
ESTIMATED PROJECT TOTAL	$400,795

V. ENFORCEMENT

Due to the circumstances surrounding the incident, PADER is not pursuing the property owner as a potential responsible party.

Due to the same extenuating circumstances surrounding the site, the OSC does not intend to issue any "oral" or "written" notices to (compare CERCLA §107[b][1]) potential responsible parties (PRPs). The OSC has advised the CERCLA Enforcement Section regarding the current situation.

VI. STATE/LOCAL INVOLVEMENT

PADER has referred this site to the U.S. EPA Emergency Response Section (ERS). PADER has indicated that resources are not adequate to address this situation. Without the approval of CERCLA monies, no timely response action will be taken.

VII. PROJECT COMPLIANCE WITH REMEDIAL ALTERNATIVES

The proposed removal action will be consistent with any and all remedial alternatives that may be initiated for final site cleanup.

VIII. REGIONAL RECOMMENDATION

Because conditions at the Wach's Landfill meet the NCP Section 300.65 criteria for a Removal Action, I recommend your approval of this Removal Request. The estimated total project costs are $400,795 of which $307,500 is for the ERCS contractor.

You may indicate your approval or disapproval by signing below.

APPROVAL _____ DATE 3/11/87

DISAPPROVAL _____ DATE _____

ATTN: TOM MASSEY & TIM FIELDS

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
POTENTIAL CERCLA REMOVAL

POLREP 1

I. SITUATION: (1700 HRS, 1/14/87)

A. WACHS LANDFILL IS AN ACTIVE LANDFILL AND METAL RECYCLING FACILITY LOCATED IN WEST NEWTON TOWNSWHIP, WESTMORELAND COUNTY, PA. LANDFILL OPERATION UNDER SUPERVISION OF PA DER SOLID WASTE.

B. HEAVY RAINS FROM HURRICANE AGNES (1972) BROUGHT DRUMS DOWNSTREAM WHERE THEY WERE PULLED FROM LITTLE SEWICKLY CREEK BY THE PRESENT PROPERTY OWNER, MR. SAM WACH.

C. SITE COMPRISED OF TWO MAJOR DRUM AREAS CONTAINING APPROXIMATELY 90 AND 100 DRUMS RESPECTIVELY. SOME DRUMS ARE LEAKING OR DETERIORATED.

D. TAT ASSESSED THE SITE ON 11/18/86. AIR MONITORING INSTRUMENTS DETECTED HIGH LEVELS OF ORGANIC VAPORS IN SEVERAL DRUMS AND ABOVE BACKGROUND LEVELS OF ORGANIC VAPORS IN THE AIR NEAR THE DRUMS.

E. SAMPLE ANALYSIS SHOWED HIGH LEVELS OF XYLENE, TOLUENE, BENZENE AND LEAD IN ALL SAMPLES. PRINCIPAL IMMEDIATE HAZARD IS FIRE AND EXPLOSION DUE TO LOW FLASH POINTS OF DRUMMED MATERIALS.

II. ACTIONS TAKEN:

A. OSC, PADER AND TAT VISITED SITE ON 1/14/87 TO TALK WITH PROPERTY OWNER AND DISCUSS METHODS OF ACCOMPLISHING THE REMOVAL INCLUDING OFF SITE DISPOSAL AND ON SITE TREATMENT OPTIONS.

III. FUTURE PLANS:

A. ACTION MEMORANDUM FOR 402K TO BE SENT INTO CONCURRENCE ASAP.

B. OSC TO COORDINATE WITH PADER AND PROPERTY OWNER TO PURSUE OPTIONS FOR FUTURE LANDFILLING OF EMPTY CRUSHED DRUMS ON-SITE.

Jack Downie

JACK DOWNIE, OSC
U.S. EPA REGION III
WHEELING, WV

ATTN: TOM MASSEY & TIM FIELDS

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
POTENTIAL CERCLA REMOVAL

POLREP 2

I. SITUATION (1700 HRS. 3/16/87)

A. ACTION MEMORANDUM WAS SIGNED 3/11/87 BY REGIONAL ADMINISTRATOR.

B. ACTION MEMORANDUM TOTALS $400,795, OF WHICH $307,500 IS FOR CLEANUP CONTRACTOR COSTS, AND $93,295 IS FOR IMTRAMURAL COSTS.

C. THE SCOPE OF WORK OUTLINED IN THE ACTION MEMORANDUM CONSISTS OF:

1. CHARACTERIZATION/STAGING OF DRUMS
2. SAMPLING OF DRUMS AND SOILS FOR DISPOSAL
3. TRANSPORTATION, STORAGE AND DISPOSAL OF DRUMS AND SOIL

II. ACTIONS TAKEN:

A. OSC VICKIE PROVINCE ASSIGNED TO THE PROJECT ON 3/11/87.

B. DELIVERY ORDER WITH SCOPE OF WORK DELIVERED TO EPA/HQ FOR POSSIBLE ZONE CROSSOVER.

III. FUTURE PLANS:

A. TENTATIVE START DATE FOR REMOVAL PROJECT IS LAST WEEK OF MARCH (WEEK OF 3/23/87).

B. OSC, TAT AND ERCS TO VISIT SITE WEEK OF 3/23/87 TO DISCUSS SCOPE OF WORK FOR REMOVAL PROJECT.

V.L. Province

VICKIE L. PROVINCE, OSC
U.S. EPA REGION III
PHILADELPHIA, PA

ATTN: TOM MASSEY & TIM FIELDS

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT

POLREP 3

I. SITUATION: (1800 HRS, 3/22/87)

A. ACTION MEMO SIGNED 3/16/87.

II. ACTIONS TAKEN:

A. OSC, TAT AND ERCS VISITED SITE 3/24/87.

B. OSC DISCUSSED SCOPE OF WORK AND EQUIPMENT NEEDED WITH TAT AND ERCS.

C. OSC ATTEMPTED TO CONTACT MAYOR OF WEST NEWTON AND WEST NEWTON TOWNSHIP SUPERVISOR. ATTEMPTS TO CONTACT TOWNSHIP OFFICERS WERE UNSUCCESSFUL.

III. FUTURE PLANS:

A. TENTATIVE REMOVAL START DATE IS 4/8/87.

B. OSC TO CONTACT STATE TO INFORM OF START DATE WHEN CONFIRMED.

V.L.P.

VICKIE L. PROVINCE, OSC
U.S. EPA REGION III
PHILADELPHIA, PA

EPAOHM PHA

WU INFOMASTER 4-039530S099-001 04/09/87
ICS IPMMTZZ CSP
4129294600 DGM TDMT UG BELVERNON PA 162 04-09 0851P EST
TWX 7106700716 EPAOHM PHA
EMERGENCY RESPONSE
4218 EPA PHA

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT
POLREP #4
I. SITUATION (1900 HOURS, 4/8/87)
A. WEATHER: SUNNY, MILD, 50S.
B. PERSONNEL ON SCENE: EPA-1, TAT-3, ERCS-6.
C. COST TO DATE: EPA $300, TAT $2000, ERCS $2500.
TOTAL PROJECT CEILING $402,000.
II. ACTIONS TAKEN
A. PADER WHITSEL NOTIFIED OF START-UP. EPA, OPA AND ORC NOTIFIED OF SITE ACTIVITY.
B. EPA, TAT, ERCS MOBILIZED TO SITE THIS DATE.
C. OSC GAVE VERBAL NOTICE TO PART PROPERTY OWNER, MR JOSEPH WACH, CONCERNING POTENTIAL LIABILITY UNDER CERCLA AS AN RP.
D. ERCS CLEARED ACCESS ROAD AND PREPARED STAGING AREA.
E. OSC CONTACTED TOWNSHIP SUPERVISOR, TOM TROUPE, AND NOTIFIED OF REMOVAL ACTION COMMENCEMENT.
F. ERCS OVERPACKED 8 DRUMS FROM UPPER AREA AND TEMPORARILY STAGED FOR TRANSPORT TO SAMPLING AREA.
III. FUTURE PLANS
A. COMMAND POST TO BE MOBED 4-9-87.
B. ERCS TO CONTINUE OVERPACKING/STAGING OF DRUMS 4-9-87.
C. TAT TO SAMPLE AND SCREEN DRUMS FOR STAGING 4-9-87.
D. ERCS TO ARRANGE ANALYTICAL AND DISPOSAL.
VICKIE L. PROVINCE, OSC
US EPA REGION III
PHILADELPHIA, PA

2055 EST
^
EPAOHM PHA

AR100078

ATTN: TOM MASSEY & TIM FIELDS

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT

POLREP 5

I. SITUATION: (2000 HRS, 4/9/87)

A. WEATHER: PARTLY SUNNY, WARM, 60'S

B. PERSONNEL ON-SCENE: EPA-1, TAT-3, ERCS-7

C. REMOVAL ACTIVITIES CONTINUE. TO DATE, 80 DRUMS OVERPACKED, 19 EMPTIES FOUND, 22 DRUMS SAMPLED.

II. ACTIONS TAKEN:

A. 0430 HRS, ERCS DELIVERS 80 ADDITIONAL OVERPACKS AND 6 AIR CYLINDERS TO SITE.

B. OSC AUTHORIZED ERCS MOBILIZATION OF BACKHOE TO FACILITATE STAGING OF DRUMS.

C. ALL PERSONNEL ONSITE AT 0800 HRS. ERCS CONTINUES OVERPACKING DRUMS IN POOR CONDITION, STAGING DRUMS IN SAMPLING AREA, AND STOCK-PILING EMPTY DRUMS. 72 DRUMS OVERPACKED THIS DATE, FOR A TOTAL OF 80 TO DATE.

D. ONCE OVERPACKED, TAT BEGAN PULLING DRUM SAMPLES AND SCREENED SAMPLES FOR STAGING COMPATIBILITY. SAMPLES DELIVERED TO ERCS FOR SUBSEQUENT DISPOSAL ANALYSIS.

E. COMMAND POST DELIVERED TO SITE.

III. FUTURE PLANS:

A. ERCS TO CONTINUE OVERPACKING AND STAGING DRUMS FOR SAMPLING.

B. TAT TO CONTINUE DRUM SAMPLING AND SCREENING.

C. PHONE AND ELECTRICAL HOOKUPS TO BE INSTALLED FOR COMMAND POST ON 4/10/87.

VICKIE L. PROVINCE, OSC
U.S. EPA REGION III
PHILADELPHIA, PA

TLX II RECV CONNECTED 12-Apr-87 22:05 50

EPAOHM PHA

WU INFOMASTER 4-0103815102-001 04/12/87
ICS IPMMTZZ CSP
4129294600 DGM TDMT U6 WEST NEWTON PA 242 04-12 0905P EST
TWX 7106700716 EPAOHM PHA
EMERGENCY RESPONSE
4218 EPA PHA

WACH'S LANDFILL
WEST NEWTON, WEST MORELAND COUNTY, PA
CERCLA REMOVAL PROJECT
POLREP NO. 6.
I. SITUATION: 2100 HOURS, 4/10/87
A. WEATHER: SUNNY TEMPERATURE IN LOW 70'S
B. PERSONNEL ON SCENE EPA 1, PADER 2, TAT 3, ERCS 6
C. REMOVAL AND SAMPLING OPERATIONS CONTINUE. TO DATE, 147 DRUMS OVER PACKED, 64 EMPTIES FOUND, AND 46 HAVE BEEN SAMPLED.

II. ACTIONS TAKEN:
A. ALL PERSONNEL ON SITE AT 0800 HOURS. ERCS COMPLETES OVER PACKING OF ALL DRUMS 67 DRUMS OVERPACKED AND 45 EMPTIES STAGED THIS DATE.
B. TAT CONTINUES TO SAMPLE DRUMS FOR ERCS ANALYSIS/DISPOSAL AND FOR STAGING PURPOSES. 23 DRUMS SAMPLED THIS DATE.
C. ELECTRICAL HOOKUP FOR COMMAND POST COMPLETED THIS DATE. PHONE LINE INSTALLED FOR LOCAL SERVICE ONLY.
D. ERCS RECEIVES 100 ADDITIONAL OVERPACKS.
E. PADER WHITSEL AND CAMPBELL ON SCENE THIS DATE.
F. OSC RECEIVED VERBAL APPROVAL FROM STATE TO DISPOSE OF EMPTY DRUMS IN ON SITE LANDFILL.
G. TATL (HABRUKOWICH) ON SCENE AT 1800-1940 HOURS FOR SITE INSPECTION.
H. OSC AUTHORIZED EXTENDED WORK DAY AND SECOND EQUIPMENT OPERATOR TO FACILITATE DRUM STAGING.
I. 1930 HOURS, O-RING ON CAT 215 FAILS, SITE OPERATIONS SHUT DOWN 2000 HOURS.
III FUTURE PLANS
A. ERCS TO CONTINUE STAGING DRUMS, BEGIN CRUSHING EMPTIES, AND SCRAPING SOIL IN DRUM SPILL AREAS.
B. ERCS TO ASSIST TAT WITH SAMPLING AND PRELIMINARY SCREENING OF DRUMS.
C. TAT TO CONTINUE DRUM SAMPLING, SCREENING, CONTRACTOR MONITORING, AIR MONITORING, AND SITE SAFETY.
D. CAT 215 TO BE REPAIRED, 4/11/87, A.M.

VICKIE L PROVINCE, OSC
U.S. EPA REGION 3
PHILADELPHIA, PA

2110 EST
^
EPAOHM PHA

To: ERD/OERR (EPA5511)
To: T.MASSEY (EPA9374)
From: T.MASSEY (EPA9374) Posted: Wed 15-Apr-87 16:30 EDT Sys 63 (50)
Subject: WACHS LANDFILL

ATTN: TOM MASSEY & TIM FIELDS

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT

POLREP 7

I. SITUATION: (2100 HRS, 4/11/87)

A. WEATHER: CLOUDY, SHOWERS, 60s

B. PERSONNEL ON-SCENE: EPA-1, TAT-3, ERCS-6

C. REMOVAL OPERATIONS CONTINUE. REMAINING DRUMS OVERPACKED, AND NOW TOTAL 126. DRUM SAMPLING HAS BEEN COMPLETED. HAS BEGUN.

II. ACTIONS TAKEN:

A. CAT 215 GRAPPLER REPAIRED. ALL BULGING DRUMS OPENED REMOTELY WITH DRUM PUNCH.

B. TAT, ASSISTED BY ERCS, COMPLETES DRUM SAMPLING AND SCREENING.

C. STAGING AREA LINED WITH DOUBLE LAYER OF VISQUEEN AND SURROUNDED BY BERM AND SNOW FENCE.

D. OSC EXTENDS OPERATION HOURS IN ORDER TO COMPLETE DRUM SAMPLING.

III. FUTURE PLANS:

A. CONTAMINATED SOIL TO BE SAMPLED, EXCAVATED AND STAGED IN OVERPACK DRUMS.

B. OVERPACKED DRUMS TO BE PLACED IN STAGING AREA AND SEGREGATED ACCORDING TO WASTE STREAM, PENDING ULTIMATE DISPOSAL.

C. DEMOBE ANTICIPATED MONDAY, 4/13/87.

JLP 80

JIE L. PROVINCE, OSC
U.S. EPA REGION III
PHILADELPHIA, PA

To: ERD/OERR (EPA5511)
To: T.MASSEY (EPA9374)
From: T.MASSEY (EPA9374) Posted: Wed 15-Apr-87 16:43 EDT Sys 63 (53)
Subject: wachs landfill polrep 8

ATTN: TOM MASSEY & TIM FIELDS

WACH'S LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT

POLREP 8

I. SITUATION: (2200 HRS, 4/12/87)

A. WEATHER: CLOUDY, RAIN, 60s

B. PERSONNEL ON-SCENE: EPA-1, TAT-3, ERCS-6

C. REMOVAL OPERATIONS CONTINUE. ALL DRUMS TEEMPORARILY STAGED. SAMPLING AND DRUMMING OF CONTAMINATED SOILS HAS BEGUN.

II. ACTIONS TAKEN:

A. 10 CONTAMINATED SOIL SAMPLES TAKEN BY TAT FOR DISPOSAL ANALYSIS.

B. 3 OVERPACK DRUMS FILLED WITH CONTAMINATED SOIL SCRAPINGS. 126 OVERPACKED DRUMS PLACED IN STAGING AREA, NOW CONSIST OF 61 FLAMMABLE SOLIDS, 20 BI-PHASE, 40 FLAMMABLE ORGANIC LIQUIDS, 1 BASE/NEUTRAL LIQUID, AND 5 BASE/NEUTRAL SOLIDS. ALL EMPTY DRUMS CRUSHED. EMPTY DRUMS WILL BE DISPOSED OF IN ON-SITE LANDFILL AT TIME OF FINAL DISPOSAL.

C. OSC EXTENDS OPERATING HOURS IN ORDER TO COMPLETE TODAY'S ACTIVITIES.

III. FUTURE PLANS:

A. REMAINING CONTAMINATED SOIL TO BE SCRAPED, OVERPACKED AND STAGED.

B. ALL PERSONNEL TO DEMOBE 4/13/87.

C. ERCS TO DELIVER DRUM AND SOIL SAMPLES TO LAB FOR WASTE STREAM ANALYSIS.

D. PENDING ANALYTICAL, DISPOSAL TO BE ARRANGED BY ERCS.

VICKIE L. PROVINCE, OSC
U.S. EPA REGION III
PHILADELPHIA, PA

AR100082

ATTN: TOM MASSEY & TIM FIELDS

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT

POLREP 9

I. SITUATION: (1700 HRS, 4/13/87)

A. WEATHER: CLOUDY, WINDY, 40s

B. PERSONNEL ON-SCENE: EPA-1, TAT-3, ERCS-6

C. COSTS TO DATE CEILING

EPA -	$ 1,000.	$ 13,000.
TAT -	$ 6,000.	$ 25,000.
ERCS -	$ 42,000.	$200,000.

TOTAL PROJECT CEILING - $402,000.

D. REMOVAL ACTIVITIES (DRUM OVERPACKING, SAMPLING AND STAGING) COMPLETED THIS DATE. TOTAL DRUMS AT 137, INCLUDING 9 SOIL AND 2 CLOTHING DRUMS.)

E. TAT SAMPLED SOIL AND CONTAMINATED CLOTHING DRUMS FOR DISPOSAL ANALYSIS. TOTAL SAMPLES DELIVERED TO ERCS FOR ANALYSIS IS 138.

ACTIONS TAKEN:

A. OSC INFORMED BY PADER (WHITSEL) THAT STATE WOULD PERIDOICALLY INSPECT STAGING AREA UNTIL TIME OF FINAL DISPOSAL.

B. ERCS BERMED DRUM STAGING AREA AND SURROUNDED THE AREA WITH SNOW FENCING. ALL OVERPACKED DRUMS NOW SECURE.

C. PHONE AND POWER DISCONNECTED FROM COMMAND TRAILER.

D. OSC DEMOBED SITE AT 1300 HRS. ERCS BACKHOE DEMOBED AT 1500 HRS. ERCS COMPLETELY DEMOBED 1630 HRS. TAT DEMOBED 1700 HRS.

E. AS OF 1700 HRS THIS DATE, COMMAND TRAILER NOT DEMOBED. ERCS NOTIFIES TRAILER RENTAL COMPANY.

III. FUTURE PLANS:

A. ERCS TO SEND SAMPLES TO LAB FOR WASTE STREAM ANALYSIS.

B. ERCS TO ARRANGE FOR DISPOSAL OF ALL DRUMMED MATERIAL.

C. ALL EMPTY DRUMS TO BE DISPOSED OF IN ONSITE LANDFILL DURING DISPOSAL PHASE.

VICKIE L. PROVINCE, OSC
U.S. EPA REGION III
PHILADELPHIA, PA

ATTN: TOM MASSEY & TIM FIELDS

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT

POLREP 10

I. SITUATION: (1700 HRS., 7/15/87)

A. COSTS TO DATE

		CEILING
EPA -	$ 1,200	$ 13,000
TAT -	$ 7,500	$ 25,000
ERCS -	$ 74,000	$ 200,000

TOTAL PROJECT CEILING - $ 402,000

B. AS OF THIS DATE, OSC DOWNIE HAS REPLACED VICKIE PROVINCE AS LEAD ON PROJECT.

II. ACTIONS TAKEN:

A. OSC CONFERRED WITH TAT IN EVALUATION OF ERCS MEMO FOR DISPOSAL OPTIONS.

B. TAT CONTACTED ERCS FOR INFORMATION ON POSSIBLE FURTHER ANALYTICAL.

C. OSC TASKED ERCS TO BEGIN PREPARATIONS FOR CONSOLIDATING WASTE STREAMS FOR DISPOSAL. ERCS TO PERFORM COMPOSITE ANALYSIS FOR EACH WASTE STREAM. OSC AGREES TO 3 WEEK TURNAROUND. PENDING COMPOSITE ANALYTICAL RESULTS, POSSIBLE OPTIONS WILL INVOLVE INCINERATION OF FLAMMABLE ORGANIC LIQUIDS, LANDFILLING OF BASE/NEUTRAL SOLIDS, AND WASTEWATER TREATMENT FOR BASE/NEUTRAL LIQUIDS.

III. FUTURE PLANS:

A. OSC AWAITS RESULTS OF ERCS WASTE STREAM ANALYSIS. WPR FORMS TO FOLLOW.

B. OSC AND TAT TO EVALUATE ERCS RESULTS AND WPR FORMS FOR OSC APPROVAL.

C. TAT TO CONTACT PADER (WHITSEL AND CAMPBELL) REGARDING PHYSICAL STATUS OF DRUM STAGING AREA.

Jack Downie

JACK DOWNIE, OSC
U.S. EPA REGION III
WHEELING, WV

To: ERD/OERR (EPA5511)
To: T.MASSEY (EPA9374)
From: T.MASSEY (EPA9374) Delivered: Mon 14-Sep-87 9:40 EDT Sys 3
Subject: WACHS LANDFILL POLREP #11
Mail To: IPM-163-870914-087040425

ATTN: TOM MASSEY, STEVE JARVELA AND TIM FIELDS

WACH'S LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT

POLREP 11

I. SITUATION: (1700 HRS., 9/11/87)

A. OSC RECEIVED ERCS ANALYTICAL DATA FOR DISPOSAL OPTIONS. RESULTS INDICATE THAT ALL WASTE STREAMS ARE AMENABLE TO INCINERATION. WASTE STREAMS INCLUDE ORGANIC SOLIDS, ORGANIC LIQUIDS, AND WATER-BASED MIXTURES.

II. ACTIONS TAKEN:

A. OSC DIRECTS ERCS TO GET BIDS FOR INCINERATION OF EACH WASTE STREAM. CURRENTLY IN THE REGION III AREA, THE FOLLOWING INCINERATION FACILITIES ARE IN COMPLIANCE WITH OFFSITE POLICY:

ROLLINS (NEW YORK)
THERMOKEM (SO. CAROLINA)
T.W.I. (ILLINOIS)

III. FUTURE PLANS:

A. OSC TO SUBMIT WPRs TO THE 3 FACILITIES FOR EACH OF THE 3 WASTE STREAMS. FINAL DISPOSAL TO BE BASED ON TOTAL TRANSPORTATION AND DISPOSAL COSTS.

B. OSC AWAITS INCINERATION APPROVALS.

Jack L. Downie

JACK L. DOWNIE, OSC
U.S. EPA REGION III
WHEELING, WV

POLREP #12 - WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA

ATTN: MIKE ZICKLER, STEVE JARVELA AND TIM FIELDS

I. SITUATION (12/2/87 - 1300 HOURS)

A. 137 OVERPACKED DRUMS CONTAINING ORGANIC SOLIDS, ORGANIC LIQUIDS, AND WATER-BASED MIXTURES STAGED ONSITE AWAITING DISPOSAL.

B. DUE TO CHANGE IN FISCAL YEAR, UNUSED FUNDS UNDER DELIVERY ORDER 6893-03-112 OF $200,000 WERE WITHDRAWN. DELIVERY ORDER 7445-03-027 FOR $10,000 WAS ISSUED. PROCUREMENT REQUEST FOR ADDITIONAL FUNDS IS NECESSARY DUE TO FUTURE DISPOSAL ACTIVITIES.

II. ACTIONS TAKEN

A. OSC RECEIVED DISPOSAL APPROVAL FROM THERMOKEM PENDING RECEIPT OF EPA TEMPORARY GENERATOR ID NUMBER.

B. ON 11/18/87 OSC REQUESTED IN WRITING A EPA TEMPORARY GENERATOR ID NUMBER BE ISSUED FROM THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES.

C. FAS P. CURTIN CONTACTED EPA JOSIE MATSINGER THIS DATE AND REQUESTED A PR BE CUT FOR AN ADDITIONAL $165,000 BRINGING THE TOTAL ERCS CEILING TO $175,000.

III. FUTURE PLANS

A. AWAIT RECEIPT OF EPA TEMPORARY GENERATOR ID NUMBER FROM PADER.

B. FAS TO CONTACT HQS CONTRACTS TO AMEND DELIVERY ORDER TO INCREASE CEILING AND REVISE SCOPE OF WORK TO INCLUDE TRANSPORTATION AND DISPOSAL OF DRUMS.

C. SITE ACTIVITIES TO RESUME UPON RECEIPT OF ID NUMBER.

Jack L. Downie

JACK L. DOWNIE, OSC
PAULA CURTIN, FAS
US EPA - REGION III
WHEELING, WV

To: EPA5511
To: EPA9374
From: J.DOWNIE (EPA9327) Delivered: Fri 8-Jan-88 15:38 EST Sys 1
Subject: WACLANDFILL
Mail Id: IPM-163-880108-140500785

POLREP #13 - Wachs Landfill
POLREP #13 - WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA

ATTN: STEVE JARVELA, 6CB CARON AND TIM FILLES

I. SITUATION (1/8/88 - 1500 HOURS)

A. MOBILIZATION TO DISPOSE OF 127 OVERPACKED DRUMS CONTAINING ORGANIC SOLIDS, ORGANIC LIQUIDS, AND WATER-BASED MIXTURES BEING SCHEDULED FOR 1/11/88.

II. ACTIONS_TAKEN

A. AS DIRECTED BY OSC DOWNIE, PAUL P. CURTIN CONTACTED ERCS CONTRACTOR AND ARRANGED FOR DISPOSAL OPERATIONS TO COMMENCE 1/12/88.

B. FAS CONTACTED PADER, LORI BALSBAUGH THIS DATE TO OBTAIN A THIRTY DAY EXTENSION ON TEMPORARY ID NUMBER PAD000000000. VERBAL APPROVAL FOR THE EXTENSION WAS GIVEN.

C. FAS CONTACTED PADER, STAN WHITSEL TO INFORM OF DISPOSAL ACTIVITIES.

D. FAS CONTACTED PROPERTY OWNER, SAMUEL WACHS TO INFORM OF EPA'S PLANS TO DISPOSE OF DRUMS 1/12/88.

III. FUTURE_PLANS

A. FAS, TAT AND ERCS PERSONNEL TO MEET ONSITE 1/11/88 TO BEGIN DISPOSAL ACTIVITIES.

B. DISPOSAL OF DRUMS TO BEGIN 1/12/88.

C. PADER REPRESENTATIVE, STAN WHITSEL TO BE ONSITE 1/12/88 TO OBSERVE DISPOSAL ACTIVITIES.

Paula Curtin

PAULA CURTIN, FAS
US EPA - REGION III
WHEELING, WV

To: ERD/OERR (EPA5511)
To: T.MASSEY (EPA9374)
From: T.MASSEY (EPA9374) Delivered: Wed 13-Jan-88 10:27 EST Sys 101
Subject: WACHS LANDFILL REMOVAL POLREP 14
Mail to: IPM-163-880113-148181142

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT
POLREP 14

ATTN: TIM FIELDS, BOB CARON, STEVE JARVELA

I. SITUATION: (1700 HRS., 1/12/88)

A. WEATHER: 1/11/88 - CLOUDY, VERY COLD, TEENS, LIGHT WINDS
1/12/88 - CLOUDY, COLD, 20s, WINDY

B. PERSONNEL ON SCENE: EPA-1, TAT-1, ERCS-1

C. COSTS TO DATE: CEILING

EPA	$ 1,500	$ 13,000
TAT	$ 7,500	$ 25,000
ERCS	$ 74,000	$ 175,000

TOTAL PROJECT CEILING $ 402,000

D. REMOVAL OPERATIONS RESUMED 1/11/88. EPA, TAT AND ERCS MOBILIZED TO SCENE 1530 HRS, 1/11/88.

E. FAS PAULA CURTIN OVERSEEING SITE OPERATIONS DUE TO OTHER COMMITTMENT OF OSC DOWNIE.

II. ACTIONS TAKEN:

A. EPA OSC REP. CURTIN NOTIFIED PADER (WHITSEL) OF RESUMPTION OF REMOVAL OPERATIONS.

B. EPA, TAT AND ERCS INSPECTED DRUM STAGING AREA. SNOW FENCING AND BERMS ARE INTACT.

C. 1/12/88 ERCS ON SCENE AT 0800 HOURS TO BEGIN CLEARING OF BRUSH FROM OPERATIONS AREA AND JUNK VEHICLES FROM STAGING AREA ACCESS ROAD.

D. ERCS REMOVED SNOW FENCING AND BERMS FROM AROUND DRUM STAGING AREA.

E. ERCS REPACKAGED 2 DRUMS WHICH HAD LOST INTEGRITY.

F. ALL DRUMS WERE PROPERLY PLACARDED.

III. FUTURE PLANS:

A. TRANSPORT VEHICLES EXPECTED 0900 HRS, 1/13/88.

B. ALL DRUMS TO BE LOADED 1/13/88.

C. PADER (WHITSEL) EXPECTED ON SCENE 1/13/88.

D. OSC REP. EXPECTS REMOVAL OPERATIONS TO BE COMPLETED 1/13/88.

E. OSC TO SUBMIT COMPLETED OSC REPORT ASAP.

Paula J. Curtin

PAULA J. CURTIN, OSC REP.
U.S. EPA REGION III
WHEELING, WV

To: ERD/OERR (EPA5511)
To: T.MASSEY (EPA9374)
From: T.MASSEY (EPA9374) Delivered: Wed 13-Jan-88 16:29 EST Sys 163
Subject: WACHS LANDFILL REMOVAL POLREP 15
Mail Id: IPM-163-880113-148410657

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT
POLREP 15

ATTN: TIM FIELDS, BOB CARON, STEVE JARVELA

I. SITUATION: (1700 HRS., 1/13/88)

A. WEATHER: CLOUDY, SNOW, TEENS, WINDY

B. PERSONNEL ON SCENE: EPA-1, TAT-1, ERCS-8

C. COSTS TO DATE:

		CEILING
EPA	$ 2,500	$ 13,000
TAT	$ 9,200	$ 25,000
ERCS	$ 84,000	$ 175,000

TOTAL PROJECT CEILING $ 402,000

D. REMOVAL OPERATIONS COMPLETED THIS DATE. ALL DRUMS TO BE TRANSPORTED TO THERMALKEM (SC) FOR INCINERATION.

E. ALL SITE ACTIVITIES COMPLETED THIS DATE.

II. ACTIONS TAKEN:

A. TRANSPORTER ON SCENE THIS DATE. ALL DRUMS LOADED ONTO SEMI-TRAILERS. FLAMMABLE MATERIALS LOADED ONTO SEPARATE TRAILER.

B. OSC REP PAULA CURTIN CONTACTED OSC DOWNIE AND UPDATED HIM ON SITE ACTIVITIES.

C. ERCS REPACKAGED DAMAGED DRUM FOR TRANSPORT.

D. ERCS SCRAPED STAGING AREA. LINER MATERIAL TO BE DISPOSED OF IN ONSITE LANDFILL AS NON-CONTAMINATED. NO DRUMS LEAKED ONTO THE LINER.

E. PADER (WHITSEL) ON SCENE THIS DATE TO OBSERVE OPERATIONS.

F. PADER GAVE PERMISSION FOR EMPTY DRUMS AND LINER MATERIAL TO BE DISPOSED OF IN ONSITE LANDFILL.

III. FUTURE PLANS:

A. DRUMS EXPECTED TO ARRIVE AT DISPOSAL FACILITY 1/15/88.

B. OSC TO SUBMIT FINAL POLREP ASAP.

PAULA J. CURTIN, OSC REP.
U.S. EPA REGION III
WHEELING, WV

WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA
CERCLA REMOVAL PROJECT
POLREP 16 AND FINAL

ATTN: TIM FIELDS, BOB CARON, STEVE JARVELA

I. SITUATION: (1700 HRS., 4/13/88)

A. FINAL COSTS FOR PROJECT

		CEILING
EPA DIRECT	$ 4,650	$ 13,000
EPA HQ	$ 25,629	$ 26,000
TAT	$ 10,350	$ 25,000
ERCS	$ 149,871	$ 175,000

TOTAL PROJECT FUNDS USED: $ 190,500

TOTAL PROJECT CEILING: $ 400,795

B. ALL REMOVAL OPERATIONS AT THE SITE HAVE BEEN COMPLETED.

C. FINAL DRAFT OF OSC REPORT READY FOR SUBMISSION AND PRINTING.

D. THE OSC FEELS THAT, BASED ON ACTIVITIES TO DATE, THE SCOPE OF WORK OUTLINED IN THE ACTION MEMORANDUM HAS BEEN COMPLETED TO THE OSC'S SATISFACTION.

III. FUTURE PLANS:

A. PADER TO RECEIVE COPIES OF OSC REPORT AFTER PRINTING AND FINAL REVIEW BY THE OSC.

B. ALL FUNDS NOT USED WILL BE CYCLED BACK INTO CERCLA FUND.

C. OSC TO CLOSE OUT PROJECT ASAP.

Jack L. Downie

JACK L. DOWNIE, OSC
U.S. EPA REGION III
WHEELING, WV

ATTN: TOM MASSEY, STEVE JARVELA AND TIM FIELDS

WACHS LANDFILL
WEST NEWTON, WESTMORELAND CO., PA
SARA REMOVAL PROJECT

SPECIAL BULLETIN PROJECT STATUS POLREP

I. SITUATION: (1200 HRS, OCTOBER 5, 1987)

A. AT PRESENT ALL REMOVAL ACTIVITIES AT SITE ARE COMPLETE.

B. ALL DRUMS ARE STAGED AND SECURED AWAITING DISPOSAL.

C. DRAFT OSC REPORT CURRENTLY BEING REVIEWED BY OSC.

D. OSC CANNOT PROJECT FORMAL SITE CLOSURE DATE AT THIS TIME DUE TO WAITING PERIOD FOR DISPOSAL APPROVALS.

II. FUTURE PLANS:

A. OSC AWAITS THREE BIDS FOR INCINERATION OF ALL WASTE STREAMS FROM ERCS.

Jack Downie

JACK DOWNIE, OSC
U.S. EPA REGION III
WHEELING, WV

APPENDIX D

SITE SAFETY PROTOCOL

SITE SAFETY PLAN - WACHS LANDFILL
WEST NEWTON, WESTMORELAND COUNTY, PA

INTRODUCTION:

THIS PROTOCOL ADDRESSES THE SAFETY PROCEDURES THAT WILL BE FOLLOW ANY AND ALL PERSONNEL VISITING THE SITE OR INVOLVED IN THE CERCLA REMOVAL ACTIVITY AT THE WACH'S LANDFILL. ALL PERSONNEL ENTERING THE SITE SHALL READ AND SIGN THIS SAFETY PLAN. THE PROTOCOL WILL REMAIN IN EFFECT UNTIL THE OSC CERTIFIES THAT THE ACTIVITY IS TERMINATED. IT DOES NOT SUPERCEDE ANY FEDERAL, OSHA, STATE OR LOCAL REGULATIONS, BUT IS IN ADDITION TO THEM. IN THE EVENT OF A CONFLICT BETWEEN THIS PROTOCOL AND A REGULATION, THE MORE STRINGENT OF THE TWO WILL BE ENFORCED. THE PROTOCOL IS IN ACCORDANCE WITH AND REFERS TO THE TERMINOLOGY USED IN THE OFFICE OF EMERGENCY AND REMEDIAL RESPONSE (OERR), Interim Standard Operating Safety Procedures.

SINCE DATA AVAILABLE AT THE PRESENT TIME DOES NOT ALLOW A COMPLETE CHARACTERIZATION OF THE CONTAINERIZED WASTE ON THE SITE, LEVELS OF PROTECTION FOR PERSONNEL WILL BE SET IN ACCORDANCE WITH THE HAZARD OF THE JOB FUNCTION AND LOCATION ON-SITE AS INDICATED ON THE ATTACHED DIAGRAM. Levels of Protection And Site Safety Protocol Will Be Updated As Site Characterization Progresses.

BACKGROUND

THE WACH'S LANDFILL COVERS 69 ACRES, OF WHICH TWO ACRES ARE ACTUALLY USED FOR LANDFILLING AND JUNK STORAGE/RECYCLING OPERATIONS. THE SITE IS LOCATED IN A RURAL AREA OF WEST NEWTON, WESTMORELAND COUNTY, PENNSYLVANIA. THE LANDFILL AREA OPERATES UNDER A PADER PERMIT FOR SOLID WASTES.

DURING HURRICANE AGNES IN 1972, DRUMS WERE OBSERVED FLOATING DOWN LITTLE SEWICKLY CREEK AND EVENTUALLY INTO THE YOUGHIOGHENY RIVER. ACCORDING TO THE PROPERTY OWNER, MOST OF THE DRUMS WERE PULLED FROM THE LITTLE SEWICKLY CREEK DURING THE HURRICANE, AND THESE DRUMS ARE NOW LOCATED ON THE WACH'S LANDFILL PROPERTY

DURING A SITE ASSESSMENT ON NOVEMBER 18, 1986, TAT OBSERVED THREE AREAS WHICH CONTAINED DRUMS. THE FIRST AREA CONTAINS APPROXIMATELY 12 DRUMS, ALL UNLABELED, WHICH ALLEGEDLY CONTAIN PAINTS. THE PROPERTY OWNER IS STORING THESE DRUMS FOR A NEIGHBOR, NOW DECEASED. TAT COULD NOT VERIFY THE CONTENTS OF THE DRUMS.

THE SECOND DRUM AREA CONTAINS APPROXIMATELY 95 DRUMS, SOME STILL LABELED. APPROXIMATELY 3 OF THESE DRUMS WERE BLUE AND WHITE AND WERE LABELED "CYANIDE 12-0021-SIC." SEVERAL DRUMS IN THIS AREA WERE LEAKING. HNU READINGS OF UP TO 950 UNITS (WITH 1 UNIT APPROXIMATELY EQUAL TO THE SCALED NUMBER OF PARTS PER MILLION) WERE RECORDED BY TAT IN THE DRUMS AND UP TO 35 UNITS IN THE AIR AROUND THE DRUMS.

THE THIRD DRUM AREA IS LOCATED ON AN ADJACENT PROPERTY, ALONG THE WESTERN PROPERTY LINE OF THE WACH'S PROPERTY. ACCORDING TO MR. WACH, THE ADJACENT PROPERTY BELONGS TO A MR. RAY, WHOSE ADDRESS AND WHEREABOUTS ARE UNKNOWN. THIS AREA CONTAINS APPROXIMATELY 70 DRUMS SCATTERED THROUGHOUT LITTLE SEWICKLY CREEK'S FLOOD PLAIN. APPROXIMATELY 35 OF THESE DRUMS ARE

THOUGHT TO CONTAIN MATERIAL.

REMOVAL ASSESSMENT ANALYTICAL DATA HAS SHOWN THAT 5 OF THE 6 DRUMS SAMPLED BY TAT HAVE MATERIAL WITH A FLASH POINT BELOW 140 DEGREES FARENHEIGHT, WITH ONE DRUM HAVING A FLASH POINT BELOW 40 DEGREES FARENHEIGHT.

CURRENT SITUATION

U.S. EPA REGION III HAS DETERMINED THAT THE SITE POSES A THREAT TO PUBLIC HEALTH AND THE ENVIRONMENT THROUGH THE POTENTIAL FOR FIRE AND EXPLOSION. EPA REGION III HAS DETERMINED THAT A REMOVAL ACTION IS NECESSARY TO MITIGATE THE POTENTIAL THREAT, AND TASKED TAT TO ASSIST THE ON-SCENE COORDINATOR IN THE OPERATIONS PERTAINING TO THE REMOVAL ACTION.

PURPOSE

THE PURPOSE OF THIS SITE SAFETY PROTOCOL IS TO ESTABLISH A STANDARD OPERATING PROCEDURE, CONCURRENT WITH THE U.S. EPA STANDARD OPERATING SAFETY GUIDES, FOR ALL PERSONNEL PERFORMING ACTIVITIES IN THE CONTROLLED ZONES AT THE WACH'S LANDFILL. THE SITE SAFETY PROTOCOL WILL BE WRITTEN PRIOR TO ANY REMOVAL ACTIVITY AT THE PROPERTY. THIS SITE SAFETY PROTOCOL IS TO ADDRESS THE WACHS LANDFILL ONLY, AND IS NOT FOR USE AT ANY OTHER SITE WHERE REMOVAL ACTIVITY IS OR IS PLANNED TO BE UNDERTAKEN. THIS IS TO BE USED AS AN ADDENDUM TO THE STANDARD SITE SAFETY PROTOCOL FORM, AND IS TO BE USED TO COVER ANY QUESTIONS SPECIFIC TO THIS SITE, AND TO GIVE INFORMATION SPECIFIC TO THE SITE.

DECONTAMINATION PROCEDURE

THIS SITE SAFETY PROTOCOL SPECIFIES LEVEL B PROTECTION FOR ANY AND ALL ACTIVITY THAT INVOLVES DIRECT WORKER CONTACT WITH THE DRUMMED MATERIALS. LEVEL D PROTECTION WILL BE ENFORCED IN ALL UPWIND SUPPORT AREAS. LEVEL C PROTECTION WILL BE USED IN THE DECONTAMINATION AREA BY ALL DECONTAMINATION WORKERS NOT ENTERING THE EXCLUSION ZONE.

DECONTAMINATION PROCEDURES FOR EXCLUSION ZONE ENTRYS:

1. OUTER BOOT WASH/RINSE, REMOVAL OF TAPE, REMOVAL OF OUTER BOOTS
2. OUTER GLOVE WASH/RINSE, REMOVAL OF TAPE
3. REMOVAL OF SPLASH APRON/HARD HAT/FACE SHIELD/HOOD
4. SPLASH GEAR WASH/RINSE
5. REMOVAL OF SCBA (WITH ATTENTION TO MASK HOSES)

REMOVAL OF SPLASH GEAR/OUTER GLOVES

7. FACEPIECE REMOVAL

8. INNER GLOVE REMOVAL

ALL EXPENDABLE GEAR SHALL BE DISPOSED OF IN PLASTIC TRASH BAGS AND WILL THEN BE DISPOSED OF IN THE PROPER MANNER. SLL NON-EXPENDABLE GEAR SHALL BE PLACED IN THE DECONTAMINATION AREA TO BE RE-USED IN SUBSEQUENT ENTRYS. EVERY EFFORT WILL BE MADE TO KEEP NON-EXPENDABLE/REUSABLE GEAR SEPARATE FROM ALL OTHER ITEMS IN THE DECONTAMINATION AREA. THIS WILL STOP THE SPREAD OF CONTAMINATION BETWEEN ARTICLES IN THE DECONTAMINATION AREA.

DELINEATION OF DECONTAMINATION AREA

THE DECONTAMINATION AREA WILL BE DELINEATED BY BANNER-GUARD BETWEEN THE EXCLUSION ZONE AND THE SUPPORT ZONE. ALL BOUNDARIES WILL BE CLEARLY MARKED AND SHOWN TO ALL WORKERS BEFORE THE START OF ANY REMOVAL ACTIVITIES AT THE SITE.

SCOPE OF WORK/MONITORING

THE PROPOSED PROJECT WOULD ASSUME THAT, BASED ON DATA FROM PREVIOUS ASSESSMENTS, ALL CONTAINERS ON THE SITE ARE HAZARDOUS AND WILL BE EVALUATED AFTER SCREENING. THE PROJECT WILL INCLUDE SAMPLING OF DRUMS AND SOILS IN THE DRUM AREA TO DETERMINE DRUM CONTENTS AND IF LEAKING MATERIALS HAVE CONTAMINATED LOCAL SOILS.

CONDITIONS OF THE AREA DICTATE THAT CONTAINERS BE FREED FROM SURROUNDING DEBRIS AND OVERPACKED, IF NECESSARY, BEFORE TRANSPORT TO THE PREDESIGNATED STAGING AREA.

EVERY EFFORT WILL BE MADE TO ENSURE THAT DRUMMED LIQUIDS WILL BE TAKEN OFFSITE FOR INCINERATION TO COMPLY WITH RCRA DISPOSAL REGULATIONS. ALL SOILS WILL EITHER BE REMOVED FROM THE SITE, OR IN THE CASE OF WIDESPREAD CONTAMINATION WILL BE TREATED ON THE SITE BY SERATION AND PH ADJUSTMENT TO ENSURE THAT ANY METALS IN THE SOIL ARE IMMOBILIZED.

WACHS LANDFILL

SITE/SAFETY PROTOCOL

GENERAL

This protocol addresses the safety procedures that will be followed by any and all personnel visiting the site or involved in the CERCLA removal activity at the WACHS LANDFILL All personnel entering the site shall read and sign this safety plan. The protocol will remain in effect until the OSC certifies that the activity is terminated. It does not supercede any Federal OSHA or State or local regulations but is in addition to them. In the event of a conflict between this protocol and a regulation, the more stringent of the two will be in force. The protocol is in accordance with and refers to the terminology used in the Office of Emergency and Remedial Response (OERR), Interim Standard Operating Safety Procedures.

NOTE: Since data available at the present time does not allow a complete characterization of the containerized waste on the site, levels of protection for personnel will be set in accordance with the hazard of the job function and location on-site as indicated on the attached diagram. LEVELS OF PROTECTION AND SITE SAFETY PROTOCOL WILL BE UPDATED AS SITE CHARACTERIZATION PROGRESSES.

Respiratory Protection Program

All contractor and governmental personnel involved in on-site activities shall have a written respiratory protection program and prove that they are physically fit to wear a respirator. All personnel wearing air-purifying respirators on-site are required to be fit tested, while those wearing pressure-demand self-containing breathing apparatus or air-line apparatus, must be properly trained and experienced in their use. All respiratory protection equipment is to be properly decontaminated at the end of each workday.

Persons having beards or facial hair must not wear a respirator.

Training and Medical Monitoring Program

Personnel will have either formal training or on-the-job training for those tasks they are assigned to perform on the active site. All unfamiliar activities will be rehearsed beforehand.

All contractor and governmental personnel who are exposed to hazardous levels of chemicals shall prove that they are enrolled in a medical monitoring program.

General Safety Rules and Equipment

a. There will be no eating, drinking or smoking in the Exclusion Area or hot side of the Contamination Reduction Area.

b. All personnel must pass through the Contamination Reduction Area to enter the Exclusion Area.

c. An emergency eye wash will be on the hot side of the Contamination Reduction Area.

d. As a minimum, an emergency deluge shower/spray can is to be located on the clean side of the Contamination Reduction Area.

e. At the end of the work, all personnel working in the Exclusion Area shall take a hygenic shower.

f. All supplied breathing air shall be certified as Grade D or better.

g. Where practical, all tools/equipment will be spark proof, explosion resistant and/or bonded and grounded.

h. Fire extinguishers will be on-site for equipment or personnel fires only.

i. A first-aid kit will be on-scene at all times during operational hours. An oxygen inhalator respirator will be available. The location of these items on-site will be posted.

j. Persons having beards or facial hair must not wear respirators.

k. No work will be performed in the exclusion area during hours of darkness as determined by the site safety officer.

Morning Safety Meeting

A morning safety meeting will be conducted each day for all site personnel who sign a daily attendance sheet. The safety procedures, evacuation procedures, and escape procedures, as well as the day's planned operations, should be discussed.

CONTROL AT THE SITE

Access to the site will be restricted by a site security officer and banner guard installed during the immediate removal phase at this site and exit from the site shall be through the gate in the Contamination Reduction Area except in a life-threatening emergency.

All persons entering the site shall sign in and out at the OSC command post or with the site security officer.

DESIGNATION OF WORK AREAS AT THE SITE

The entire site will be divided into three areas: (1) Exclusion Area which known to be or have a potential for becoming contaminated: (2) the Contamination Reduction Area where decontamination of personnel and equipment exiting the Exclusion Area is performed; (3) the Support Area which is not contaminated.

The Exclusion Area (EA)

At the Wach's Landfill Site, the Exclusion Area shall initially include all areas inside the banner guard.

The Contamination Reduction Area (CRA)

At the Wach's Landfill Site, the Contamination Reduction Area will be located immediately outside the Exclusion area and will be delineated by roped off area.

The Support Area (SA)

At the Wach's Landfill Site, the Support Area will be the area outside the Exclusion Area and Contamination Area.

Changes in Designation of Work Areas

As work progresses on-site, the OSC may determine that an area previously designated an EA is no longer classified in that manner. It is not intended, however, to change the designation of the CRA since this may involve the movement of the decontamination facilities and added expense.

SAFETY PROCEDURES AND LEVELS OF PROTECTION

Exclusion Area

1. All personnel shall enter and exit the Exclusion Area through the Contamination Reduction Area.

2. Emergency escape routes from the Exclusion Area will be established and reviewed as appropriate at each morning safety meeting.

SAFETY PROCEDURES AND LEVELS OF PROTECTION (continued)

Exclusion Area

3. All personnel in the Exclusion Area shall use the protective equipment designated for their job function but in no case shall less than LEVEL C be used.

4. Personnel performing the following job functions in the Exclusion Area will utilize the designated level of protection equipment.

Contamination Reduction Area

1. Personnel and equipment decontamination will be performed in Level C.

2. All personnel entering the CRA will utilize a minimum of Level C protection.

3. All personnel entering the CRA must decontaminate which will be performed in Level C.

4. All equipment entering the CRA must be decontaminated prior to leaving the CRA.

Support Area

1. No contaminated equipment or personnel may enter the Support Area.

2. Except in the case of a release of a Toxic vapor, Level D will be appropriate for all personnel in the Support Area.

Prime Contractor

a. Barrel handling, including opening, sampling, pumping, moving, emptying, or any direct or indirect disturbance of a full-barrel will be performed in Level B. This applies to anyone involved, including equipment operators.

b. Excavation operations will be performed in Level C.

c. Soil removal operations will be performed in Level C.

d. Maintenance of filter fencing will be done in Level C unless photoionization detector readings are below 5 ppm in which case Level B will be used.

DECONTAMINATION PROTOCOL

All equipment and personnel entering the site must be thoroughly decontaminated prior to leaving the site. Since there are various protocol and equipment available for this purpose, the OSC will determine if the proposed decontamination techniques are applicable. Such determinations will be made on a day-to-day basis as on-site operations dictate.

ON-SITE AIR MONITORING

Additional air sampling will be dependent on the data obtained from onsite. Photoionization Detector and/or Organic Vapor Analyzer. Additional air monitoring will be performed as conditions warrant. This monitoring will be designed and performed by the OSC or his technical staff.

EMERGENCY PROCEDURES

In the event of a medical or other emergency, the OSC or his designee will notify the appropriate authority. The following list of phone numbers will be posted prominently at each telephone on-site:

1. Fire 911
2. Ambulance 911
3. Police 911
4. Federal Government - EPA (215) 597-9898
5. State Government (412) 925-8115
6. County/City Government (412) 872-8474
7. EPA Environmental Response Team (201) 321-6740
8. Hospitals (412) 832-4000

Vickie L. Bonnie
OSC

SITE SAFETY PROTOCOL
Attachment A

WEATHER AND HEAT STRESS

Adverse weather conditions are important considerations in planning and conducting site operations. Hot or cold weather can cause physical discomfort, loss of efficiency and personal injury. Of particular importance is heat stress, resulting when protective clothing decreases natural body ventilation. The following recommendations will help reduce heat stress:

1. Provide plenty of liquids. To replace body fluids (water and electrolytes) lost due to sweating.

2. Install mobile showers and/or hose-down facilities to reduce body temperature and cool protective clothing.

3. In extremely hot weather, conduct nonemergency response operations in the early morning or evening.

4. Ensure that adequate shelter is available to protect personnel against heat, cold, rain, snow, etc., which can decrease physical efficiency and increase the probability of accidents.

5. In hot weather, rotate shifts of workers wearing impervious clothing.

Heat Stress Monitoring

Due to the time of year, a Heat Stress Monitoring Program may be needed during working hours. Personnel would be subject to the following monitoring program:

For monitoring the body's recouperative ability to excess heat, one or more of the following techniques will be used as a screening mechanism. Monitoring of personnel wearing impervious clothing should commence when the ambient temperatures increase or as slow recovery rates are indicated. When temperatures exceed 85°F, workers should be monitored for heat stress after every work period.

HEAT STRESS MONITORING (continued)

1. Heart rate (HR) should be measured by the radial pulse for 30 seconds as early as possible in the resting period. The HR at the beginning of the rest period should not exceed 110 beats per minute. If the HR is higher, the next work period should be shortened by 10 minutes (or 33%), while the length of the rest period stay the same. However, if the OT exceeds 99.7°F at the beginning of the next period, the following work cycle should be further shortened by 33%. OT should be measured again at the end of the rest period to make sure that it has dropped below 99°F.

2. Body water loss (BWL) due to sweating should be measured by weighing the worker in the morning and in the evening. The clothing work should be similar at both weighings; perferably the worker should be nude. The scale should be accurate to plus or minus 1/4 lb. BWL should be instructed to increase his daily intake of fluids by the weight lost. Ideally, body fluids should be maintained at a constant level during the work day. This requires replacement of salt lost in heat as well.

3. Blood pressure before and after each work period will be monitored.

4. Good hygenic standards must be maintained by frequent changes of clothing and daily showering. Clothing should be permitted to dry during rest periods. Persons who notice skin problems should immediately consult medical personnel.

Effects of Heat Stress

If the body's physiological progresses fail to maintain a normal body temperature because of excessive heat, a number of physical reactions can occur ranging from mild (such as fatigue, irritability, anxiety and decreased concentration, dexterity or movement) to fatal. Standard reference books should be consulted for specific treatment.

Heat-related problems are:

- Heat Rash: Caused by continuous exposure to heat and humid air and aggravated by chafing clothes. Decreases ability to tolerate heat as well as being a nuisance.

- Heat Cramps: Caused by profuse perspiration with inadequate fluid intake and chemical replacement (especially salts). Signs: Muscle spasm and pain in the extremities and abdomen.

EFFECTF OF HEAT STRESS (continued)

- Heat Exhaustion: Caused by increased stress or various organs to meet increased demands to cool the body. Signs: Shallow breathing; pale, cool, moist skin; profuse sweating; dizziness and lassitude.

- Heat Stroke: The most severe form of heat stress. Body must be cooled immediately to prevent severe injury and/or death. Signs and symptoms are: Red, hot, dry skin; no perspiration; nausea; dizziness and confusion; strong, rapid pulse, coma.

Any personnel that feels he is displaying any effects of heat stress that may not be known to the medical monitoring personnel, will report these immediately.

CARE FOR FROSTBITE

Signs and Symptoms

First you feel a biting cold and then numbness. Should the affected area begin to feel warm, the frostbite is going too deep; skin will become a yellow-white color and will feel solid and woody.

First Aid

Rapidly rewarm gently--never rub! Get immediately to a controlled environment so the affected area will not refreeze.

Place the affected area in warm water at 108° to 112°F for 20 to 30 minutes. As the affected area normalizes, IT WILL HURT--this is normal.

Again--DO NOT RUB!!!

Key Points

1. Never rub before, during or after treatment of frostbite--NEVER RUB WITH SNOW!

2. Never try to rewarm the affected area in cool or cold water--only warm, but never warmer than 112°F.

3. Never try to rewarm the affected area in dry heat, i.e. fire.

4. Never try to rewarm the affected area by exercising.

Name	Organization	Date
Michael S. [illegible]	Weston/TAT	4/8/87
[illegible] G. [illegible]	WESTON/TAT	4/8/87
[illegible]	EPA	4/8/87
[illegible]	Weston/TAT	4/8/87
[illegible]	O H Materials	[illegible]
[illegible] Bucher	OHM	4-08-87
BRUCE [illegible]	OHM	4-08-87
John DeMelas	TAT	4-10-87
Rich [illegible]	TAT - WESTON	4-10-87
[illegible]	O.H MATERIALS CORP.	4-8-87

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION
01 STATE: PA | 02 SITE NUMBER: 069

II. SITE NAME AND LOCATION

01 SITE NAME	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER					
Wachs Landfill	RD1 West Newton S. Huntingdon Twp Lowber					
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY		07 COUNTY CODE	08 CONG DIST
West Newton	PA	15089	Westmoreland		129	12
09 COORDINATES LATITUDE: 40 14 25.0	LONGITUDE: 079 47 28.0	10 TYPE OF OWNERSHIP (Check one): X A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL ☐ F. OTHER ☐ G. UNKNOWN				

III. INSPECTION INFORMATION

01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERATION
05 22 84 (MONTH DAY YEAR)	X ACTIVE ☐ INACTIVE	1964 (BEGINNING YEAR) Present (ENDING YEAR) ☐ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR _____ (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR _____ (Name of firm)
X E. STATE ☐ F. STATE CONTRACTOR _____ (Name of firm) ☐ G. OTHER _____ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Thomas R. Shannon	Solid Waste Specialist	DER-SWRO	412 925 8115
09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
Gerry Tripoli	" " "	same	(same
			( )
			( )
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
Samuel Wachs	Part owner	Same as 02 (II)	412 872-9606
Sam Jos 412 872 9606			( )
			( )
			( )
			( )
			( )

17 ACCESS GAINED BY	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
X PERMISSION ☐ WARRANT	9:00 AM	Raining

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
Same as 13 (III)		( )

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Same as III-05				5 28 84 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

AR100110

Wach's, Westmoreland County

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE: PA | 02 SITE NUMBER:

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)

- [X] A. SOLID
- [ ] B. POWDER, FINES
- [ ] C. SLUDGE
- [X] D. SLURRY / LIQUID
- [ ] E. GAS
- [ ] F. OTHER _____ (Describe)

02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent)

TONS: _____

CUBIC YARDS: _____

NO. OF DRUMS: 150-160

03 WASTE CHARACTERISTICS (Check all that apply) Unknown

- [ ] A. TOXIC
- [ ] B. CORROSIVE
- [ ] C. RADIOACTIVE
- [ ] D. PERSISTENT
- [ ] E. SOLUBLE
- [ ] F. INFECTIOUS
- [ ] G. FLAMMABLE
- [ ] H. IGNITABLE
- [ ] I. HIGHLY VOLATILE
- [ ] J. EXPLOSIVE
- [ ] K. REACTIVE
- [ ] L. INCOMPATIBLE
- [ ] M. NOT APPLICABLE

III. WASTE TYPE Unknown

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			
OLW	OILY WASTE			
SOL	SOLVENTS			Suspected - sampling finds toluene on several drums
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS			
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently used CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

N/A

Wachs

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: PA | 02 SITE NUMBER:

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION — 02 [ ] OBSERVED (DATE: ____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: None
04 NARRATIVE DESCRIPTION
This Applies to All following items. Unmarked-unknown drums rusty, leaking w/noticeable VOA Emissions and chemical leaks. Drums Alleged to have come down Sawmill Creek in 1972 Flood.

01 [X] B. SURFACE WATER CONTAMINATION — 02 [ ] OBSERVED (DATE: ____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: None
04 NARRATIVE DESCRIPTION

01 [X] C. CONTAMINATION OF AIR — 02 [ ] OBSERVED (DATE: ____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: None
04 NARRATIVE DESCRIPTION

01 [X] D. FIRE/EXPLOSIVE CONDITIONS — 02 [ ] OBSERVED (DATE: ____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: None
04 NARRATIVE DESCRIPTION

01 [X] E. DIRECT CONTACT — 02 [ ] OBSERVED (DATE: ____) — [X] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: N/A
04 NARRATIVE DESCRIPTION

01 [X] F. CONTAMINATION OF SOIL — 02 [ ] OBSERVED (DATE: ____) — [X] POTENTIAL — [ ] ALLEGED
03 AREA POTENTIALLY AFFECTED: N/A
04 NARRATIVE DESCRIPTION

01 [ ] G. DRINKING WATER CONTAMINATION — 02 [ ] OBSERVED (DATE: ____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: N/A
04 NARRATIVE DESCRIPTION

01 [ ] H. WORKER EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE: ____) — [ ] POTENTIAL — [ ] ALLEGED
03 WORKERS POTENTIALLY AFFECTED: None
04 NARRATIVE DESCRIPTION

01 [ ] I. POPULATION EXPOSURE/INJURY — 02 [ ] OBSERVED (DATE: ____) — [ ] POTENTIAL — [ ] ALLEGED
03 POPULATION POTENTIALLY AFFECTED: None
04 NARRATIVE DESCRIPTION

AR100112

EPA FORM 2070-13 (7-81)

Wach's

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE: PA | 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: ______) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: ______) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (include name(s) of species)
None

01 ☒ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: ______) ☒ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES (Spills/Runoff/Standing liquids, Leaking drums) — 02 ☒ OBSERVED (DATE: 8/22/84) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: None
04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: ______) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: ______) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION
None

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: ______) ☐ POTENTIAL ☒ ALLEGED
04 NARRATIVE DESCRIPTION
Possible - Being Investigated

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS
Drums reportedly came down from the Swank Dump upstream, Drums were stashed at Swank Dump) in 1972 Flood.

III. TOTAL POPULATION POTENTIALLY AFFECTED: None

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)
[illegible] onsite Inspections.

AR100113

Wash's

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION	
01 STATE: PA	02 SITE NUMBER

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A. NPDES				
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☒ G. STATE (Specify) DER	101034			
☐ H. LOCAL (Specify)				
☐ I. OTHER (Specify)				
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
☐ A. SURFACE IMPOUNDMENT			☐ A. INCINERATION	☒ A. BUILDINGS ON SITE
☐ B. PILES			☐ B. UNDERGROUND INJECTION	
☐ C. DRUMS, ABOVE GROUND			☐ C. CHEMICAL/PHYSICAL	
☐ D. TANK, ABOVE GROUND			☐ D. BIOLOGICAL	
☐ E. TANK, BELOW GROUND			☐ E. WASTE OIL PROCESSING	06 AREA OF SITE
☒ F. LANDFILL	2,000,000	Tons	☐ F. SOLVENT RECOVERY	10 - 35 Acres
☐ G. LANDFARM			☐ G. OTHER RECYCLING/RECOVERY	
☐ H. OPEN DUMP			☐ H. OTHER (Specify)	
☐ I. OTHER (Specify)				

07 COMMENTS

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☒ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

Drums unmarked, leaking and rusty

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☒ NO

02 COMMENTS

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

PA - DER (Bown) Files

AR100114

EPA FORM 2070-13 (7-81)

Wachs'

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE: PA | 02 SITE NUMBER:

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)

	SURFACE	WELL
COMMUNITY	A. X	B. ☐
NON-COMMUNITY	C. ☐	D. ☐

02 STATUS

ENDANGERED	AFFECTED	MONITORED
A. ☐	B. ☐	C. ☐
D. ☐	E. ☐	F. ☐

03 DISTANCE TO SITE
A. ______ (mi)
B. ______ (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) ☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) X D. NOT USED, UNUSEABLE

02 POPULATION SERVED BY GROUND WATER: NA

03 DISTANCE TO NEAREST DRINKING WATER WELL ______ (mi)

04 DEPTH TO GROUNDWATER ______ (ft)

05 DIRECTION OF GROUNDWATER FLOW ______

06 DEPTH TO AQUIFER OF CONCERN ______ (ft)

07 POTENTIAL YIELD OF AQUIFER ______ (gpd)

08 SOLE SOURCE AQUIFER ☐ YES ☐ NO

09 DESCRIPTION OF WELLS (Including usage, depth, and location relative to population and buildings)

10 RECHARGE AREA ☐ YES ☐ NO COMMENTS

11 DISCHARGE AREA ☐ YES ☐ NO COMMENTS

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☐ A. RESERVOIR, RECREATION DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL X D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE TO SITE
Sewickley Creek	unknown → ☐	¼ (mi)
	☐	(mi)
	☐	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE A. 5-10 NO. OF PERSONS

TWO (2) MILES OF SITE B. 20-30 NO. OF PERSONS

THREE (3) MILES OF SITE C. 35-40 NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION: 1 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE: 15-20 Residential homes across creek

04 DISTANCE TO NEAREST OFF-SITE BUILDING: 1 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

Site across Sewickley Creek (no population side where drums are located) opposite side of Creek is populated.

EPA FORM 2070-13 (7-81)

AR100115

Wach's

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE: PA | 02 SITE NUMBER:

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Choose one)
Unknown ☐ A. 10^{-6} – 10^{-4} cm/sec ☐ B. 10^{-4} – 10^{-6} cm/sec ☐ C. 10^{-4} – 10^{-3} cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Choose one)
Unknown ☐ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☐ B. RELATIVELY IMPERMEABLE (10^{-4} – 10^{-6} cm/sec) ☐ C. RELATIVELY PERMEABLE (10^{-3} – 10^{-4} cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-3} cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH	
_____ (ft)	_____ (ft)	_____	

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
_____ (in)	_____ (in)	_____ %		_____ %

09 FLOOD POTENTIAL
SITE IS IN 500 YEAR FLOODPLAIN

10
☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)
ESTUARINE: A. _____ (mi)
OTHER: B. _____ (mi)

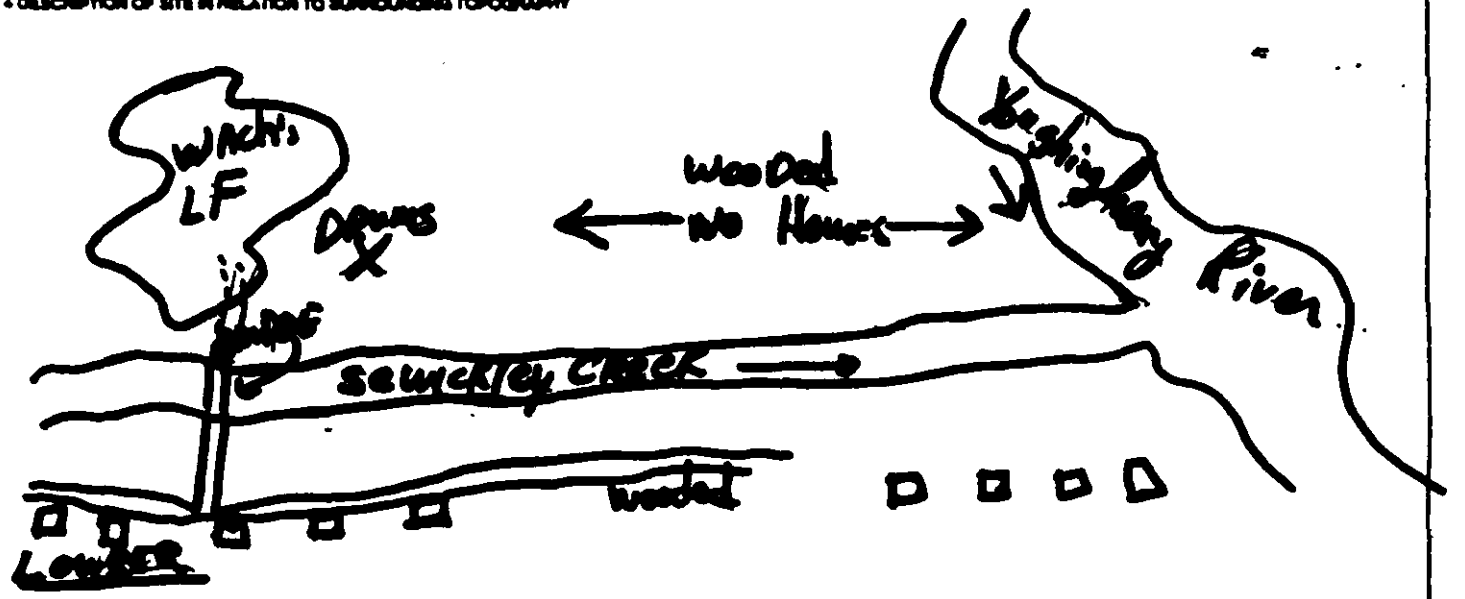
12 DISTANCE TO CRITICAL HABITAT (of endangered species)
_____ (mi)
ENDANGERED SPECIES: N/A

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AG LAND
A. _____ (mi)	B. _____ (mi)	C. _____ (mi)	D. _____ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY



VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

AR100116

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION
01 STATE | 02 SITE NUMBER

II. SAMPLES TAKEN — No Samples

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER			
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL			
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN — None

01 TYPE	02 COMMENTS
HNu Meter	500 ppm on several drums

IV. PHOTOGRAPHS AND MAPS

01 TYPE X GROUND ☐ AERIAL | 02 IN CUSTODY OF Thomas Shuman

03 MAPS X YES ☐ NO | 04 LOCATION OF MAPS DER Records

V. OTHER FIELD DATA COLLECTED

VI. SOURCES OF INFORMATION

on-site Inspection

AR100117

EPA FORM 2070-13 (7-81)

Wachs

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION
01 STATE: PA | 02 SITE NUMBER:

II. CURRENT OWNER(S)

01 NAME: Samuel Wachs | 02 D+B NUMBER: (412)872-9606
03 STREET ADDRESS (P.O. Box, RFD #, etc.): Lowber, PA | 04 SIC CODE:
05 CITY: West Newton | 06 STATE: PA | 07 ZIP CODE: 15089

01 NAME: | 02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): | 04 SIC CODE:
05 CITY: | 06 STATE: | 07 ZIP CODE:

01 NAME: | 02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): | 04 SIC CODE:
05 CITY: | 06 STATE: | 07 ZIP CODE:

PARENT COMPANY (If applicable) SAME

08 NAME: | 09 D+B NUMBER:
10 STREET ADDRESS (P.O. Box, RFD #, etc.): | 11 SIC CODE:
12 CITY: | 13 STATE: | 14 ZIP CODE:

08 NAME: | 09 D+B NUMBER:
10 STREET ADDRESS (P.O. Box, RFD #, etc.): | 11 SIC CODE:
12 CITY: | 13 STATE: | 14 ZIP CODE:

08 NAME: | 09 D+B NUMBER:
10 STREET ADDRESS (P.O. Box, RFD #, etc.): | 11 SIC CODE:
12 CITY: | 13 STATE: | 14 ZIP CODE:

III. PREVIOUS OWNER(S) (List most recent first) SAME

01 NAME: | 02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): | 04 SIC CODE:
05 CITY: | 06 STATE: | 07 ZIP CODE:

01 NAME: | 02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): | 04 SIC CODE:
05 CITY: | 06 STATE: | 07 ZIP CODE:

01 NAME: | 02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): | 04 SIC CODE:
05 CITY: | 06 STATE: | 07 ZIP CODE:

IV. REALTY OWNER(S) (If applicable, list most recent first) SAME

01 NAME: | 02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): | 04 SIC CODE:
05 CITY: | 06 STATE: | 07 ZIP CODE:

01 NAME: | 02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): | 04 SIC CODE:
05 CITY: | 06 STATE: | 07 ZIP CODE:

01 NAME: | 02 D+B NUMBER:
03 STREET ADDRESS (P.O. Box, RFD #, etc.): | 04 SIC CODE:
05 CITY: | 06 STATE: | 07 ZIP CODE:

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

LF File - PA DER

AR100118

EPA FORM 2070-13 (7-81)

Wash

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE: WA | 02 SITE NUMBER:

II. CURRENT OPERATOR (Provide if different from owner) — SAME

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER

OPERATOR'S PARENT COMPANY (if applicable) — SAME

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

III. PREVIOUS OPERATOR(S) (List most recent first) — SAME

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

PREVIOUS OPERATORS' PARENT COMPANIES (if applicable) — SAME

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE

08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD

10 NAME	11 D+B NUMBER

12 STREET ADDRESS (P.O. Box, RFD #, etc.)	13 SIC CODE

14 CITY	15 STATE	16 ZIP CODE

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

N/A

Wade

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE: PA | 02 SITE NUMBER:

II. ON-SITE GENERATOR N/A

01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE

III. OFF-SITE GENERATOR(S) UNKNOWN

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

IV. TRANSPORTER(S) UNKNOWN

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

N/A

Wadi's

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE: PA | 02 SITE NUMBER:

II. PAST RESPONSE ACTIVITIES N/A

01 ☐ A. WATER SUPPLY CLOSED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ D. SPILLED MATERIAL REMOVED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ E. CONTAMINATED SOIL REMOVED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ F. WASTE REPACKAGED — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ G. WASTE DISPOSED ELSEWHERE — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ H. ON SITE BURIAL — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ I. IN SITU CHEMICAL TREATMENT — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ J. IN SITU BIOLOGICAL TREATMENT — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ K. IN SITU PHYSICAL TREATMENT — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ L. ENCAPSULATION — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ M. EMERGENCY WASTE TREATMENT — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ N. CUTOFF WALLS — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ P. CUTOFF TRENCHES/SUMP — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

01 ☐ Q. SUBSURFACE CUTOFF WALL — 02 DATE ____ — 03 AGENCY ____
04 DESCRIPTION

EPA FORM 2070-13 (7-81)

Wash

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE: PA | 02 SITE NUMBER:

II PAST RESPONSE ACTIVITIES

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ W. GAS CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION

No Remedial Activities

III. SOURCES OF INFORMATION

EPA FORM 2070-13 (7-81)

AR100122

Wach's

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
PA	

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ☒ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

PA DER (BSWM) NOV RE: drums - 4/84

— Though drums allegedly came down in 1972 Flood from Swank (deceased) Property and have been on site since. Some credible testimony and Evidence (slides) seem to support Wachs claim.

III. SOURCES OF INFORMATION

Smith - Leakgen
[illegible] - S. [illegible] Twp Supervisor
& other [illegible] residents

AR100123

NUS CORPORATION — TELECON NO

CONTROL NO:	DATE:	TIME:
-1-	20 Oct '84	See below

DISTRIBUTION:

File

BETWEEN:	OF:	PHONE:
Sam Wachs	Wachs L.F.	(412) 872 9606

AND: M.J. Nalipinski (NUS)

DISCUSSION:

1400 OK for non sampling site visit Oct 9 at 0900 hrs
PA Tpk to New Stanton Rte 70 W rt of 70 to W Newton
2nd light in town turn right to Giant Eagle
turn left at dead end Follow River will see pass
Narrow bridge then cross RR tracks Past
gas & oil company 1st trailer turn right
Mr Wachs trailer is Brown & white.

1415 Stanly Angelcyk 412-872-7212
owns property where drums suspect originated.
OK for site visit Oct 9 ≈ 1100 hrs
DER T. Showman knows where it is.

ACTION ITEMS:

AR100124

STEP	E R C S	T A T	E P A
1	ERCS prepares secure staging area, road and bridge improvements.	Locates major drum areas, logs locations of full drums.	Supervises activities.
2	ERCS mobilizes heavy drum handling equipment, begins staging drums.	Logs full and empty drums, distinguishes between: full - marked empty - unmarked.	Supervises activities.
3	ERCS continues staging drums, collecting empty drums for crushing.	Continues to log and locate drums, visually for similarity of material, screens staged drums	Supervises activities.
4	ERCS continues staging drums, begins arranging for disposal.	Continues visual drum screening, logging; samples soils for analysis.	Supervises activities.
5	ERCS excavates hot spots, drums, contaminated soils, arranges disposal.	Documents activities, explores disposal options.	Arranges with PADER for disposal of empty drums/ soils on the site.
6	ERCS disposes of drums, empty drums and soils under EPA direction.	Documents disposal activities.	Directs disposal on the site under DER supervision. Directs disposal off site.

Time frame: 21 days; worst case.

WACHS' LANDFILL
West Newton, Westmoreland County, Pennsylvania

SAMPLING PLAN

November 13, 1986
PCS #6080

I. BACKGROUND

Wachs' Landfill covers 69 acres, of which two acres are actually used for landfilling/junk storage and metal recycling operations. The site is located in a rural area of West Newton, Westmoreland County, Pennsylvania. The landfill area operates under a PADER permit for solid wastes.

During Hurricane Agnes in 1972, drums were observed floating down Little Sewickly Creek and eventually into the Youghiogheny River. According to the property owner, most of the drums were pulled from the Little Sewickly Creek during the hurricane, and these drums are now located on the Wach's Landfill property.

During a site visit on October 9, 1984, FIT III observed several major drum areas, as well as scattered drums. The first drum area contains 10 to 15 drums, all unlabeled, which allegedly contain paints. The property owner is storing these drums for a neighbor, now deceased. FIT III could not verify the contents of the drums.

The second drum area contains approximately 95 drums, some still labeled. Approximately 3 of these drums were blue and white labeled "cyanide 12-0021-SIC." Several drums in this area were leaking. HNU readings of up to 100 ppm were recorded by FIT in this area. Approximately 80 of the 95 drums in this area contain material.

A third drum area was observed by FIT along the western property line of the Wachs property. According to Mr. Wachs, the adjacent property belongs to a Mr. Ray, whose address and whereabouts are unknown. This area contains approximately 70 drums scattered throughout Little Sewickly Creek's flood plain. Approximately 35 of these drums contain some material. FIT recorded no HNU readings in this area. Two drums have "Hooker Chemical Company Trichloroethylene" and "Monsanto" labels. The reported origin of the drums was Swank's Landfill, which is located three miles to the north, upstream of the Wachs' property. FIT surveyed this property and observed numerous empty, rusting, and intact drums along Little Sewickly Creek. These drums were inaccessible for screening or sampling.

II. CURRENT SITUATION

On Tuesday, November 11, 1986, TAT was tasked (under TDD #8611-08/PCS #6080) to perform a site assessment and sampling to determine if the drums present an immediate threat to the public health and the environment.

III. PURPOSE

The purpose of the drum sampling operation is to determine levels of contaminants inside the drums, qualitatively identify the contaminants, and use the results to make a determination of potential threats to both public health and the environment. The sampling will be performed prior to any removal activity at the property. Values from this sampling will be useful for removal activities, should any be planned subsequent to this sampling. The site safety plan has been developed for Level B protection during drum screening or any activity that involves any worker physical contact with the drums. Direct-reading instruments (HNU photoionizer) will help to determine levels of organic vapors in the area, and whether a change in the level of personal protection is needed. It should be noted that the HNU only gives a "Total Organic Vapor" reading (in units with one unit approximately equal to the scaled proportional number of parts per million), and do not have the capability of selectively measuring specific organic compounds.

IV. PROPOSED DRUM SAMPLING LOCATIONS

This sampling will be designed to achieve two specific goals:

A. To quantitatively determine levels of contaminants, if any, inside the drums.

B. To screen drums for specific contaminants that may pose an immediate threat to public health and the environment.

Locations of sampling stations will be determined once a detailed site reconnaissance has been performed and meteorological data has been obtained. Drums will be selected and marked for sampling to yield the most complete data possible.

Other drums will be screened for specific contaminants based on intact labels and FIT identification in order to yield the most accurate qualitative data possible.

V. SAMPLING METHODS

A. All drums to be sampled will be selected and marked using a six-digit code as follows:

Drums for sampling - WLDRXX
Water samples - WLWAXX
Soil samples - WLSSXX

Drum samples will be taken by thieving the liquids or by scraping solids/sludges from drums with easily accessible contents.

Surface water samples and soil samples may be obtained by the use of scoops or by directly pouring into the container.

B. Drums labeled "cyanide 12-0021-SIC" will be screened for cyanide with Draeger tube and hand pump (Draeger tube specifically designed for cyanide).

Drums labeled "Hooker Chemical Company Trichloroethylene" will be screened using a Draeger hand pump and Draeger tube designed specifically for trichloroethylene.

All samples will be containerized and shipped according to current DOT/EPA regulations to an EPA approved laboratory for analysis under proper chain-of-custody.

Drum samples will be analyzed for volatiles, semi-volatiles and metals including cyanide using EPA Methods 601 and 602, as well as a RCRA flammability analysis.

VI. QUALITY ASSURANCE/QUALITY CONTROL

Table I attached to this Sampling Plan.

VII. DATA VALIDATION

All steps in the generation, handling and review of data will be analyzed by the TAT Region III QA Officer. Data acceptance of 80% will be considered as 100% completion of the project.

PREPARED BY _____

REVIEWED BY _____

APPROVED BY _____

TABLE I
Attachment to Section VI - Quality Assurance/Quality Control

Parameter	Sample Matrix	Detection Limit	Accuracy Protocol	Required Accuracy	Required Precision	Precision Protocol
Pb, Cu, As, Cd	Sediment	100 ug/kg	Matrix Spike per batch	80% to 120%	±30% RPD	Duplicate per batch
P.P. Metals	Aqueous	10 ug/l	Matrix Spike per batch	80% to 120%	±30% RPD	Duplicate per batch
P.P. BNA	Aqueous	M.D.L.	Matrix and Surrogate Spike per batch*	20% to 130%	±30% RPD	Duplicate per batch

*As per CLP Protocol.

APPENDIX H

FIELD SCREENING OF CONTAINERS/INVENTORY

WESTON • SPER

TTD Number: -

PCS Number: 157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 001

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 1

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ✓
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	✓	✓
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	✓	✓
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ < 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	___	___	> 2000 ppm
pH	___	___	7

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

grey solid pH 7 - 4" in bottom.
ethylbenzene (qus) > 400 ppm
acetone (qus)
Hnu > 2000
> 1/4 full

WESTON • SPER

TTD Number: -

PCS Number: 057

DRUM LOGGING SHEET

SITE: ____

DRUM SIZE:
0 unknown ____
1 55 gal. ✓
2 30 gal. ____
3 other ____
specify ____

DRUM NO. 662

DRUM OPENING:
0 unknown ____
1 ring top ____
2 closed top ✓
3 open top ____
4 other ____
specify ____

SAMPLE NO. ____

DRUM TYPE:
0 unknown ____
1 metal ✓
2 plastic ____
3 fiber ____
4 glass ____
5 other ____
specify ____

SCREENING RESULTS (ANKA):
0 unknown ____
1 radioactive ____
2 acid/oxidizer ____
3 caustic/reducer/cyanide ____
4 flammable organic ____
5 nonflammable organic ____
6 peroxide ____
7 air or water reacting ____
8 inert ____

DRUM COLOR:	PRI	SEC
0 unknown	____	✓
1 cream	____	____
2 clear	____	____
3 black	____	____
4 white	____	____
5 red	✓	____
6 green	____	____
7 blue	____	____
8 brown	____	____
9 pink	____	____
10 orange	____	____
11 yellow	____	____
12 gray	____	____
13 purple	____	____
14 amber	____	____
15 green-blue	____	____

DRUM CONTENTS COLOR:		
0 unknown	____	____
1 cream	____	____
2 clear	____	____
3 black	____	____
4 white	____	____
5 red	____	____
6 green	____	____
7 blue	____	____
8 brown	✓	✓
9 pink	____	____
10 orange	____	____
11 yellow	____	____
12 gray	____	____
13 purple	____	____
14 amber	____	____
15 green-blue	____	____

DRUM CONDITION:
0 unknown ____
1 good ____
2 fair ____
3 poor ✓

DRUM MARKING KEYWORD 1 ____

DRUM MARKING KEYWORD 2 ____

DRUM MARKING KEYWORD 3 ____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	____	____
1 solid	____	____
2 liquid	✓	____
3 sludge	____	____
4 gas	____	____
5 trash	____	____
6 dirt	____	____
7 gel	____	____

DRUM CONTENT AMOUNT:
0 unknown ____
1 full ____
2 part ✓ 3/4
3 empty ____

CHEMICAL ANALYSIS:	YES	NO	
radiation	____	____	
ignitable	____	____	
water reactive	____	____	
cyanide	____	____	
oxidizer	____	____	
organic vapor	____	____	>2000 ppm
pH	____	____	5

SCREENING DATA:

	YES	NO	
RADIOACTIVE	____	____	≥ 1 mR over background
ACIDIC	____	____	pH ≤ 3
CAUSTIC	____	____	pH ≥ 12
AIR REACTIVE	____	____	Reaction of ≥ 10°F temp. change
WATER REACTIVE	____	____	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	____	____	Dissolves in water
WATER BATH OVA	____	____	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	____	____	Catches fire when torched in water bath
HALIDE	____	____	Green flame when heated with copper
INORGANIC	____	____	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	____	____	INORGANIC = No
ALCOHOL/ALDEHYDE	____	____	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	____	____	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	____	____	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	____	____	Starch iodine paper shows positive reaction
INERT OR OTHER	____	____	Everything "No" except INORGANIC or ORGANIC

Hnu 7 2000
No screening
dark brown liquid
pH-5
3/4 Full

WESTON · SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 003

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidiser ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	✓	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	✓
9 pink	___	___
10 orange	___	___
11 yellow	✓	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	✓
2 liquid	✓	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	> 2000 ppm	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dragger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

Hnu > 2000

yellowish green liquid on top, reddish brown solid on bottom

1/2 full

solids from bottom are in glass thief fragments, remainder was thieved from top.

pH = 6

AR100134

WESTON·SPER

TTD Number: -

PCS Number: 1052

DRUM LOGGING SHEET

SITE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 001

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ___
4 other ___
specify ___

SAMPLE NO. 1

DRUM TYPE:
0 unknown ___
1 metal ___
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	X	
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		X
4 white		
5 red		
6 green		
7 blue		
8 brown	X	
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor HNU 1700 ppm		
pH 5		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

pH = 5
HNU = 1700 ppm

AR100135

WESTON·SPER

TTD Number: -

PCS Number: 107

DRUM LOGGING SHEET

SITE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 005

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal ___
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	OR	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	✓	___
2 clear	___	___
3 black	___	X
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	X	___
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 2/3
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	UCC		ppm
pH	NA		

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100136

WESTON • SPER

TTD Number: -

PCS Number: 1 5-

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 501
DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___
DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	X	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	X	___
9 pink	___	X
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	X	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	2000	___	ppm
pH	8		

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100137

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 007

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	X	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___ X
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber X ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full X
2 part ___
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	190	ppm
pH	9	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 008

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	X	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	X	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	100		ppm
pH	5		

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

WESTON • SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. DC9

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	X	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black ___
4 white ___
5 red X
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ~ 3/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	___	___	> 2000 ppm
pH	___	___	5

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100140

WESTON·SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 01C

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	X	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	X	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:

0 unknown	___
1 cream	___
2 clear	___
3 black	X
4 white	___
5 red	___
6 green	___
7 blue	___
8 brown	X
9 pink	___
10 orange	___
11 yellow	___
12 gray	___
13 purple	___
14 amber	___
15 green-blue	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	X	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X < 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	___	___
pH	N/A	

/ 500 ppm

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100141

WESTON • SPER

TTD Number: -

PCS Number: 107

DRUM LOGGING SHEET

SITE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 011

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	X	___
5 red	___	___
6 green	___	___
7 blue	___	X
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	X	X
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X < 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor			>2000 ppm
pH			6

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

WESTON • SPER

TTD Number: -

PCS Number: 055

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 012

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:

0 unknown	
1 cream	
2 clear	X
3 black	
4 white	
5 red	
6 green	
7 blue	
8 brown	X
9 pink	
10 orange	
11 yellow	X
12 gray	
13 purple	
14 amber	
15 green-blue	

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	X	
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ~1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			100 ppm
pH			5

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dragger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

Drager - Ethylbenzol >400

AR100143

WESTON · SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SIZE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. [illegible] L3

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge	X	
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:	
0 unknown	___
1 cream	___
2 clear	___
3 black	X
4 white	___
5 red	___
6 green	___
7 blue	___
8 brown	___
9 pink	___
10 orange	___
11 yellow	___
12 gray	___
13 purple	___
14 amber	___
15 green-blue	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/3
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			[illegible] ppm
pH			N/A

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dräger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100144

WESTON • SPER

TTD Number: -

PCS Number: 157

DRUM LOGGING SHEET

SITE: ____ DRUM NO. ~~5~~A SAMPLE NO. ____

DRUM SIZE:
- 0 unknown ___
- 1 55 gal. X
- 2 30 gal. ___
- 3 other ___
- specify ___

DRUM OPENING:
- 0 unknown ___
- 1 ring top ___
- 2 closed top ✓
- 3 open top ___
- 4 other ___
- specify ___

DRUM TYPE:
- 0 unknown ___
- 1 metal ✓
- 2 plastic ___
- 3 fiber ___
- 4 glass ___
- 5 other ___
- specify ___

SCREENING RESULTS (AREA):
- 0 unknown
- 1 radioactive ___
- 2 acid/oxidizer ___
- 3 caustic/reducer/cyanide ___
- 4 flammable organic ___
- 5 nonflammable organic ___
- 6 peroxide ___
- 7 air or water reactive ___
- 8 inert ___

DRUM COLOR: PRI SEC
- 0 unknown ✓ ✓
- 1 cream
- 2 clear
- 3 black
- 4 white
- 5 red
- 6 green
- 7 blue
- 8 brown
- 9 pink
- 10 orange
- 11 yellow
- 12 gray
- 13 purple
- 14 amber
- 15 green-blue

DRUM CONDITION:
- 0 unknown ___
- 1 good ___
- 2 fair X
- 3 poor ___

DRUM MARKING KEYWORD 1 ____

DRUM MARKING KEYWORD 2 ____

DRUM MARKING KEYWORD 3 ____

DRUM CONTENTS STATE: PRI SEC
- 0 unknown
- 1 solid X
- 2 liquid
- 3 sludge
- 4 gas
- 5 trash
- 6 dirt
- 7 gel

DRUM CONTENTS COLOR:
- 0 unknown
- 1 cream
- 2 clear
- 3 black
- 4 white
- 5 red
- 6 green
- 7 blue
- 8 brown
- 9 pink
- 10 orange
- 11 yellow
- 12 gray
- 13 purple
- 14 amber
- 15 green-blue

Gray

DRUM CONTENT AMOUNT:
- 0 unknown ___
- 1 full ___
- 2 part X 1/4
- 3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	>2000 ppm	
pH	N/A	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WL ·DP4 (Assessment #)

WESTON·SPER

TTD Number: -

PCS Number: 151

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 15

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidiser ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	X	X
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidiser			
organic vapor	1200		ppm
pH	5		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = _____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dräger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100146

WESTON • SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. #2

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 1

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	X	X
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red	X	
6 green		
7 blue		
8 brown		X
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 2/3
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			1500 ppm
pH			5

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dracger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 17

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange X X
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor X

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	X	
3 sludge		X
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X V3
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor	1500		ppm
pH	5		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100148

WESTON • SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 1 ✓

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	N/A
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	X	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair N
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	>2000 ppm	___
pH	5	___

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

over pack bent (rim)

AR100149

WESTON·SPER

TTD Number: -

PCS Number: 1167

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 10

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	X	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	X	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	X	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radioactive	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	1000		ppm
pH	N/A		

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100150

WESTON·SPER

TTD Number: -

PCS Number: 1152

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 20

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	?	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ X
11 yellow ___ X
12 gray X ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	X	___
2 liquid	___	X
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	1592 ppm	
pH	7	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100151

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 2

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal ___
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	X	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black X
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	X	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radioactive	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	250 ppm	
pH	7	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SESA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number:

PCS Number:

DRUM LOGGING SHEET

SITE: _____
DRUM SIZE:
0 unknown ___
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 23
DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___
DRUM TYPE:
0 unknown ___
1 metal ___
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part 1 2/3
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	1000 ppm	
pH	5	

SCREENING DATA:	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 023

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top X
4 other ___
specify ___

SAMPLE NO. 023

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	N/A
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	X	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:	
0 unknown	N/A
1 cream	___
2 clear	___
3 black	___
4 white	___
5 red	___
6 green	X
7 blue	___
8 brown	___
9 pink	___
10 orange	___
11 yellow	___
12 gray	___
13 purple	___
14 amber	___
15 green-blue	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	5750 ppm	
pH	5	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

Acetone = NR

Ethyl Benzene ~160 After the Pump

AR100154

WESTON·SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 024

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top X
4 other ___
specify ___

SAMPLE NO. 024

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	X	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	X
15 green-blue	X	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full X
2 part ___
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	0 ppm	
pH	5-6	

SCREENING DATA:	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

acts like glue - very sticky.

AR100155

WESTON • SPER

TTD Number: -

PCS Number: 155

025

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 025

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top X
4 other ___
specify ___

SAMPLE NO. 025

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 grey	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor X

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	✓
1 solid	___	___
2 liquid	✓	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	X	___
9 pink	X	___
10 orange	___	___
11 yellow	___	___
12 grey	___	X
13 purple	___	___
14 amber	___	X
15 green-blue	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 3/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	1000+	ppm
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

↳ Mix of different Colors

AR100156

WESTON·SPER

TTD Number: -

PCS Number: 1153

DRUM LOGGING SHEET

SITE: ____ DRUM NO. E26 SAMPLE NO. ____

DRUM SIZE:
0 unknown ____
1 55 gal. ✓
2 30 gal. ____
3 other ____
specify ____

DRUM OPENING:
0 unknown ____
1 ring top ____
2 closed top ✓
3 open top ____
4 other ____
specify ____

DRUM TYPE: ____
0 unknown ____
1 metal ✓
2 plastic ____
3 fiber ____
4 glass ____
5 other ____
specify ____

SCREENING RESULTS (AREA):
0 unknown
1 radioactive ____
2 acid/oxidizer ____
3 caustic/reducer/cyanide ____
4 flammable organic ____
5 nonflammable organic ____
6 peroxide ____
7 air or water reactive ____
8 inert ____

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ____
1 good ____
2 fair ____
3 poor ✓

DRUM MARKING KEYWORD 1 ____

DRUM MARKING KEYWORD 2 ____

DRUM MARKING KEYWORD 3 ____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		✓
2 liquid	✓	
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		✓
13 purple		
14 amber	✓	
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ____
1 full ____
2 part ✓ < 1/4
3 empty ____

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	1000 ppm	
pH		

> 1000 OVA pH 6

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC ALCOHOL/ALDEHYDE			INORGANIC = No WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number: 157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 157

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 157

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidiser ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		✓
2 liquid	✓	
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear	✓	
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		✓
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 2/3
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	>1000 ppm OVA	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/KETONE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

ethylbenzene - positive (150)
acetone - negative

WESTON·SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. [illegible]

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. [illegible]

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	✓	✓
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange	✓	✓
11 yellow	✓	✓
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ ¼
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	>[illegible] ppm	
pH	[illegible]	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

>1000 OVA

>2000 HNU

not enough sample to determine pH

WESTON·SPER

TTD Number: -

PCS Number: 157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 134

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 122

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	✓	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	✓	✓
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	✓	✓

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ <1/2 >1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	>2000	___	ppm
pH	6		

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dragger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

>1000 OVA
>2000 Hnu

AR100160

WESTON·SPER

TTD Number: -

PCS Number: 1152

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 630

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 630

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	✓	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ✓ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ✓ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	✓
2 liquid	___	___
3 sludge	✓	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	>2000 ppm	
pH	7	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

>1000 OVA
>2000 HNu

AR100161

WESTON·SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 03

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 03

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel	✓	✓

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber	✓	✓
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 2/3
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			>2000 ppm
pH			6

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

>2000 Hnu

>1000 OVA

AR100162

WESTON • SPER

TTD Number: -

PCS Number: 153

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 032

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 032

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	✓	___
3 sludge	___	✓
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	✓	✓
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	>2000		ppm
pH	6		

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

>2000 Hnu
>1000 OVA

AR100163

WESTON·SPER

TTD Number: -

PCS Number: 153

DRUM LOGGING SHEET

SITE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 053

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 033

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber	✓	✓
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	✓	✓
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber	✓	✓
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	>2000 ppm	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/KETONE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dräger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

> 2000 ppm Hnu
> 1000 ppm OVA

AR100164

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 034

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 034

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	✓	✓
9 pink	___	___
10 orange	✓	✓
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ✓ ✓
9 pink ___ ___
10 orange ✓ ✓
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	✓	✓
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	1200 ppm	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

1200 ppm HNU

>1000 ppm OVA

AR100165

WESTON • SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. [illegible]

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. [illegible]

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:

0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	✓	___
9 pink	___	✓
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	✓
2 liquid	✓	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	>2000	___	ppm
pH	___	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

>2000 ppm Hnu

>1000 OVA

WESTON·SPER

TTD Number: -

PCS Number: 1151

DRUM LOGGING SHEET

SITE: _____

DRUM NO. C36

SAMPLE NO. C36

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (ANKA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	✓	
3 sludge		✓
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear	✓	
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		✓
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	400 ppm Amb	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100167

WESTON·SPER

TTD Number: -

PCS Number: 152

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 037

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

SAMPLE NO. 037

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidiser ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	✓	
3 sludge		✓
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear	✓	
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		✓
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidiser		
organic vapor	300 ppm Hnu	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100168

WESTON·SPER

TTD Number: -

PCS Number: 52

DRUM LOGGING SHEET

SITE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 032

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 52

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 ____

DRUM MARKING KEYWORD 2 ____

DRUM MARKING KEYWORD 3 ____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	✓	
3 sludge		✓
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear	✓	
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		✓
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	1500 ppm Hnu	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH OVA			Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC ALCOHOL/ALDEHYDE			INORGANIC = No WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

water + sludge

AR100169

WESTON·SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. [illegible]

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

SAMPLE NO. [illegible]

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	✓
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	✓	✓
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ ½
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	500		ppm bkg
pH	6		

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100170

WESTON • SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: ________

DRUM SIZE:
- 0 unknown ___
- 1 55 gal. ___
- 2 30 gal. ___
- 3 other ___
- specify ___

DRUM NO. [illegible]

DRUM OPENING:
- 0 unknown ___
- 1 ring top ___
- 2 closed top ✓
- 3 open top ___
- 4 other ___
- specify ___

SAMPLE NO. [illegible]

DRUM TYPE:
- 0 unknown ___
- 1 metal ✓
- 2 plastic ___
- 3 fiber ___
- 4 glass ___
- 5 other ___
- specify ___

SCREENING RESULTS (AREA):
- 0 unknown
- 1 radioactive ___
- 2 acid/oxidizer ___
- 3 caustic/reducer/cyanide ___
- 4 flammable organic ___
- 5 nonflammable organic ___
- 6 peroxide ___
- 7 air or water reactive ___
- 8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black	✓	✓
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow	✓	✓
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
- 0 unknown ___
- 1 good ___
- 2 fair ___
- 3 poor ✓

DRUM MARKING KEYWORD 1 ________

DRUM MARKING KEYWORD 2 ________

DRUM MARKING KEYWORD 3 ________

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	✓	✓
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
- 0 unknown ___
- 1 full ___
- 2 part ✓ 1/4
- 3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	40 ppm Hnu	
pH	N/D	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			$\geq$ 1 mR over background
ACIDIC			pH $\leq$ 3
CAUSTIC			pH $\geq$ 12
AIR REACTIVE			Reaction of $\geq$ 10°F temp. change
WATER REACTIVE			Reaction of $\geq$ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ___ $\geq$ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC ALCOHOL/ALDEHYDE			INORGANIC = No WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath $\geq$ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint $\leq$ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number: 157

DRUM LOGGING SHEET

SITE: _____

DRUM NO. 001

SAMPLE NO 001

SCREENING RESULTS (AREA):

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM OPENING:
0 unknown
1 ring top
2 closed top ✓
3 open top
4 other
specify

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

0 unknown
1 radioactive
2 acid/oxidiser
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown
1 good
2 fair
3 poor ✓

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	✓	✓
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber	✓	✓
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/4
3 empty

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	Zero ppm Hnu	
pH	12	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. UL2

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ___
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal ___
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 soil	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ___
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	___	___	ppm
pH		5	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH QNA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH QNA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH QNA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

WESTON • SPER

TTD Number: -

PCS Number: 157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal.
2 30 gal.
3 other
specify

DRUM NO. 157

DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top
4 other
specify

SAMPLE NO. 005

DRUM TYPE:
0 unknown
1 metal
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge		
4 gas		
5 crush		
6 plug		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part 1/8
3 empty

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	750 ppm	
pH	5	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dragger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal.
2 30 gal.
3 other
specify

DRUM NO. _____

DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top
4 other
specify

SAMPLE NO. _____

DRUM TYPE:
0 unknown
1 metal
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reacting
8 inert

DRUM COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge		
4 gas		
5 crush		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part
3 empty

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			ppm
pH			

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH < 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH QUA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QUA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QUA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dräger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reacting
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal.
2 30 gal.
3 other
specify

DRUM NO.
DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top
4 other
specify

SAMPLE NO.
DRUM TYPE:
0 unknown
1 metal
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown
1 good
2 fair
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge		
4 gas		
5 crash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part
3 empty

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			1500 ppm
pH			

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QNA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QNA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No WATER BATH QNA, WATER SOLUBLE and
ALCOHOL/ALDEHYDE			COMBUSTIBLE = Yes
CYANIDE			Dräger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 6

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ___
4 other ___
specify ___

SAMPLE NO. 6

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:		
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ___

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge	✓	✓
4 gas		
5 crush		
6 fire		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor	1-2		ppm
pH	6		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE			Torches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100177

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 47

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

SAMPLE NO. 47

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ✓
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	✓	✓
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	200 ppm	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Torches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH QA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH QA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 048

DRUM OPENING:
0 unknown
1 ring top
2 slipped top
3 open top
4 other
specify

SAMPLE NO. 045

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR: PRI SEC

	PRI	SEC
0 unknown		✓
1 cream		
2 clear		
3 black		
4 white	✓	
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:

0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange	✓	✓
11 yellow		✓
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE: PRI SEC

	PRI	SEC
0 unknown		
1 solid	✓	✓
2 liquid		
3 sludge		
4 gas		
5 crush		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/4
3 empty

CHEMICAL ANALYSIS:

	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizing		
organic vapor	600 ppm	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH GVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH GVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH GVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. BW-4

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. BW-4

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ✓
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	✓	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ✓
2 part ___
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	755		ppm
pH	___		

SCREENING DATA:	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH < 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH QAA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH QAA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH QAA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

water over yellow resin

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 150

DRUM OPENING:
0 unknown
1 ring top
2 closed top ✓
3 open top
4 other
specify

SAMPLE NO. 150

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear ✓
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow ✓
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		✓
2 liquid	✓	
3 sludge		
4 gas		
5 crush		
6 disp		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part 2/3
3 empty

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	0.0	ppm
pH	12	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QAA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QAA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QAA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SEPA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
HEAT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100181

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal.
2 30 gal.
3 other
specify

DRUM NO. 001
DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top
4 other
specify

SAMPLE NO. 001
DRUM TYPE:
0 unknown
1 metal
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR: PRI SEC
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE: PRI SEC
0 unknown
1 solid
2 liquid
3 sludge
4 gas
5 trash
6 dirt
7 gel

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part
3 empty

CHEMICAL ANALYSIS: YES NO
radiation
ignitable
water reactive
cyanide
oxidizer
organic vapor 10 ppm
pH 12

SCREENING DATA: YES NO

RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No, WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
ALCOHOL/ALDEHYDE			Dreager tube over water bath ≥ 2 ppm
CYANIDE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
FLAMABLE			Starch iodine paper shows positive reaction
OXIDIZER			Everything "No" except INORGANIC or ORGANIC
INERT OR OTHER			

AR100182

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 057

DRUM OPENING:
0 unknown
1 ring top
2 closed top ✓
3 open top
4 other
specify

SAMPLE NO. 052

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown	✓	
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:

0 unknown		
1 cream		
2 clear		
3 black	✓	✓
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow	✓	✓
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	✓	✓
2 liquid		
3 sludge		
4 gas		
5 crush		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/8
3 empty

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizing		
organic vapor	12 ppm	
pH	2	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QUA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QUA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QUA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

solid pH not determined

WESTON · SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. /
2 30 gal.
3 other
specify

DRUM NO. 453
DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top /
4 other
specify

SAMPLE NO. 453
DRUM TYPE:
0 unknown
1 metal /
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown	/	/
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow /
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair
3 poor /

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	/	/
1 solid		
2 liquid		
3 sludge		
4 gas		
5 crush		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part 1/8
3 empty

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	500 ppm	
pH		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when touched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

solid - ppt not determined
Dreager - Acetone - negative
ethylbenzene - positive (75 ppm)

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal.
2 30 gal.
3 other
specify

DRUM NO. 04
DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top
4 other
specify

SAMPLE NO. 04
DRUM TYPE:
0 unknown
1 metal
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part
3 empty

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			150 ppm
pH			6

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 1
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown /
1 55 gal. /
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 05
DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top /
3 open top ___
4 other ___
specify ___

SAMPLE NO. 05
DRUM TYPE:
0 unknown ___
1 metal /
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reacting ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown / /
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange / /
11 yellow / /
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair /
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE: PRI SEC
0 unknown ___ ___
1 solid / /
2 liquid ___ ___
3 sludge ___ ___
4 gas ___ ___
5 crush ___ ___
6 dirt ___ ___
7 gel ___ ___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part /
3 empty ___

CHEMICAL ANALYSIS: YES NO
radioactive ___ ___
ignitable ___ ___
water reactive ___ ___
cyanide ___ ___
oxidizer ___ ___
organic vapor 150 ppm
pH ___

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH < 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH QNA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath.
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH QNA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH QNA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AH not determined (solid)

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 050

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ___
4 other ___
specify ___

SAMPLE NO. 050

DRUM TYPE:
0 unknown ___
1 metal ___
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown ___ ✓
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ✓ ✓
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ✓
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE: PRI SEC
0 unknown ___ ___
1 solid ___ ___
2 liquid ___ ___
3 sludge ✓ ✓
4 gas ___ ___
5 crash ___ ___
6 disc ___ ___
7 gel ___ ___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 4/4
3 empty ___

CHEMICAL ANALYSIS: YES NO
radiation ___ ___
ignitable ___ ___
water reactive ___ ___
cyanide ___ ___
oxidizer ___ ___
organic vapor ___ 500 ppm
pH _____

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 3 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH QNA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH QNA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH QNA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

pH not determined (small sample)

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 057

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

SAMPLE NO. 057

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:		
0 unknown	✓	
1 cream		
2 clear	✓	
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		✓
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	✓	
3 sludge		✓
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radioactive		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	1000 ppm Hnu	
pH		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH O/A			Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH O/A and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH O/A, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 057

DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top
4 other
specify

SAMPLE NO. 153

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR: PRI SEC
0 unknown ✓
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber ✓ ✓
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair
3 poor ✓

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE: PRI SEC
0 unknown
1 solid ✓
2 liquid
3 sludge
4 gas
5 crush
6 dirt
7 gel

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/4
3 empty

CHEMICAL ANALYSIS: YES NO
radiation
ignitable
water reactive
cyanide
oxidizer
organic vapor 1500 ppm
pH

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 uR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QNA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Torches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QNA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QNA, WATER SOLUBLE and
CYANIDE			COMBUSTIBLE = Yes
FLAMMABLE			Bromger tube over water bath ≥ 2 ppm
OXIDIZER			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
INERT OR OTHER			Starch iodine paper shows positive reaction
			Everything "No" except INORGANIC or ORGANIC

pH not determined (solid)

AR100189

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 054
DRUM OPENING:
0 unknown
1 ring top
2 closed top ✓
3 open top
4 other
specify

SAMPLE NO. 054
DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown		✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		✓
3 sludge	✓	
4 gas		
5 trash		
6 glass		
7 gel		

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black	✓	✓
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 4/8
3 empty

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	300 ppm	
pH		

SCREENING DATA:	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH O/A			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Torches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH O/A and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH O/A, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

pH not determined due to nature of sample (sludge)

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. DLC

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

SAMPLE NO. DLC

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidiser ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	✓	✓
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ✓
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	✓	✓
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 crush	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ✓
2 part ___ 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	___	___	200 ppm
pH	___		___

SCREENING DATA:	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH O/A	___	___	Reading = ___ > 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath.
HALIDE	___	___	Green flame when heated with copper.
INORGANIC	___	___	WATER BATH O/A and COMBUSTIBLE = No. INORGANIC = No.
ORGANIC	___	___	WATER BATH O/A, WATER SOLUBLE and COMBUSTIBLE = Yes.
ALCOHOL/ALDEHYDE	___	___	Draeger tube over water bath ≥ 2 ppm. COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F.
CYANIDE	___	___	Starch iodine paper shows positive reaction.
FLAMMABLE	___	___	Everything "No" except INORGANIC or ORGANIC
OXIDIZER	___	___	
INERT OR OTHER	___	___	

pH not determined (solid)

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. /
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 1

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top /
3 open top ___
4 other ___
specify ___

SAMPLE NO. 1

DRUM TYPE:
0 unknown ___
1 metal /
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidiser ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reacting ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	/	/
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black /
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair /
3 poor ___

DRUM MARKING KEYWORD 1 ___

DRUM MARKING KEYWORD 2 ___

DRUM MARKING KEYWORD 3 ___

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	/	/
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 pipe	___	___
7 soil	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part / 44
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	200 ppm	
pH	___	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH < 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___		Dissolves in water.
WATER BATH QNA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH QNA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH QNA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

pH not determined - Solid

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 017

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

SAMPLE NO. 112

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black ✓
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	✓	✓
2 liquid		
3 sludge		
4 gas		
5 crush		
6 fill		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	0	ppm
pH		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

pH not determined (solid)

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 003

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 003

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 ___

DRUM MARKING KEYWORD 2 ___

DRUM MARKING KEYWORD 3 ___

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge		
4 gas		
5 crush		
6 pipe		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/3
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	300	ppm
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction at ≥ 10°F temp. change
WATER REACTIVE			Reaction at ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QNA			Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QNA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QNA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 0124

DRUM OPENING:
0 unknown
1 ring top
2 closed top ✓
3 open top ✓
4 other
specify

SAMPLE NO. 124

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red	✓	✓
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor ✓

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	✓	
3 sludge		✓
4 gas		
5 trash		
6 glass		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/2
3 empty

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor	500		ppm
pH			

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QUA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QUA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QUA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

pH not determined, pH paper was painted red

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 165

DRUM OPENING:
0 unknown
1 ring top
2 closed top ✓
3 open top
4 other
specify

SAMPLE NO. 165

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber ✓
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	✓	✓
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/4
3 empty

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	10 ppm	
pH		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 3 mR over background
ACIDIC			pH < 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QNA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Torches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QNA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QNA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dragger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint < 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

pH not determined - solid

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. /
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 01 ___

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top /
4 other ___
specify ___

SAMPLE NO. 01

DRUM TYPE:
0 unknown ___
1 metal /
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert /

DRUM COLOR:	PRI	SEC
0 unknown	/	/
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair /
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge	/	/
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part / 1/4
3 empty ___

DRUM CONTENTS COLOR:	
0 unknown	
1 cream	
2 clear	
3 black	
4 white	
5 red	/
6 green	
7 blue	
8 brown	
9 pink	
10 orange	
11 yellow	
12 gray	
13 purple	
14 amber	
15 green-blue	

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor		20 ppm
pH		

SCREENING DATA:	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 1
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH GVA			Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH GVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH GVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

no pH, not enough sample

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 167

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 167

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		✓
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber	✓	
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	✓	
3 sludge		✓
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor	20		ppm
pH	0		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dräger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100198

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. 61
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 068

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top X
4 other ___
specify ___

SAMPLE NO. 068

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reacting ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown X
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red X
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor X

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE: PRI SEC
0 unknown
1 solid X
2 liquid
3 sludge X
4 gas
5 crush
6 dirt
7 gel

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/2
3 empty ___

CHEMICAL ANALYSIS: YES NO
radiation ___ ___
ignitable ___ ___
water reactive ___ ___
cyanide ___ ___
oxidizer ___ ___
organic vapor ___ 100 ppm
pH ___

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH < 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH QRA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH QRA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH QRA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

no ph - sludge

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ✓
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 01-04

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 01-04

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidiser ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	✓	___
12 gray	___	✓
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ✓
3 poor ___

DRUM MARKING KEYWORD 3 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 1 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	✓
3 sludge	✓	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 soil	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ ½
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidiser	___	___
organic vapor	___	750 ppm
pH	___	6

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH < 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodide paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100200

WESTON · SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ✓
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 070

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

SAMPLE NO. 076

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ✓ ✓
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	✓	___
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 crush	___	___
6 slurry	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	___	15 ppm
pH	___	___

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH GMA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH GMA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH GMA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SEMA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

pH not determined - solid

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 171
DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top ✓
4 other
specify

SAMPLE NO. 171
DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR: PRI SEC
0 unknown ✓ ✓
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green ✓ ✓
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE: PRI SEC
0 unknown
1 solid ✓ ✓
2 liquid
3 sludge
4 gas
5 trash
6 dirt
7 gel

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/2
3 empty

CHEMICAL ANALYSIS: YES NO
radiation
ignitable
water reactive
cyanide
oxidizer
organic vapor 3 ppm
pH

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH < 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH QWA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath.
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QWA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QWA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dräger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F.
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

no pH determined - solid

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 072

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ___
4 other ___
specify ___

SAMPLE NO. 071

DRUM TYPE:
0 unknown ___
1 metal ___
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown ✓ ✓
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green ✓ ✓
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE: PRI SEC
0 unknown
1 solid ✓ ✓
2 liquid
3 sludge ✓ ✓
4 gas
5 trash
6 dirt
7 gel

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/4
3 empty ___

CHEMICAL ANALYSIS: YES NO
radiation ___ ___
ignitable ___ ___
water reactive ___ ___
cyanide ___ ___
oxidizer ___ ___
organic vapor 200 ppm
pH _____

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

no pH = solid

AR100203

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 073

DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top ✓
4 other
specify

SAMPLE NO. 073

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black	✓	
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown
1 good ✓
2 fair
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	✓	
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black	✓	
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/4
3 empty

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor		460 ppm
pH		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

pH not determined; small sample size

AR100204

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. /
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 074

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top /
4 other ___
specify ___

SAMPLE NO. 074

DRUM TYPE:
0 unknown ___
1 metal /
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	/	/
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black / /
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair /
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	/	/
4 gas	___	___
5 crush	___	___
6 air	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part / 2/3
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	300 ppm	
pH	4	

SCREENING DATA:	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 075

DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top ✓
4 other
specify

SAMPLE NO. 075

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR: PRI SEC

	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:

0 unknown		
1 cream		
2 clear	✓	
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor ✓

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE: PRI SEC

	PRI	SEC
0 unknown		
1 solid		
2 liquid	✓	
3 sludge		
4 gas		
5 crush		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/4
3 empty

CHEMICAL ANALYSIS:

	YES	NO
radioactive		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	20 ppm	
pH		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QNA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Torches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QNA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QNA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

Sample discolors filt paper - N/D

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. /
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 76
DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top /
3 open top ___
4 other ___
specify ___

SAMPLE NO. 670
DRUM TYPE:
0 unknown ___
1 metal /
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidiser ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reacting ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	/	/
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red / ___
6 green ___ ___
7 blue ___ ___
8 brown / ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor /

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	/	___
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 crush	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part 1/2
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	10 ppm	
pH	___	

SCREENING DATA:	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH ONA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH ONA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH ONA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

pH not determined - solid

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ___
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 23

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ___
4 other ___
specify ___

SAMPLE NO. 077

DRUM TYPE:
0 unknown ___
1 metal ___
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	500		ppm
pH	___		

SCREENING DATA:	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH < 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath.
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SESA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

pH not determined - Solid

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 7
DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 03
DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (ANSA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reaction ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black X
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge - NOT	X	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	10	___	ppm
pH	___		

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH O/A	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when touched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH O/A and COMBUSTIBLE = No INORGANIC = No
ORGANIC			WATER BATH O/A,
ALCOHOL/ALDEHYDE	___	___	WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

Sample discolors pH paper

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 74
DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top ✓
4 other
specify

SAMPLE NO. 079
DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber	✓	
15 green-blue		

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	✓	
3 sludge		
4 gas		
5 trash		
6 pics		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/4
3 empty

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor	400		ppm
pH			

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH < 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Torches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

pH not determined - sludge

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. DEC

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

SAMPLE NO. DEC

DRUM TYPE:
0 unknown ___
1 metal ___
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:	
0 unknown	
1 cream	
2 clear	
3 black	
4 white	
5 red	
6 green	
7 blue	
8 brown	
9 pink	
10 orange	
11 yellow	
12 gray	
13 purple	✓
14 amber	
15 green-blue	

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge	✓	
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 3/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			40 ppm
pH			6

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 uR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QRA			Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QRA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QRA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 021

DRUM OPENING:
0 unknown
1 ring top
2 closed top
3 open top ✓
4 other
specify

SAMPLE NO. 01

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:

0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow	✓	
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge	✓	
4 gas		
5 crush		
6 slip		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/4
3 empty

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor		56 ppm
pH		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QNA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QNA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QNA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SESA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

pH not determined - sludge

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 002

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

SAMPLE NO. ___

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reacting ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown ✓ ✓
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber ✓
15 green-blue

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ✓
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE: PRI SEC
0 unknown
1 solid
2 liquid ✓ ✓
3 sludge
4 gas
5 trash
6 dirt
7 gel

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS: YES NO
radiation
ignitable
water reactive
cyanide
oxidizer
organic vapor 200 ppm
pH _____

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH < 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH GVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH GVA and COMBUSTIBLE = No INORGANIC = Yes
ORGANIC			WATER BATH GVA,
ALCOHOL/ALDEHYDE			WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodide paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

pH paper discolored by sample

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 003

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ___
3 open top ✓
4 other ___
specify ___

SAMPLE NO. 003

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ✓ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ✓
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE: PRI SEC
0 unknown ___ ___
1 solid ✓ ___
2 liquid ___ ___
3 sludge ___ ___
4 gas ___ ___
5 crush ___ ___
6 fire ___ ___
7 gel ___ ___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/2
3 empty ___

CHEMICAL ANALYSIS: YES NO
radiation ___ ___
ignitable ___ ___
water reactive ___ ___
cyanide ___ ___
oxidizer ___ ___
organic vapor ___ 10 ppm
pH ___

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH O/A	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH O/A and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH O/A, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

pH not determined - solid

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 004

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 004

DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	✓	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	✓	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ___
3 poor ✓

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	✓	___
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 crush	___	___
6 slick	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ✓ 1/8
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	___	___	10 ppm
pH	___	___	___

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH < 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 20°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH O/A	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath.
HALIDE	___	___	Green flame when heated with copper.
INORGANIC	___	___	WATER BATH O/A and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH O/A, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction.
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

no pH - solid

AR100215

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____
DRUM SIZE:
0 unknown ___
1 55 gal. ✓
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 85
DRUM OPENINGS:
0 unknown ___
1 ring top ___
2 closed top ✓
3 open top ___
4 other ___
specify ___

SAMPLE NO. 085
DRUM TYPE:
0 unknown ___
1 metal ✓
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	✓	
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown X
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair ✓
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid		
3 sludge	X	
4 gas		
5 trash		
6 pipe		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			430 ppm
pH			

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH < 1
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QNA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QNA and COMBUSTIBLE = No INORGANIC = Yes
ORGANIC			WATER BATH QNA, WATER SOLUBLE and COMBUSTIBLE = Yes
ALCOHOL/ALDEHYDE			Dreager tube over water bath ≥ 2 ppm
CYANIDE			COMBUSTIBLE = Yes, and
FLAMMABLE			DELTA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

sample discolors pH paper

AR100216

WESTON · SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 026
DRUM OPENING:
0 unknown
1 ring top
2 closed top ✓
3 open top
4 other
specify

SAMPLE NO. 026
DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber ✓
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid ✓	✓	
3 sludge		
4 gas		
5 trash		
6 glass		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full ✓ 1/4
2 part
3 empty

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	40 ppm	
pH	1	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 uR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100217

WESTON • SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 007
DRUM OPENING:
0 unknown
1 ring top
2 closed top ✓
3 open top
4 other
specify

SAMPLE NO. 007
DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber	✓	
15 green-blue		

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid viscous	✓	
3 sludge		
4 gas		
5 crush		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 1/4
3 empty

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor	400		ppm
pH			

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH < 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH QNA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QNA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QNA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

sample discolors pH paper

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. 02

DRUM OPENING:
0 unknown
1 ring top
2 closed top ✓
3 open top
4 other
specify

SAMPLE NO. 02

DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR:	PRI	SEC
0 unknown	✓	✓
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair ✓
3 poor

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid ✓	✓	
3 sludge		
4 gas		
5 crush		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ XL
3 empty

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizing			
organic vapor	XXX		ppm
pH		0	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 3 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number:

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. ✓
2 30 gal.
3 other
specify

DRUM NO. D-1
DRUM OPENING:
0 unknown
1 ring top
2 closed top ✓
3 open top
4 other
specify

SAMPLE NO. 084
DRUM TYPE:
0 unknown
1 metal ✓
2 plastic
3 fiber
4 glass
5 other
specify

SCREENING RESULTS (AREA):
0 unknown
1 radioactive
2 acid/oxidizer
3 caustic/reducer/cyanide
4 flammable organic
5 nonflammable organic
6 peroxide
7 air or water reactive
8 inert

DRUM COLOR: PRI SEC
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONTENTS COLOR:
0 unknown
1 cream
2 clear
3 black
4 white
5 red
6 green ✓
7 blue
8 brown
9 pink
10 orange
11 yellow
12 gray
13 purple
14 amber
15 green-blue

DRUM CONDITION:
0 unknown
1 good
2 fair
3 poor ✓

DRUM MARKING KEYWORD 1

DRUM MARKING KEYWORD 2

DRUM MARKING KEYWORD 3

DRUM CONTENTS STATE: PRI SEC
0 unknown
1 solid ✓
2 liquid
3 sludge
4 gas
5 trash
6 dirt
7 gel

DRUM CONTENT AMOUNT:
0 unknown
1 full
2 part ✓ 2/4
3 empty

CHEMICAL ANALYSIS: YES NO
radiation
ignitable
water reactive
cyanide
oxidizer
organic vapor pc ppm 200
pH pc

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH QWA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH QWA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH QWA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dragger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

plt not determined - solid

WESTON · SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

DATE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 090

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 090

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	X	
3 sludge		
4 gas		
5 crush		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber	X	
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor		
pH	6	

ppm

Viscous liquid

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dräger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON · SPER

TTD Number: -

PCS Number: 1167

DRUM LOGGING SHEET

Site: _____

Drum Size:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

Drum No. 091

Drum Opening:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

Sample No. 091

Drum Type:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

Screening Results (Area):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

Drum Color:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

Drum Contents Color:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	X
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	X	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

Drum Condition:
0 unknown ___
1 good ___
2 fair X
3 poor ___

Drum Marking Keyword 1 _____

Drum Marking Keyword 2 _____

Drum Marking Keyword 3 _____

Drum Contents State:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	X
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

Drum Content Amount:
0 unknown ___
1 full ___
2 part X 1/3
3 empty ___

Chemical Analysis:	Yes	No
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	5700 ppm	
pH	6	

Screening Data:

	Yes	No	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100222

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

DATE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 092

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 092

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown X X
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber X ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE: PRI SEC
0 unknown ___ ___
1 solid X ___
2 liquid ___ ___
3 sludge ___ ___
4 gas ___ ___
5 trash ___ ___
6 dirt ___ ___
7 gel ___ ___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 3/4
3 empty ___

CHEMICAL ANALYSIS: YES NO
radiation ___ ___
ignitable ___ ___
water reactive ___ ___
cyanide ___ ___
oxidizer ___ ___
organic vapor _____ ppm
pH _____

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100223

WESTON·SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 023

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 023

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown X X
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray X ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE: PRI SEC
0 unknown
1 solid X ___
2 liquid ___ ___
3 sludge ___ ___
4 gas ___ ___
5 crush ___ ___
6 dirt ___ ___
7 gel ___ ___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/3
3 empty ___

CHEMICAL ANALYSIS: YES NO
radiation ___ ___
ignitable ___ ___
water reactive ___ ___
cyanide ___ ___
oxidizer ___ ___
organic vapor >1000 ppm
pH ___

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100224

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

Date: ____

Drum Size:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

Drum No. 094

Drum Opening:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

Sample No. 094

Drum Type:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

Screening Results (Area):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

Drum Color:	Pri	Sec
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

Drum Contents Color:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green	X	X
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

Drum Condition:
0 unknown ___
1 good ___
2 fair X
3 poor ___

Drum Marking Keyword 1 _____

Drum Marking Keyword 2 _____

Drum Marking Keyword 3 _____

Drum Contents State:	Pri	Sec
0 unknown		
1 solid		
2 liquid	X	
3 sludge		X
4 gas		
5 trash		
6 dirt		
7 gel		

Drum Content Amount:
0 unknown ___
1 full ___
2 part X
3 empty ___

3/4/11

Chemical Analysis:	Yes	No
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	71000 ppm	
pH	6	

Screening Data:

	Yes	No	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dragger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

Date: ____

Drum Size:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

Drum No. 095

Drum Opening:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

Sample No. 095

Drum Type:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

Screening Results (Area):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

Drum Color:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

Drum Contents Color:
0 unknown ___
1 cream ___
2 clear ___
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow X
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

Drum Condition:
0 unknown ___
1 good ___
2 fair X
3 poor ___

Drum Marking Keyword 1 _____

Drum Marking Keyword 2 _____

Drum Marking Keyword 3 _____

Drum Contents State:	PRI	SEC
0 unknown		
1 solid	X	
2 liquid		
3 sludge		
4 gas		
5 crush		
6 dirt		
7 gel		

Drum Content Amount:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

Chemical Analysis:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	>1000	
pH	N/A	

ppm

Screening Data:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dräger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 096

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 096

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:	
0 unknown	
1 cream	
2 clear	
3 black	
4 white	
5 red	
6 green	
7 blue	
8 brown	
9 pink	
10 orange	
11 yellow	
12 gray	
13 purple	
14 amber	X
15 green-blue	

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	X	
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 3/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor		
pH	N/A	

ppm

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = _____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

DATE: ____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 097

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 097

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	X	___
2 liquid	___	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENTS COLOR:	
0 unknown	___
1 cream	___
2 clear	___
3 black	___
4 white	___
5 red	X
6 green	___
7 blue	___
8 brown	___
9 pink	___
10 orange	___
11 yellow	___
12 gray	___
13 purple	___
14 amber	___
15 green-blue	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part ___ 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	___	___
pH		

> 1000 ppm
S/M

SCREENING DATA:	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALCOHOLIC	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dragger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100228

WESTON · SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 098

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 098

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:	
0 unknown	___
1 cream	___
2 clear	___
3 black	___
4 white	___
5 red	___
6 green	___
7 blue	___
8 brown	X
9 pink	___
10 orange	___
11 yellow	___
12 gray	___
13 purple	___
14 amber	___
15 green-blue	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full X
2 part ___
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	71000 ppm	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dragger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100229

WESTON • SPER

TTD Number: -

PCS Number: 1159

DRUM LOGGING SHEET

Date: ____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 099

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 099

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	X
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	X	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	X
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full X
2 part ___
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor			3 ppm
pH			6

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100230

WESTON·SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 100

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 100

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green	X	X
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	X	
3 sludge		X
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	71000 ppm	

½/A

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dragger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100231

WESTON • SPER

TTO Number: -

PCS Number: 1157

DRUM LOGGING SHEET

DATE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 101

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 101

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 green		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 plum		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	X	
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 green	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	X	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 plum	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/3
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	71000 ppm	
pH	8/11	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dräger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100232

WESTON·SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

Date: _____

Drum No. 102

Sample No. 102

Drum Size:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

Drum Opening:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

Drum Type:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

Screening Results (Area):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

Drum Color:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

Drum Condition:
0 unknown ___
1 good ___
2 fair X
3 poor ___

Drum Marking Keyword 1 _____

Drum Marking Keyword 2 _____

Drum Marking Keyword 3 _____

Drum Contents State:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	X	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

Drum Contents Color:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	X	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

Drum Content Amount:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

Chemical Analysis:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	71000 ppm	
pH	N/A	

Screening Data:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dragger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100233

WESTON·SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 103

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 103

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown X X
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber X ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE: PRI SEC
0 unknown ___ ___
1 solid ___ ___
2 liquid X ___
3 sludge ___ ___
4 gas ___ ___
5 trash ___ ___
6 dirt ___ ___
7 gel ___ ___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

CHEMICAL ANALYSIS: YES NO
radiation ___ ___
ignitable ___ ___
water reactive ___ ___
cyanide ___ ___
oxidizer ___ ___
organic vapor 7100 ppm
pH 6

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100234

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 104

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 104

DRUM TYPE:
0 unknown ___
1 metal XX
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid		
2 liquid	X	
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown	X	
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	71000 ppm	
pH	N/A	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 1
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 105

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 105

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown X X
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown X ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE: PRI SEC
0 unknown ___ ___
1 solid ___ ___
2 liquid X ___
3 sludge ___ ___
4 gas ___ ___
5 crush ___ ___
6 dirt ___ ___
7 gel ___ ___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/2
3 empty ___

CHEMICAL ANALYSIS: YES NO
radiation ___ ___
ignitable ___ ___
water reactive ___ ___
cyanide ___ ___
oxidizer ___ ___
organic vapor 71000 ppm
pH N/A

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = _____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100236

WESTON · SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 106

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 106

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidiser ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:

0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	X	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	X	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidiser	___	___
organic vapor	7000 ppm	
pH	3/14	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dragger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 107

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 107

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:	
0 unknown	___
1 cream	___
2 clear	___
3 black	___
4 white	___
5 red	___
6 green	___
7 blue	___
8 brown	X
9 pink	___
10 orange	___
11 yellow	___
12 gray	___
13 purple	___
14 amber	___
15 green-blue	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	X	___
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full X
2 part ___
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation	___	___	
ignitable	___	___	
water reactive	___	___	
cyanide	___	___	
oxidizer	___	___	
organic vapor	71000	___	ppm
pH	6		

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100238

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 108

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 108

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:

0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown	X	
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	X	
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor		___ ppm
pH		N/A

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

WESTON·SPER

TTD Number: -
PCS Number: 1/57

DRUM LOGGING SHEET

SITE: ______ DRUM NO. 109 SAMPLE NO. 109

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

DRUM TYPE:
0 unknown
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR: PRI SEC
0 unknown X X
1 cream ___ ___
2 clear ___ ___
3 black ___ ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 grey ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 ______
DRUM MARKING KEYWORD 2 ______
DRUM MARKING KEYWORD 3 ______

DRUM CONTENTS STATE: PRI SEC
0 unknown
1 solid X ___
2 liquid
3 sludge
4 gas ___ ___
5 trash ___ ___
6 dirt ___ ___
7 gel ___ ___

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ___ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

DRUM CONTENTS COLOR:
0 unknown ___ ___
1 cream ___ ___
2 clear ___ ___
3 black X ___
4 white ___ ___
5 red ___ ___
6 green ___ ___
7 blue ___ ___
8 brown ___ ___
9 pink ___ ___
10 orange ___ ___
11 yellow ___ ___
12 gray ___ ___
13 purple ___ ___
14 amber ___ ___
15 green-blue ___ ___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS: YES NO
radiation ___ ___
ignitable ___ ___
water reactive ___ ___
cyanide ___ ___
oxidizer ___ ___
organic vapor ~~70~~ ppm-50ppm
pH ~~NA~~

AR100240

WESTON·SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 110

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 110

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	X	
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green	X	
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	0	ppm
pH	N/A	

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dräger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100241

WESTON · SPER

TTD Number: -

PCS Number: 1159

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 111

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 111

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown	___	___
1 solid	___	___
2 liquid	___	___
3 sludge	X	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENTS COLOR:	PRI	SEC
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	X	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	71000 ppm	
pH	N/A	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dragger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

WESTON · SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 112

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 112

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):

0 unknown	___
1 radioactive	___
2 acid/oxidizer	___
3 caustic/reducer/cyanide	___
4 flammable organic	___
5 nonflammable organic	___
6 peroxide	___
7 air or water reactive	___
8 inert	___

DRUM COLOR:

	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:

0 unknown	___
1 cream	___
2 clear	___
3 black	___
4 white	___
5 red	___
6 green	___
7 blue	___
8 brown	___
9 pink	___
10 orange	___
11 yellow	___
12 gray	___
13 purple	___
14 amber	X
15 green-blue	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:

	PRI	SEC
0 unknown	___	___
1 solid		
2 liquid	X	___
3 sludge	___	___
4 gas	___	___
5 crush	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:

	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	>1000 ppm	
pH	6	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dragger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100243

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM NO. 113

SAMPLE NO. 113

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	X	
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown	X	
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			1000 ppm
pH			

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100244

WESTON • SPER

TTD Number: -

PCS Number: [illegible]

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 122

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 122

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber X
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	X	
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidizer			
organic vapor			100 ppm
pH			

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100245

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 123

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 123

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	X	
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENTS COLOR:		
0 unknown		
1 cream		
2 clear		
3 black	X	
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation		
ignitable		
water reactive		
cyanide		
oxidizer		
organic vapor	4 ppm	
pH		

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Draeger tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100246

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 124

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 124

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	X	___
2 liquid	-	
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENTS COLOR:		
0 unknown	___	___
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	X	___
15 green-blue	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	4 ppm	
pH	___	

SCREENING DATA:

	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Dreager tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100247

WESTON • SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 125
DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 125
DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidizer ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream	___	___
2 clear	___	___
3 black	___	___
4 white	___	___
5 red	___	___
6 green	___	___
7 blue	___	___
8 brown	___	___
9 pink	___	___
10 orange	___	___
11 yellow	___	___
12 gray	___	___
13 purple	___	___
14 amber	___	___
15 green-blue	___	___

DRUM CONTENTS COLOR:
0 unknown
1 cream X ___
2 clear ___
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown ___
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	X	___
2 liquid	___	
3 sludge	___	___
4 gas	___	___
5 trash	___	___
6 dirt	___	___
7 gel	___	___

DRUM CONTENT AMOUNT:
0 unknown ___
1 full
2 part X 1/4
3 empty ___

CHEMICAL ANALYSIS:	YES	NO
radiation	___	___
ignitable	___	___
water reactive	___	___
cyanide	___	___
oxidizer	___	___
organic vapor	50 ppm	
pH	___	___

SCREENING DATA:	YES	NO	
RADIOACTIVE	___	___	≥ 1 mR over background
ACIDIC	___	___	pH ≤ 3
CAUSTIC	___	___	pH ≥ 12
AIR REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER REACTIVE	___	___	Reaction of ≥ 10°F temp. change
WATER SOLUBLE	___	___	Dissolves in water.
WATER BATH OVA	___	___	Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE	___	___	Catches fire when torched in water bath
HALIDE	___	___	Green flame when heated with copper
INORGANIC	___	___	WATER BATH OVA and COMBUSTIBLE = No
ORGANIC	___	___	INORGANIC = No
ALCOHOL/ALDEHYDE	___	___	WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE	___	___	Draeger tube over water bath ≥ 2 ppm
FLAMMABLE	___	___	COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER	___	___	Starch iodine paper shows positive reaction
INERT OR OTHER	___	___	Everything "No" except INORGANIC or ORGANIC

AR100248

WESTON · SPER

TTD Number: -

PCS Number: 1157

DRUM LOGGING SHEET

SITE: _____

DRUM SIZE:
0 unknown ___
1 55 gal. X
2 30 gal. ___
3 other ___
specify ___

DRUM NO. 126

DRUM OPENING:
0 unknown ___
1 ring top ___
2 closed top X
3 open top ___
4 other ___
specify ___

SAMPLE NO. 126

DRUM TYPE:
0 unknown ___
1 metal X
2 plastic ___
3 fiber ___
4 glass ___
5 other ___
specify ___

SCREENING RESULTS (AREA):
0 unknown ___
1 radioactive ___
2 acid/oxidiser ___
3 caustic/reducer/cyanide ___
4 flammable organic ___
5 nonflammable organic ___
6 peroxide ___
7 air or water reactive ___
8 inert ___

DRUM COLOR:	PRI	SEC
0 unknown	X	X
1 cream		
2 clear		
3 black		
4 white		
5 red		
6 green		
7 blue		
8 brown		
9 pink		
10 orange		
11 yellow		
12 gray		
13 purple		
14 amber		
15 green-blue		

DRUM CONTENTS COLOR:
0 unknown ___
1 cream ___
2 clear ___
3 black ___
4 white ___
5 red ___
6 green ___
7 blue ___
8 brown X
9 pink ___
10 orange ___
11 yellow ___
12 gray ___
13 purple ___
14 amber ___
15 green-blue ___

DRUM CONDITION:
0 unknown ___
1 good ___
2 fair X
3 poor ___

DRUM MARKING KEYWORD 1 _____

DRUM MARKING KEYWORD 2 _____

DRUM MARKING KEYWORD 3 _____

DRUM CONTENTS STATE:	PRI	SEC
0 unknown		
1 solid	X	
2 liquid		
3 sludge		
4 gas		
5 trash		
6 dirt		
7 gel		

DRUM CONTENT AMOUNT:
0 unknown ___
1 full ___
2 part X ½
3 empty ___

CHEMICAL ANALYSIS:	YES	NO	
radiation			
ignitable			
water reactive			
cyanide			
oxidiser			
organic vapor	4		ppm
pH			

SCREENING DATA:

	YES	NO	
RADIOACTIVE			≥ 1 mR over background
ACIDIC			pH ≤ 3
CAUSTIC			pH ≥ 12
AIR REACTIVE			Reaction of ≥ 10°F temp. change
WATER REACTIVE			Reaction of ≥ 10°F temp. change
WATER SOLUBLE			Dissolves in water.
WATER BATH OVA			Reading = ____ ≥ 10 ppm = Yes
COMBUSTIBLE			Catches fire when torched in water bath
HALIDE			Green flame when heated with copper
INORGANIC			WATER BATH OVA and COMBUSTIBLE = No
ORGANIC			INORGANIC = No
ALCOHOL/ALDEHYDE			WATER BATH OVA, WATER SOLUBLE and COMBUSTIBLE = Yes
CYANIDE			Dreager tube over water bath ≥ 2 ppm
FLAMMABLE			COMBUSTIBLE = Yes, and SETA flashpoint ≤ 140°F
OXIDIZER			Starch iodine paper shows positive reaction
INERT OR OTHER			Everything "No" except INORGANIC or ORGANIC

AR100249

APPENDIX I

ANALYTICAL RESULTS

MARTEL

Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

Invoice Number 23419

Sample W-2042

Six drum samples from Wach's Landfill, West Newton, PA, received by Martel on 11/24/86. Project No. 8611-08 PCS 6080.

Roy F. Weston
5090 Central Highway
Pennsauken, New Jersey 08109
Attention: Mr. Mike Wilson

December 5, 1986

Client Identification: ROYFWEST

Log Identification: W-2042
Date Received: 11/24/86

Sample Id: WLDR 01

Arsenic	EPA 206.2	20	ppm
Barium	EPA 208.1	1090	ppm
Cadmium	EPA 213.1	<1	ppm
Chromium (total)	EPA 218.1	26	ppm
Lead	EPA 239.1	9100	ppm
Mercury	EPA 245.1	4	ppm
Selenium	EPA 270.2	<5	ppm
Silver	EPA 272.1	<1	ppm
Volatile Organic Compounds		see	attached
Cyanide (total)	EPA 335.3	<50	ppm
Flash Point	ASTM D92	160	F

Sample Id: WLDR 04

Arsenic	EPA 206.2	10	ppm
Barium	EPA 208.1	340	ppm
Cadmium	EPA 213.1	2	ppm
Chromium (total)	EPA 218.1	17	ppm
Lead	EPA 239.1	1.94	%
Mercury	EPA 245.1	<1	ppm
Selenium	EPA 270.2	<2	ppm
Silver	EPA 272.1	<1	ppm
Volatile Organic Compounds		see	attached
Cyanide (total)	EPA 335.3	<50	ppm
Flash Point	ASTM D92	64	F

MARTEL

Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 7

Sample Id: WLDR 05

Arsenic	EPA 206.2	<2	ppm
Barium	EPA 208.1	<50	ppm
Cadmium	EPA 213.1	<1	ppm
Chromium (total)	EPA 218.1	<0.5	ppm
Lead	EPA 239.1	1270	ppm
Mercury	EPA 245.1	<0.5	ppm
Selenium	EPA 270.2	<2	ppm
Silver	EPA 272.1	<1	ppm
Volatile Organic Compounds		see	attached
Cyanide (total)	EPA 335.3	<50	ppm
Flash Point	ASTM D92	56	F

Sample Id: WLDR 07

Arsenic	EPA 206.2	<2	ppm
Barium	EPA 208.1	<50	ppm
Cadmium	EPA 213.1	<1	ppm
Chromium (total)	EPA 218.1	<0.5	ppm
Lead	EPA 239.1	16	ppm
Mercury	EPA 245.1	<0.5	ppm
Selenium	EPA 270.2	<5	ppm
Silver	EPA 272.1	<1	ppm
Volatile Organic Compounds		see	attached
Cyanide (total)	EPA 335.3	<50	ppm
Flash Point	ASTM D92	56	F

Sample Id: WLDR 08

Arsenic	EPA 206.2	<2	ppm
Barium	EPA 208.1	<100	ppm
Cadmium	EPA 213.1	<1	ppm
Chromium (total)	EPA 218.1	6	ppm
Lead	EPA 239.1	144	ppm
Mercury	EPA 245.1	<1	ppm
Selenium	EPA 270.2	<10	ppm
Silver	EPA 272.1	<1	ppm
Volatile Organic Compounds		see	attached

MARTEL

Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-77

Client Identification: ROYFWEST
Log Identification: W-2042
December 5, 1986

Sample Id: WLDR 08

Cyanide (total)	EPA 335.3	<50	ppm
Flash Point	ASTM D92	<40	F

Sample Id: WLDR 09

Arsenic	EPA 206.2	<2	ppm
Barium	EPA 208.1	<50	ppm
Cadmium	EPA 213.1	<1	ppm
Chromium (total)	EPA 218.1	2	ppm
Lead	EPA 239.1	30	ppm
Mercury	EPA 245.1	<0.1	ppm
Selenium	EPA 270.2	<5	ppm
Silver	EPA 272.1	<1	ppm
Volatile Organic Compounds		see	attached
Cyanide (total)	EPA 335.3	<50	ppm
Flash Point	ASTM D92	116	F

Robert G. Edwards, Ph. D.
President

MARTEL

Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 79

Roy F. Weston W-2042
December 5, 1986
Attachment

Sample Id: WLDR 01

Volatile Organic Compounds, ppm

Benzene	440	1,2-Dichloropropane	<10
Carbon Tetrachloride	<10	1,3-Dichloropropylene	<10
Chlorobenzene	<10	Ethylbenzene	<1000
1,2-Dichloroethane	<10	Methylene Chloride	<10
1,1,1-Trichloroethane	<10	Methyl Chloride	<100
1,1-Dichloroethane	<10	Methyl Bromide	<100
1,1,2-Trichloroethane	<10	Bromoform	<10
1,1,2,2-Tetrachloroethane	<10	Dichlorobromomethane	<10
Chloroethane	<100	Chlorodibromomethane	<10
2-Chloroethyl Vinyl Ether	<100	Tetrachloroethylene	<10
Chloroform	<10	Toluene	<100
1,1-Dichloroethylene	<10	Trichloroethylene	<10
1,2-Trans-Dichloroethylene	<10	Vinyl Chloride	<100
		Xylene	6500

Sample Id: WLDR 04

Volatile Organic Compounds, ppm

Benzene	285	1,2-Dichloropropane	<10
Carbon Tetrachloride	<10	1,3-Dichloropropylene	<10
Chlorobenzene	<10	Ethylbenzene	<5,000
1,2-Dichloroethane	<10	Methylene Chloride	<10
1,1,1-Trichloroethane	<10	Methyl Chloride	<100
1,1-Dichloroethane	<10	Methyl Bromide	<100
1,1,2-Trichloroethane	<10	Bromoform	<10
1,1,2,2-Tetrachloroethane	<10	Dichlorobromomethane	<10
Chloroethane	<100	Chlorodibromomethane	<10
2-Chloroethyl Vinyl Ether	<100	Tetrachloroethylene	<10
Chloroform	<10	Toluene	55,000
1,1-Dichloroethylene	<10	Trichloroethylene	<10
1,2-Trans-Dichloroethylene	<10	Vinyl Chloride	<100
		Xylene	94,000

MARTEL

Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

Roy F. Weston W-2042
December 5, 1986
Attachment

Sample Id: WLDR 05

Volatile Organic Compounds, ppm

Benzene	390	1,2-Dichloropropane	<10
Carbon Tetrachloride	<10	1,3-Dichloropropylene	<10
Chlorobenzene	<10	Ethylbenzene	<10,000
1,2-Dichloroethane	<10	Methylene Chloride	<10
1,1,1-Trichloroethane	<10	Methyl Chloride	<100
1,1-Dichloroethane	<10	Methyl Bromide	<100
1,1,2-Trichloroethane	<10	Bromoform	<10
1,1,2,2-Tetrachloroethane	<10	Dichlorobromomethane	<10
Chloroethane	<100	Chlorodibromomethane	<10
2-Chloroethyl Vinyl Ether	<100	Tetrachloroethylene	<10
Chloroform	<10	Toluene	150,000
1,1-Dichloroethylene	<10	Trichloroethylene	<10
1,2-Trans-Dichloroethylene	<10	Vinyl Chloride	<100
		Xylene	230,000

Sample Id: WLDR 07

Volatile Organic Compounds, ppm

Benzene	420	1,2-Dichloropropane	<10
Carbon Tetrachloride	<10	1,3-Dichloropropylene	<10
Chlorobenzene	<10	Ethylbenzene	<10,000
1,2-Dichloroethane	<10	Methylene Chloride	<10
1,1,1-Trichloroethane	<10	Methyl Chloride	<100
1,1-Dichloroethane	<10	Methyl Bromide	<100
1,1,2-Trichloroethane	<10	Bromoform	<10
1,1,2,2-Tetrachloroethane	<10	Dichlorobromomethane	<10
Chloroethane	<100	Chlorodibromomethane	<10
2-Chloroethyl Vinyl Ether	<100	Tetrachloroethylene	<10
Chloroform	<10	Toluene	52,000
1,1-Dichloroethylene	<10	Trichloroethylene	<10
1,2-Trans-Dichloroethylene	<10	Vinyl Chloride	<100
		Xylene	350,000

MARTEL

Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 79

Roy F. Weston W-2042
December 5, 1986
Attachment

Sample Id: WLDR 08

Volatile Organic Compounds, ppm

Benzene	690	1,2-Dichloropropane	<10
Carbon Tetrachloride	<10	1,3-Dichloropropylene	<10
Chlorobenzene	<10	Ethylbenzene	<10,000
1,2-Dichloroethane	<10	Methylene Chloride	<10
1,1,1-Trichloroethane	<10	Methyl Chloride	<100
1,1-Dichloroethane	<10	Methyl Bromide	<100
1,1,2-Trichloroethane	<10	Bromoform	<10
1,1,2,2-Tetrachloroethane	<10	Dichlorobromomethane	<10
Chloroethane	<100	Chlorodibromomethane	<10
2-Chloroethyl Vinyl Ether	<100	Tetrachloroethylene	<10
Chloroform	<10	Toluene	94,000
1,1-Dichloroethylene	<10	Trichloroethylene	<10
1,2-Trans-Dichl ethylene	<10	Vinyl Chloride	<10
		Xylene	190,000

Sample Id: WLDR 09

Volatile Organic Compounds, ppm

Benzene	600	1,2-Dichloropropane	<10
Carbon Tetrachloride	<10	1,3-Dichloropropylene	<10
Chlorobenzene	<10	Ethylbenzene	<500
1,2-Dichloroethane	<10	Methylene Chloride	<10
1,1,1-Trichloroethane	<10	Methyl Chloride	<100
1,1-Dichloroethane	<10	Methyl Bromide	<100
1,1,2-Trichloroethane	<10	Bromoform	<10
1,1,2,2-Tetrachloroethane	<10	Dichlorobromomethane	<10
Chloroethane	<100	Chlorodibromomethane	<10
2-Chloroethyl Vinyl Ether	<100	Tetrachloroethylene	<10
Chloroform	<10	Toluene	55,000
1,1-Dichloroethylene	<10	Trichloroethylene	<10
1,2-Trans-Dichloroethylene	<10	Vinyl Chloride	<100
		Xylene	2,500

MARTEL

Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 825-779

Roy F. Weston W-2042
December 5, 1986
Attachment

Sample Id: WLDR 01 Replicate

Volatile Organic Compounds, ppm

Benzene	440	1,2-Dichloropropane	<10
Carbon Tetrachloride	<10	1,3-Dichloropropylene	<10
Chlorobenzene	<10	Ethylbenzene	<1000
1,2-Dichloroethane	<10	Methylene Chloride	<10
1,1,1-Trichloroethane	<10	Methyl Chloride	<100
1,1-Dichloroethane	<10	Methyl Bromide	<100
1,1,2-Trichloroethane	<10	Bromoform	<10
1,1,2,2-Tetrachloroethane	<10	Dichlorobromomethane	<10
Chloroethane	<100	Chlorodibromomethane	<10
2-Chloroethyl Vinyl Ether	<100	Tetrachloroethylene	<10
Chloroform	<10	Toluene	<100
1,1-Dichloroethylene	<10	Trichloroethylene	<10
1,2-Trans-Dichloroethylene	<10	Vinyl Chloride	<100
		Xylene	6600

Sample Id: WLDR 01 with Matrix Spike

Volatile Organic Compounds, ppm

Benzene	1500	1,2-Dichloropropane	<10
Carbon Tetrachloride	<10	1,3-Dichloropropylene	<10
Chlorobenzene	<10	Ethylbenzene	<1000
1,2-Dichloroethane	<10	Methylene Chloride	<10
1,1,1-Trichloroethane	890	Methyl Chloride	<100
1,1-Dichloroethane	<10	Methyl Bromide	<100
1,1,2-Trichloroethane	<10	Bromoform	<10
1,1,2,2-Tetrachloroethane	<10	Dichlorobromomethane	<10
Chloroethane	<100	Chlorodibromomethane	<10
2-Chloroethyl Vinyl Ether	<100	Tetrachloroethylene	<10
Chloroform	<10	Toluene	1050
1,1-Dichloroethylene	<10	Trichloroethylene	950
1,2-Trans-Dichloroethylene	<10	Vinyl Chloride	<100
		Xylene	6900

MARTEL

Certificate of Laboratory Analysis

Martel Laboratory Services, Inc. 1025 Cromwell Bridge Road Baltimore, Maryland 21204 (301) 8 79

Roy F. Weston W-2042
December 5, 1986
Attachment

Matrix spike: 1000 ppm benzene, toluene, 1,1,1-trichloroethylene, and trichloroethylene. Recoveries 106%, 105%, 89%, and 95% respectively.

Surrogate Spike: 1,1,2-trichlorotrifluoroethane. Recoveries 79-110%.

O.H Materials Corp
16406 U.S. Route 224 East
P.O. Box 551
Findlay, Ohio 45839-0551
419-423-3526
Telex 298248 OHMFIN (RCA)

ANALYTICAL REPORT

OHM

CLIENT: USEPA, Reg. III
Wach's Landfill
W. Newton, PA

ATTN:

OHM PROJECT NUMBER: 4687E

OHM PROJECT MANAGER: J. Copus

SAMPLE TYPE: Drum

ANALYSIS PERFORMED:

Compatibility

DATE COMPLETED: 4-21-87

DATE RECEIVED: 4-14-87

This report is "PROPRIETARY AND CONFIDENTIAL" and delivered to, and intended for the exclusive use of, the above named client only. O.H. Materials Corp. assumes no responsibility or liability for the reliance hereon or use hereof by anyone other than the above named client.

All of the analyses and data interpretation that form the basis of this report was prepared under the direct supervision and control of the undersigned who is solely responsible for the contents and conclusions therein.

Reviewed and Approved by: T E Gran

Thomas E. Gran, Ph.D., Manager Analytical Services 4/22/87 *Date*

PROJECT 4687E

SUMMARY REPORT OF ANALYTICAL SERVICES

I. INTRODUCTION

O.H. Materials Corp. (OHM) Corporate Laboratory received 138 drum samples (plus 21 additional layers) from USEPA, Region III, Wach's Landfill, W. Newton, Pennsylvania. These samples were collected by EPA's technical personnel and transferred to the laboratory complete with a chain-of-custody record which is attached for reference. These samples had the standard series of compatibility tests performed on them.

II. ANALYTICAL METHODOLOGY

Compatibility Scheme

Compatibility testing was performed on the drum samples to segregate the unknown materials into groups having similar chemical and physical characteristics.

The compatibility scheme includes the following:

- Solubility - All samples were tested for solubility in water and hexane to separate out samples which were physically incompatible with each other.
- pH - All water soluble samples were tested with pH test strips for pH to separate acids from base/neutral containers.
- Peroxides - All samples were tested for peroxide content with peroxide test strips.
- Oxidizers - All water soluble samples were tested for oxidizing content by a spot test with potassium iodide and starch paper.
- Cyanides - All water soluble samples were tested for cyanide by a spot test with Choramine-T and barbituric acid.
- Sulfides - All water soluble samples were tested for sulfide by using lead acetate strips and acetate buffer solution.
- Flash Point - Flash points were performed at 60°C according to the procedure specified in USEPA Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods, SW-846, 2nd edition, July 1982; Method 1020, Seta-flash Closed-cup Method.

PROJECT 4687E

SUMMARY REPORT OF ANALYTICAL SERVICES

- Bielstein Test - All hexane soluble samples were tested by this method to determine if halogenated organics were present in the sample.

- Polychlorinated Biphenyls (PCBs) - PCB screens were performed by preparing composites of five samples per composite and analyzing by GC methods with any positive or questionable composites broken down and analyzed individually. The analysis was performed according to SW-846, Method 8080, GC Methods for Organochlorine Pesticides and PCBs.

III. ANALYTICAL RESULTS

The following table details the compatibility results for samples #4687E-001 through #4687E-138 plus the additional layers.

PROJECT 4687E

TABLE 1 - COMPATIBILITY RESULTS

Sample Number (Layer & Percentage)	Physical State	Color	Water soluble	Hexane soluble	Bielstein	pH units	Cyanide	Flash Point (60°C)	PCBs Screen	Compatibility Category
4687E-001	SOLID	GRAY	IN	S	-	N/A	N/A	+	-	FS
4687E-002	LIQUID	BROWN	IN	S	-	N/A	N/A	+	-	FO
4687E-003	LIQUID	BROWN	IN	PS	-	N/A	N/A	+	-	FO
4687E-004 (1-80%)	LIQUID	BLACK	IN	PS	-	N/A	N/A	+	-	FO
4687E-004 (2-20%)	LIQUID	YELLOW	S	IN	N/A	6	-	+	-	FO
4687E-005	SOLID	BLK/YELLOW	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-006	LIQUID	BROWN	IN	PS	-	N/A	N/A	+	-	FO
4687E-007	LIQUID	BROWN	IN	PS	-	N/A	N/A	+	-	FO
4687E-008 (1-90%)	LIQUID	BROWN	IN	IN	-	N/A	N/A	+	-	FO
4687E-008 (2-10%)	SOLID	BLACK	IN	IN	-	N/A	N/A	+	-	FO
4687E-009 (1-95%)	LIQUID	RED	IN	S	-	N/A	N/A	+	-	FO
4687E-009 (2-5%)	LIQUID	YELLOW	S	IN	N/A	6	-	+	-	FO
4687E-010	SOLID	BROWN	IN	S	-	N/A	N/A	+	-	FO
4687E-011	LIQUID	ORANGE	IN	PS	-	N/A	N/A	+	-	FO
4687E-012	LIQUID	GRAY	IN	S	-	N/A	N/A	+	-	FO
4687E-013	LIQUID	BLACK	IN	S	+	N/A	N/A	+	-	FCO
4687E-014	SOLID	GRAY	IN	S	+	N/A	N/A	+	-	FCS
4687E-015	LIQUID	BROWN	IN	PS	-	N/A	N/A	+	-	FO
4687E-016	LIQUID	RED	IN	S	-	N/A	N/A	+	-	FO
4687E-017 (1-85%)	LIQUID	BROWN	IN	S	-	N/A	N/A	+	-	FO
4687E-017 (2-15%)	LIQUID	BROWN	S	IN	N/A	6	-	+	-	FO
4687E-018	LIQUID	BROWN	IN	PS	-	N/A	N/A	+	-	FO
4687E-019	SOLID	RED	IN	PS	-	N/A	N/A	+	-	FO
4687E-020 (1-30%)	LIQUID	YELLOW	S	IN	N/A	6	-	+	-	FO
4687E-020 (2-70%)	LIQUID	GRAY	IN	PS	-	N/A	N/A	+	-	FO
4687E-021	SLUDGE	BLACK	IN	PS	-	N/A	N/A	+	-	FS
4687E-022	LIQUID	BROWN	IN	S	-	N/A	N/A	+	-	FO
4687E-023	LIQUID	BLACK	IN	PS	-	N/A	N/A	+	-	FO
4687E-024 (1-50%)	LIQUID	BROWN	IN	PS	-	N/A	N/A	+	-	FO
4687E-024 (2-50%)	LIQUID	YELLOW	S	IN	N/A	5.5	-	-	-	BN
4687E-025	LIQUID	BROWN	IN	PS	-	N/A	N/A	+	-	FO
4687E-026 (1-90%)	LIQUID	YELLOW	IN	PS	-	N/A	N/A	+	-	FO
4687E-026 (2-10%)	SLUDGE	BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-027 (1-50%)	SLUDGE	TAN	IN	PS	-	N/A	N/A	+	-	FO
4687E-027 (2-50%)	LIQUID	CLEAR	S	IN	N/A	6	-	-	-	BN
4687E-028	SOLID	BROWN	IN	PS	-	N/A	N/A	+	-	FS
4687E-029	GEL/GREASE	BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-030	SOLID	BROWN	IN	PS	-	N/A	N/A	+	-	FS
4687E-031	GEL/GREASE	BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-032	LIQUID	PINK	IN	S	-	N/A	N/A	+	-	FO
4687E-033	LIQUID	BROWN	IN	PS	-	N/A	N/A	+	-	FO
4687E-034	SOLID	BROWN	IN	S	-	N/A	N/A	+	-	FS
4687E-035	SLUDGE	BROWN	IN	S	-	N/A	N/A	+	-	FS
4687E-036 (1-50%)	LIQUID	CLEAR	S	IN	N/A	5	-	-	-	BN
4687E-036 (2-50%)	SLUDGE	BROWN	IN	IN	-	N/A	N/A	+	-	FS

PROJECT 4687E

TABLE 1 - COMPATIBILITY RESULTS (CONTINUED)

Sample Number (Layer & Percentage)	Physical State	Color	Water soluble	Hexane soluble	Bielstein	pH units	Cyanide	Flash Point (60°C)	PCBs Screen	Compatibility Category
4687E-037 (1-50%)	LIQUID	CLEAR	S	IN	N/A	4	-	-	-	BN
4687E-037 (2-50%)	SLUDGE	BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-038 (1-20%)	LIQUID	CLEAR	S	IN	N/A	5	-	-	-	BN
4687E-038 (2-80%)	SLUDGE	BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-039	SOLID	BLACK	PS	PS	-	7	-	-	-	O
4687E-040	SOLID	BLK/BROWN	PS	IN	N/A	6	-	-	-	BNS
4687E-041	SOLID	BROWN	IN	IN	-	N/A	N/A	-	-	BNS
4687E-042 (1-50%)	LIQUID	GRAY	S	IN	N/A	5	-	-	-	BN
4687E-042 (2-50%)	SOLID	BLK/BROWN	IN	IN	-	N/A	N/A	-	-	BNS
4687E-043	SOLID	BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-044 (1-50%)	LIQUID	CLEAR	S	IN	N/A	4	-	-	-	BN
4687E-044 (2-50%)	SOLID	BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-045	SOLID	BROWN	IN	IN	-	N/A	N/A	-	-	BNS
4687E-046 (1-50%)	LIQUID	CLEAR	S	IN	-	5	-	-	-	BN
4687E-046 (2-50%)	SOLID	BROWN	IN	IN	-	N/A	N/A	-	-	BNS
4687E-047	SOLID	YEL/ORANGE	IN	IN	-	N/A	N/A	-	-	BNS
4687E-048	SOLID	BLK/BROWN	PS	PS	-	6	-	-	-	OS
4687E-049 (1-50%)	LIQUID	CLEAR	S	IN	N/A	6	-	-	-	BN
4687E-049 (2-50%)	SOLID	BLK/BROWN	IN	IN	-	N/A	N/A	+	-	BNS
4687E-050 (1-50%)	LIQUID	GRAY	S	IN	N/A	4	-	-	-	BN
4687E-050 (2-50%)	SOLID	BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-051	LIQUID	CLEAR	S	IN	N/A	6	-	-	-	BN
4687E-052	SOLID	BLACK	IN	IN	-	N/A	N/A	-	-	BNS
4687E-053	SOLID	BROWN	IN	PS	-	N/A	N/A	-	-	OS
4687E-054 (1-50%)	LIQUID	CLEAR	S	IN	N/A	6	-	-	-	BN
4687E-054 (2-50%)	SOLID	BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-055	SOLID	BLK/BROWN	IN	PS	-	N/A	N/A	+	-	FS
4687E-056	SOLID	BLK/BROWN	IN	PS	-	N/A	N/A	-	-	OS
4687E-057 (1-50%)	LIQUID	CLEAR	S	IN	N/A	5	-	-	-	BN
4687E-057 (2-50%)	SOLID	BROWN	IN	IN	-	N/A	N/A	+	-	BNS
4687E-058	SOLID	BLACK	IN	IN	-	N/A	N/A	-	-	BNS
4687E-059	SOLID	BLACK	IN	IN	-	N/A	N/A	-	-	BNS
4687E-060	SOLID	BROWN	IN	IN	-	N/A	N/A	-	-	BNS
4687E-061	SOLID	BLK/BROWN	IN	IN	-	N/A	N/A	-	-	BNS
4687E-062	SOLID	BLACK	PS	PS	-	6	-	-	-	OS
4687E-063	GEL/GREASE	TAN	IN	IN	-	N/A	N/A	+	-	FS
4687E-064	SLUDGE	RED	IN	IN	-	N/A	N/A	+	-	FS
4687E-065	SOLID	BROWN	IN	IN	-	N/A	N/A	-	-	BNS
4687E-066	SLUDGE	RED	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-067	LIQUID	YELLOW	S	IN	N/A	5	-	-	-	BN
4687E-068	SOLID	RED	IN	PS	-	N/A	N/A	-	-	OS
4687E-069	LIQUID	GRAY	IN	IN	-	N/A	N/A	+	-	FO
4687E-070	SOLID	GREEN	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-071	SOLID	GRN/BROWN	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-072	SOLID	GRN/BROWN	IN	IN	N/A	N/A	N/A	-	-	BNS

PROJECT 4687E

TABLE 1 - COMPATIBILITY RESULTS (CONTINUED)

Sample Number (Layer & Percentage)	Physical State	Color	Water soluble	Hexane soluble	Bielstein	pH units	Cyanide	Flash Point (60°C)	PCBs Screen	Compatibility Category
4687E-073	SLUDGE	BLK/BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-074	SOLID	BROWN	IN	IN	-	N/A	N/A	+	-	FS
4687E-075	LIQUID	BLACK	IN	PS	-	N/A	N/A	+	-	FO
4687E-076	SOLID	BROWN	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-077	SOLID	GRAY	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-078	SOLID	BLACK	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-079	SOLID	AMBER	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-080	GEL/GREASE	BROWN	IN	PS	-	N/A	N/A	+	-	FS
4687E-081	SOLID	BROWN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-082	LIQUID	BROWN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-083	SOLID	BROWN	PS	IN	N/A	6	-	-	-	BNS
4687E-084	SOLID	WHITE/BRN	PS	IN	N/A	6	-	-	-	BNS
4687E-085	GEL/GREASE	BROWN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-086	LIQUID	YELLOW	S	IN	N/A	10	-	-	-	BN
4687E-087	LIQUID	AMBER	IN	IN	N/A	N/A	N/A	+	-	FO
4687E-088	SOLID	BROWN	IN	PS	-	N/A	N/A	+	-	FS
4687E-089	SOLID	GREEN	IN	PS	-	N/A	N/A	-	-	OS
4687E-090	SOLID	BROWN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-091 (1-80%)	LIQUID	BROWN	IN	PS	-	N/A	N/A	+	-	FO
4687E-091 (2-20%)	SLUDGE	BROWN	IN	IN	-	6	-	+	-	FS
4687E-092	SOLID	AMBER	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-093	SOLID	GRAY	PS	IN	NA/	6	-	+	-	FS
4687E-094	LIQUID	GREEN	IN	PS	-	N/A	N/A	+	-	FO
4687E-095	SOLID	YELLOW	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-096	SOLID	BROWN	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-097	SOLID	BROWN	IN	S	-	N/A	N/A	+	-	FS
4687E-098	LIQUID	BROWN	IN	PS	-	N/A	N/A	+	-	FO
4687E-099 (1-90%)	LIQUID	CLEAR	S	IN	N/A	6	-	-	-	BN
4687E-099 (2-10%)	SLUDGE	TAN	S	PS	-	N/A	N/A	+	-	FS
4687E-100 (1-20%)	LIQUID	GREEN	IN	S	-	N/A	N/A	+	-	FO
4687E-100 (2-80%)	SLUDGE	GREEN	PS	IN	-	N/A	N/A	+	-	FS
4687E-101	SOLID	RED	IN	PS	-	N/A	N/A	+	-	FS
4687E-102	GEL/GREASE	YEL/BLACK	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-103	LIQUID	BROWN	IN	IN	N/A	N/A	N/A	+	-	FO
4687E-104	GEL/GREASE	BROWN	IN	IN	N/A	N/A	N/A	-	-	OS
4687E-105	GEL/GREASE	BROWN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-106	SOLID	BROWN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-107	GEL/GREASE	BROWN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-108	SOLID	BROWN	S	IN	N/A	7	-	-	-	BNS
4687E-109	SOLID	BLK/WHITE	PS	IN	N/A	6	-	-	-	BNS
4687E-110	SOLID	GREEN	IN	S	-	N/A	N/A	-	-	OS
4687E-111	GEL/GREASE	GRAY/BRN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-112	GEL/GREASE	BROWN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-113	SOLID	BROWN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-114	SOLID	TAN	IN	IN	N/A	N/A	N/A	+	-	FS

AR100264

PROJECT 4687E

TABLE 1 - COMPATIBILITY RESULTS (CONTINUED)

Sample Number (Layer & Percentage)	Physical State	Color	Water soluble	Hexane soluble	Bielstein	pH units	Cyanide	Flash Point (60°C)	PCBs Screen	Compatibility Category
4687E-115	GEL/GREASE	BROWN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-116	GEL/GREASE	TAN	IN	IN	N/A	N/A	N/A	+	-	FS
4687E-117	SOLID	BLACK	PS	IN	N/A	6	-	-	-	BNS
4687E-118	SOLID	BROWN	PS	IN	N/A	6	-	-	-	BNS
4687E-119	SOLID	BROWN	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-120	SOLID	BROWN	IN	PS	-	N/A	N/A	-	-	OS
4687E-121	SOLID	GRAY	IN	PS	-	N/A	N/A	+	-	FS
4687E-122	SOLID	BROWN	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-123	SOLID	BLACK	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-124	SOLID	AMBER	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-125	SOLID	CREAME	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-126	SOLID	BROWN	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-127	SOLID	BLACK	S	IN	N/A	6	-	-	-	BNS
4687E-128	SOLID	BROWN	S	IN	N/A	6	-	-	-	BNS
4687E-129	SOLID	BROWN	S	IN	N/A	6	-	+	-	FS
4687E-130	SOLID	BROWN	S	IN	N/A	6	-	-	-	BNS
4687E-131	SOLID	BROWN	S	IN	N/A	6	-	-	-	BNS
4687E-132	SOLID	BROWN	PS	IN	N/A	6	-	-	-	BNS
4687E-133	SOLID	BROWN	S	IN	N/A	6	-	-	-	BNS
4687E-134	SOLID	BRN/WHITE	PS	IN	N/A	6	-	+	-	FS
4687E-135	SOLID	BRN/BLACK	S	S	-	6	-	-	-	OS
4687E-136	SOLID	BROWN	S	IN	N/A	6	-	-	-	BNS
4687E-137	SOLID	MULTI	IN	IN	N/A	N/A	N/A	-	-	BNS
4687E-138	SOLID	MULTI	IN	IN	N/A	N/A	N/A	-	-	BNS

N/A = Test not applicable to the sample material
S = Soluble
PS = Partially soluble
IN = Insoluble
BN = Base/Neutral
BNS = Base/Neutral solids

FCO = Flammable chlorinated organics
FCS = Flammable chlorinated solids
FO = Flammable organics
FS = Flammable solids
O = Organic
OS = Organic solids

NOTES:
1. All samples were analyzed for air and water reactivity and were found to be non-reactive.
2. All samples were analyzed for peroxides and were found to be below a detection limit of 1 ppm.
3. All water soluble samples were analyzed for the presence of oxidizers and found to have no significant levels present.
4. All water soluble samples were analyzed for sulfides and were found to be below a detection limit of 10 ppm.

APPENDIX

QC SUMMARY--COMPATIBILITY

Physical Description:	by observation
Reactivity:	by observation in air and water
Solubility:	by observation
Peroxide:	checked positive on a 1 ppm standard and negative on water
Oxidizer:	checked positive on a 10 ppm standard and negative on water
Bielstein:	Checked positive on DCM and negative on hexane
pH:	confirmed with standard buffers
Sulfide:	checked positive on 10 ppm standard and negative on water
Cyanide:	checked positive on a 1 ppm standard and negative on water
Flash Point:	checked positive on p-xylene and negative on water
PCB Screen:	84.1; 85.3% recovery on spikes, 1.4 RPD

O.H. Materials Corp.
P.O. Box 551
Findlay, Ohio 45839-0551
Phone (419) 423-3526

The Environmental Services Company

CHAIN-OF—C[ ]DY RECORD

✓

Nº 26380

PROJECT LOCATION	NAME OF CLIENT	PROJECT TELEPHONE NO	PROJECT NUMBER
WACH'S LANDFILL W. NEWTON, PA.	USEPA - REGION III	(609) 488-6000	468763225

ITEM NUMBER	SAMPLE NUMBER	NUMBER & SIZE OF CONTAINERS	DESCRIPTION	TRANSFER NUMBER & CHECK 1	2	3	4	5	6	7
01	01	1 802 GLASS	GREY SOLID	✓	✓					
02	02		BROWN LIQUID	✓	✓					
3	03		YELLOW LIQUID/RD BROWN SOLID	✓	✓					
4	04		BROWN LIQUID/BLACK SLUDGE	✓	✓					
5	05		CREAM/BLACK SOLID	✓	✓					
6	06		~~RED LIQUID~~ W BROWN LIQUID	✓	✓					
7	07		AMBER LIQUID	✓	✓					
8	08		AMBER SLUDGE	✓	✓					
9	09		RD/BROWN LIQUID	✓	✓					
10	10		BROWN/BLACK SLUDGE	✓	✓					
11	11		ORANGE LIQUID	✓	✓					
12	12		BROWN/YELLOW LIQUID	✓	✓					
13	13		BLACK SLUDGE	✓	✓					
14	14		GREY SOLID	✓	✓					
15	15		MUDDY/CLEAR LIQUID	✓	✓					
16	16		RD/BROWN LIQUID	✓	✓					
17	17		ORANGE LIQUID/SLUDGE	✓	✓					
18	18		BROWN LIQUID	✓	✓					
19	19		PINK/RD SLUDGE	✓	✓					
20	20	↓	GRAY SOLID - YELLOW ORANGE LIQUID	✓	✓					

Person Responsible for sample	Affiliation	Date	Time
[signature]	[illegible]	4/15/87	0945

Purpose of analysis (use back of front sheet if necessary)

67

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-20	[signature]	[signature] O.H.M	4/16/87	1045A
2	1-20	[signature]	[signature]	4/17/87	0850
3					
4					
5					
6					
7					

O H M
The Environmental Services Company

O.H. Materials Co.
P.O. Box 551
Findlay, Ohio 45839-0551
Phone (419) 423-3526

CHAIN-OF—CUSTODY RECORD

№ 19087

PROJECT LOCATION	NAME OF CLIENT	PROJECT TELEPHONE NO	PROJECT NUMBER
WACH'S LANDFILL W. NEWTON, PA	USEPA - REG. III	(604) 489-0999	4687-E3-005

ITEM NUMBER	SAMPLE NUMBER	NUMBER & SIZE OF CONTAINERS	DESCRIPTION	TRANSFER NUMBER & CHECK 1	2	3	4	5	6	7
1	21	1 8oz GLASS	BLACK SLUDGE	✓	✓					
2	22		GREY LIQUID	✓	✓					
3	23		GREEN LIQUID	✓	✓					
4	24		GREEN-BLUE/AMBER SLUDGE	✓	✓					
5	25		PINK BROWN LIQUID	✓	✓					
6	26		AMBER LIQUID/GREY SOLID	✓	✓					
7	27		CLEAR LIQUID/BROWN SOLID	✓	✓					
8	28		YELLOW ORANGE SOLID	✓	✓					
9	29		AMBER GEL	✓	✓					
10	30		BROWN/BLACK SLUDGE	✓	✓					
11	31		AMBER GEL	✓	✓					
12	32		PINK LIQUID/SLUDGE	✓	✓					
13	33		AMBER LIQUID	✓	✓					
14	34		BROWN/ORANGE SOLID	✓	✓					
15	35		BROWN LIQUID/PINK SOLID	✓	✓					
16	36		CLEAR LIQUID/YELLOW SLUDGE	✓	✓					
17	37		CLEAR LIQUID/YELLOW SLUDGE	✓	✓					
18	38		CLEAR LIQUID/YELLOW SLUDGE	✓	✓					
19	39		BLACK SOLID	✓	✓					
20	40		YELLOW/BLACK SOLID	✓	✓					

Person Responsible for sample	Affiliation	Date	Time
[signature]	Weston/TAT	4/3/89	0943

Purpose of analysis (use back of front sheet if necessary)

89020

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-20	[signature] Weston	[signature] O.H.M.	4/3/89	1045
2	1-20	[signature]	[signature]	4/4/89	0850
3					
4					
5					
6					

OHM O.H. Materials Corp.
P.O. Box 551
Findlay, Ohio 45839-0551
Phone (419) 423-3526
The Environmental Services Company

CHAIN-OF-C ODY RECORD

Nº 26382

PROJECT LOCATION	NAME OF CLIENT	PROJECT TELEPHONE NO	PROJECT NUMBER
WACH'S LANDFILL W. NEWTON, PA.	USEPA - REG III	(609) 482-0222	4687E3V25

ITEM NUMBER	SAMPLE NUMBER	NUMBER & SIZE OF CONTAINERS	DESCRIPTION	TRANSFER 1	2	3	4	5	6	7
1	41	1 8oz GLASS	AMBER SOLID	✓	✓					
2	42	↓	BLACK LIQUID	✓	✓					
3	43	↓	YELLOW SLUDGE	✓	✓					
4	44	↓	YELLOW/ORANGE SLUDGE	✓	✓					
5	45	↓	YELLOW SLUDGE	✓	✓					
6	46	↓	YELLOW/ORANGE SLUDGE	✓	✓					
7	47	↓	YELLOW/ORANGE SOLID	✓	✓					
8	48	↓	YELLOW/ORANGE SOLID	✓	✓					
9	49	↓	CLEAR LIQUID / YELLOW ORANGE SOLID	✓	✓					
10	50	↓	CLEAR LIQUID/ YELLOW ORANGE SOLID	✓	✓					
11	51	↓	BROWN LIQUID/SLUDGE	✓	✓					
12	52	↓	BLACK + YELLOW SOLID	✓	✓					
13	53	↓	YELLOW/ORANGE SOLID	✓	✓					
14	54	↓	CLEAR LIQUID/AMBER SLUDGE	✓	✓					
15	55	↓	YELLOW/ORANGE SOLID	✓	✓					
16	56	↓	YELLOW/ORANGE SLUDGE	✓	✓					
17	57	↓	CLEAR LIQUID/ YELLOW-ORANGE SLUDGE	✓	✓					
18	58	↓	AMBER SOLID	✓	✓					
19	59	↓	BLACK SLUDGE	✓	✓					
20	60	↓	BLACK SOLID	✓	✓					

Person Responsible for sample	Affiliation	Date	Time
[signature]	Weston/TAT	4/13/87	0945

Purpose of analysis (use back of front sheet if necessary)

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-20	[signature] Weston	[signature] O.H.M.	4/13/87	1045A
2	1-20	[signature]	[signature]	4/14/87	0950
3					
4					
5					
6					
7					

AR100269

OHM
The Environmental Services Company

O.H. Materials Corp.
P.O. Box 551
Findlay, Ohio 45839-0551
Phone (419) 423-3526

CHAIN-OF—CUSTODY RECORD

Nº 26381

PROJECT LOCATION	NAME OF CLIENT	PROJECT TELEPHONE NO	PROJECT NUMBER
WACH'S LANDFILL W. NEWTON, PA.	USEPA - REG. III	(609) 488-0200	4687-E3-005

ITEM NUMBER	SAMPLE NUMBER	NUMBER & SIZE OF CONTAINERS	DESCRIPTION	TRANSFER NUMBER & CHECK 1 2 3 4 5 6 7
1	61	1 8oz GLASS	BLACK SOLID	✓ ✓
2	62		BLACK SOLID	✓ ✓
3	63		LIQUID	✓ ✓
4	64		RED LIQUID/SLUDGE	✓ ✓
5	65		AMBER SOLID	✓ ✓
6	66		RED SLUDGE	✓ ✓
7	67		AMBER LIQUID/PINK SLUDGE	✓ ✓
8	68		RED SLUDGE	✓ ✓
9	69		YELLOW SLUDGE/GREY LIQUID	✓ ✓
10	70		GREEN SOLID	✓ ✓
11	71		GREEN SOLID	✓ ✓
12	72		GREEN SOLID	✓ ✓
13	73		BLACK SLUDGE	✓ ✓
14	74		BLACK SLUDGE	✓ ✓
15	75		BLACK LIQUID	✓ ✓
16	76		RD/BROWN SOLID	✓ ✓
17	77		GREY SOLID	✓ ✓
18	78		BLACK SLUDGE	✓ ✓
19	79		AMBER SLUDGE	✓ ✓
20	80		AMBER SLUDGE	✓ ✓
21	81		YELLOW SLUDGE	✓ ✓

Person Responsible for sample	Affiliation	Date	Time
[signature]	Weston/TAT	4/3/87	0943

Purpose of analysis (use back of front sheet if necessary)

RI00270

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-21	[signature] Weston	[signature] Ohm	4/6/87	1545
2	1-21	[signature] Ohm	[signature] Radian	4/14/87	0850
3					
4					
5					
6					

O H Materials Co.
P.O. Box 551
Findlay, Ohio 45839-0551
Phone (419) 423-3526

The Environmental Services Company

CHAIN-OF-CUSTODY RECORD

№ 19090

PROJECT LOCATION	NAME OF CLIENT	PROJECT TELEPHONE NO	PROJECT NUMBER
WACH'S LANDFILL W. NEWTON, PA	USEPA - REG. III	(609)482-0222	46876 3225

ITEM NUMBER	SAMPLE NUMBER	NUMBER & SIZE OF CONTAINERS	DESCRIPTION	TRANSFER NUMBER & CHECK 1 2 3 4 5 6 7
1	82	1 80z GLASS	AMBER LIQUID	✓ ✓
2	83		BROWN SOLID	✓ ✓
3	84		WHITE + BROWN SOLID	✓ ✓
4	85		BROWN SLUDGE	✓ ✓
5	86		AMBER LIQUID	✓ ✓
6	87		AMBER LIQUID	✓ ✓
7	88		AMBER LIQUID	✓ ✓
8	89		GREEN SOLID	✓ ✓
9	90		AMBER LIQUID	✓ ✓
10	91		BLACK SLUDGE/GREEN LIQUID	✓ ✓
11	92		AMBER SOLID	✓ ✓
12	93		GREY SOLID	✓ ✓
13	94		GREEN LIQUID/SLUDGE	✓ ✓
14	95		YELLOW SOLID	✓ ✓
15	96		AMBER SOLID	✓ ✓
16	97		RED/GREEN SOLID	✓ ✓
17	98		BROWN LIQUID	✓ ✓
18	99		YELLOW SLUDGE	✓ ✓
19	100		GREEN LIQUID/SLUDGE	✓ ✓
20	101	↓	RED SOLID	✓ ✓

Person Responsible for sample	Affiliation	Date	Time
Michael Debin	Weston/TAT	4/13/87	0945

Purpose of analysis (use back of front sheet if necessary)

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-20	Michael Debin/Weston	Edward Fleming, O.H.M.	4/13/87	1645
2	1-20	Edward Fleming	Victoria A. Radabaugh	4/14/87	0850
3					
4					
5					
6					

OHM
The Environmental Services Company

O.H. Materials Co.
P.O. Box 551
Findlay, Ohio 45839-0551
Phone (419) 423-3526

CHAIN-OF—CUSTODY RECORD

№ 19089

PROJECT LOCATION: WACH'S LANDFILL W. NEWTON, PA.

NAME OF CLIENT: USEPA-REG. III

PROJECT TELEPHONE NO: (609) 482-0222

PROJECT NUMBER: 4687-E3-225

ITEM NUMBER	SAMPLE NUMBER	NUMBER & SIZE OF CONTAINERS	DESCRIPTION	TRANSFER NUMBER & CHECK 1 2 3 4 5 6 7
1	102	1 8 OZ. GLASS	YELLOW SLUDGE	✓ ✓
2	103		AMBER LIQUID	✓ ✓
3	104		YELLOW/BROWN LIQUID	✓ ✓
4	105		BROWN LIQUID	✓ ✓
5	106		AMBER SLUDGE	✓ ✓
6	107		BROWN LIQUID	✓ ✓
7	108		BROWN SOLID	✓ ✓
8	109		BLACK SOLID	✓ ✓
9	110		GREEN SOLID	✓ ✓
10	111		GREY SLUDGE	✓ ✓
11	112		AMBER LIQUID	✓ ✓
12	113		AMBER SLUDGE	✓ ✓
13	114		YELLOW SLUDGE	✓ ✓
14	115		AMBER LIQUID	✓ ✓
15	116		AMBER SLUDGE	✓ ✓
16	117		BLUE SOLID	✓ ✓
17	118		RED + BLACK SOLID	✓ ✓
18	119		AMBER SOLID	✓ ✓
19	120		RED/BROWN SOLID	✓ ✓
20	121		GREY SOLID	✓ ✓

Person Responsible for sample: [illegible] Affiliation: Weston/TAT Date: 9/3/87 Time: 0945

Purpose of analysis (use back of front sheet if necessary)

00272

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-20	[illegible] Weston	[illegible] O+A	9.3.87	1045 A
2	1-20	[illegible]	Melanie A. Lockabaugh	9/4/87	0850
3					
4					
5					
6					

O.H. Materials Corp.
OHM 16406 U.S. Route 224 East
Findlay, Ohio 45839-0551
419-423-3526

CHAIN-OF—C ODY RECORD

№ 32212

PROJECT LOCATION	NAME OF CLIENT	PROJECT TELEPHONE NO	PROJECT NUMBER
WACH'S LANDFILL W. NEWTON, PA.	USEPA - REG. III	(609) 482-0999	4687-E3-005

ITEM NUMBER	SAMPLE NUMBER	NUMBER & SIZE OF CONTAINERS	DESCRIPTION	TRANSFER NUMBER & CHECK 1	2	3	4	5	6	7
1	122	8 oz GLASS	Amber solid	✓	✓					
2	123		BLACK SOLID	✓	✓					
3	124		AMBER SOLID	✓	✓					
4	125		CREAM SOLID	✓	✓					
5	126		BROWN SOLID	✓	✓					
6	127		SOIL - upper drum area	✓	✓					
7	128		SOIL - upper drum area near tire pile	✓	✓					
8	129		SOIL - lower area	✓	✓					
9	130		SOIL - lower area near crushed drum pile (10'W)	✓	✓					
10	131		SOIL - lower area near crushed drum pile (20'S)	✓	✓					
11	132		SOIL - lower area near base of burnt tree	✓	✓					
12	133		SOIL - lower area near drum fire site	✓	✓					
13	134		SOIL - WOODED AREA 10' from gas line	✓	✓					
14	135		SOIL - WOODED AREA 25' from gas line	✓	✓					
15	136		SOIL - WOODED AREA 15' from gas line	✓	✓					

Person Responsible for sample	Affiliation	Date	Time
Richard Zahn	Weston/TAT	9/8/87	09:30

Purpose of analysis (use back of front sheet if necessary)

00273

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-15	Richard Zahn / Weston	Edward Fleming, OHM	9/9/87	1045A
2	1-15	Edward Fleming	Maria A. Kedzierski	9/9/87	0850
3					
4					
5					
6					

OHM
O.H. Materials Corp.
16406 U.S. Route 224 East
Findlay, Ohio 45839-0551
419-423-3526

CHAIN-OF—CUSTODY RECORD

Nº 33445

PROJECT LOCATION	NAME OF CLIENT	PROJECT TELEPHONE NO	PROJECT NUMBER
WEST NEWTON, PA.	U.S. EPA REGION III	(609) 482-0222	# 4607E3225

ITEM NUMBER	SAMPLE NUMBER	NUMBER & SIZE OF CONTAINERS	DESCRIPTION	TRANSFER NUMBER & CHECK 1	2	3	4	5	6	7
1	137	1-8oz GLASS JAR	R/C PLASTIC CONTAMINATED WITH UNKNOWNS	X	X					
2	138	1-8oz GLASS JAR	PVC PLASTIC CONTAMINATED WITH UNKNOWNS	X	X					

Person Responsible for sample: MIKE WILSON — Affiliation: T.A.T. — Date: 4/13/87 — Time:

Purpose of analysis (use back of front sheet if necessary)

DISPOSAL ANALYSIS

TRANSFER NUMBER	ITEM NUMBER	TRANSFERS RELINQUISHED BY	ACCEPTED BY	DATE	TIME
1	1-2	PAUL LUDWIG	C. KESLING	4/13/87	1500HR
2	1-2	C. KESLING	[signature]	4/14/87	1623
3					
4					
5					
6					

(Shaded areas are for use of procurement office only) Page of

US Environmental Protection Agency
Washington, DC 20460

EPA Procurement Request/Order

1. Name of Originator	2. Date of Requisition
Vickie Province	3-18-87
3. Mail Code	**4. Telephone Number**	**5. Date Item Required**
3WM22	597-9328	ASAP

6. Signature of Originator

7. Recommended Procurement Method
☐ Competitive ☐ Other than full and open competition ☐ Sole source small purchase

Deliver To (Project Manager)	9. Address	10. Mail Code	11. Telephone Number
Thomas I. Massey	841 Chestnut St., Phila., PA 19107	3WM22	597-9893

12. Financial Data — a. Appropriation — b. Servicing Finance Office Number

NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"

FMO Use (c) (13 digits)	D T (d)	Document Control Number (e) (6 digits)	Account Number (f) (10 digits)	Object Class (g) (4 digits)	Amount (h) Dollars	Cents
		E7X253	7QFA3AM5X2	25.35	200,000	00

13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)

14. Amount of money committed is:
☒ Original
☐ Increase
☐ Decrease

15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or $100, whichever is less.
☐ Yes ☐ No

16. Approvals

a. Branch/Office	Date	d. Property Management Officer/Designee	Date
Thomas C. Voltaggio			
b. Division/Office	Date	e. Other (Specify)	Date
Stephen R. Wassersug	3/16/87		
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official)	Date	f. Other (Specify)	Date
Tom Stolle	3/16/87		

17. Date of Order	18. Order Number	19. Contract Number (if any)	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by On or before (Date)	23. Person Taking Order/Quote and Phone No.

Contractor (Name, address, ZIP Code)

25. Type of Order
☐ a. Purchase

Reference your quote (See block 23)

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 19)

c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
	Site Name: Wach's Landfill - Rd 1 Site Id: X2 Location: City: West Newton Twp. County: Westmoreland State: PA Delivery Order: 6893-03-112 to be assigned						
					Total $		

27. United States of America
By (Signature)

28. Typed Name and Title of Contracting Officer

AR100275

EPA Form 1900-8 (Rev. 9-88) Previous editions are obsolete. COPY 5 – RECEIVING

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

EPA DELIVERY ORDER FOR EMERGENCY RESPONSE CLEANUP SERVICES

(This delivery order is issued subject to all terms and conditions of the contract identified in Block 2.)

1. DATE OF ORDER	2. CONTRACT NUMBER	3. ORDER NUMBER
3/23/87	68-01-6893	6893-03-112

4. TIME OF INITIAL ORDER *(If initial order was verbal)* *(Specify Time Zone)*	5. DELIVERY ORDER CEILING AMOUNT *(Obligated Amount)*
1600 hours ☐ AM ☒ PM EST	$ 200,000.00

6. ACCOUNTING AND APPROPRIATION DATA

Appropriation Number	Document Control No.	Account Number	Object Class
68/20X8145	E7X253	7QFA3AWEX2	25.35

7a. ISSUED TO: CONTRACTOR *(Name, Address, and ZIP Code)*	8a. ISSUED BY: ORDERING OFFICE *(Name, Address, and ZIP Code)*
O. H. Materials P. O. Box 551 Findlay, Ohio 45839-0551	U. S. EPA Region III 841 Chestnut Bldg. Philadelphia, PA 19107

7b. PROGRAM MANAGER *(Name and Phone Number)*	8b. EPA REGION/USCG DISTRICT	8c. ZONE
Robert Ohneck 1-800-338-4508	III	I

7c. RESPONSE MANAGER *(Name and Phone Number)*	8d. ON-SCENE COORDINATOR *(Name and Phone Number)*
	Vickie L. Province (215) 597-9328

9. RESPONSE LOCATION *(Site Name and/or Address and ZIP Code)*	10. CONTRACTOR REQUIRED ON SITE *(Date and Time)* *(Specify Time Zone)*	11. REQUIRED WORK COMPLETION DATE
Wach's Landfill - Road #1 West Newton Township Westmoreland, Pennsylvania	3/24/87 1100 hrs EST ☒ AM ☐ PM	1/24/88

12. STATEMENT OF WORK

The Contractor shall furnish the necessary personnel, materials, services, facilities, and otherwise do all things necessary for or incident to the performance of the work set forth below:

1) Contractor shall provide all personnel and equipment, materials and/or subcontractors necessary to perform drum staging/characterization, soil sampling, and soil excavation(as directed by the osc).
2) Contractor shall provide analytical support as directed by the osc.
3) Contractor shall provide transportation/treatment/disposal for all waste streams as directed by the osc.
4) Contractor shall provide command post with communications and other office support as directed by the osc.
5) Contractor shall provide any additional support as requested and directed by the osc.
6) Contractor shall provide response manager and foreman for on site meeting with osc on 3/24/87 at 1100 hours to discuss scope of work.

13. ORDERING OFFICER		
NAME/TITLE	SIGNATURE	DATE
Vickie L. Province, OSC	Vickie L. Province	3/23/87

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

EPA DELIVERY ORDER FOR EMERGENCY RESPONSE CLEANUP SERVICES

(This delivery order is issued subject to all terms and conditions of the contract identified in Block 2.)

1. DATE OF ORDER	2. CONTRACT NUMBER	3. ORDER NUMBER
10-30-87	68-01-7445	7445-03-027

4. TIME OF INITIAL ORDER *(If initial order was verbal)* *(Specify Time Zone)*	5. DELIVERY ORDER CEILING AMOUNT *(Obligated Amount)*
☐ AM ☐ PM	10,000

6. ACCOUNTING AND APPROPRIATION DATA

Appropriation Number	Document Control No.	Account Number	Object Class
68/20X8145	RV0029	3TFA3A8EX2	25-35

7a. ISSUED TO: CONTRACTOR *(Name, Address, and ZIP Code)*	8a. ISSUED BY: ORDERING OFFICE *(Name, Address, and ZIP Code)*
O.H. Material Co. Findlay, Ohio	U.S. EPA, 841 Chestnut Street Philadelphia, PA 19107

7b. PROGRAM MANAGER *(Name and Phone Number)*	8b. EPA REGION/USCG DISTRICT	8c. ZONE
Tony Lilly 1800-537-9540	Region III	I

7c. RESPONSE MANAGER *(Name and Phone Number)*	8d. ON-SCENE COORDINATOR *(Name and Phone Number)*
	Jack Downie

9. RESPONSE LOCATION *(Site Name and/or Address and ZIP Code)*	10. CONTRACTOR REQUIRED ON SITE *(Date and Time)* *(Specify Time Zone)*	11. REQUIRED WORK COMPLETION DATE
Wachs Landfill West Newton TWP., PA	Continuation of Work ☐ AM ☐ PM	03-31-88

12. STATEMENT OF WORK

The Contractor shall furnish the necessary personnel, materials, services, facilities, and otherwise do all things necessary for or incident to the performance of the work set forth below:

1. Continuation of Delivery Order No. 6893-03-112 under Contract 68-01-6893.

2. Arrange disposal (incineration) and trucking per instruction of OSC.

13. ORDERING OFFICER

NAME/TITLE	SIGNATURE	DATE
Stephen Jarvela Chief, Removal Response Sec.		11/4/87

EPA Form 1900-59 (11-83)

AR100277

ORDERING OFFICER/OSC

Jack

US Environmental Protection Agency
Washington, DC 20460

EPA **Procurement Request/Order**

1. Name of Originator	2. Date of Requisition
Steve Jarvela	11-04-87

3. Mail Code	4. Telephone Number	5. Date Item Required
3HW25	215/597-7915	ASAP

6. Signature of Originator

7. Recommended Procurement Method
☐ Competitive ☐ Other than full and open competition ☐ Sole source small pu

8. Deliver To *(Project Manager)*	9. Address	10. Mail Code	11. Telephone Number
Steve Jarvela	841 Chestnut Street Phila., PA 19105	3HW25	215/597-7915

12. Financial Data
(a) Appropriation 68/20X6145

NOTE: Item 12 (c) Document Type—Contract = "C," Purchase Order = "P," IGA = "A," Other *(Misc.)* = "X"

FMO Use (b) *(13 digits)*	DT (c)	Document Control Number (d) *(6 digits)*	Account Number (e) *(10 digits)*	Object Class (f) *(4 digits)*	Amount (g) Dollars	Cent
		SEE ATTACHED SHEET		25.35	65,000	00

13. Suggested Source *(Name, Address, ZIP Code, Phone/Contact)*	14. Amount of money committed is	15. Servicing Finance Office Number
O.H. Materials Findlay, Ohio	☑ Original ☐ Increase ☐ Decrease	Region III

16. Approvals

a. Branch/Office	Date	d. Property Management Officer/Designee	Date
Thomas C. Voltaggio			
b. Division/Office	Date	e. Other *(Specify)*	Date
Stephen R. Wassersug			
c. Funds listed above are available and reserved — Rich Messmer	Date	f. Other *(Specify)*	Date

17. Date of Order	18. Order Number	19. Contract Number *(if any)*	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by *On or before (Date)*	23. Person Taking Order/Quote and Phone No.

24. Contractor *(Name, address, ZIP Code)*

25. Type of Order
☐ a. Purchase

Reference your quote *(See block 23,*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. *(See Block 19)*

c. ☐ Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
	SEE ATTACHED SHEET FOR LIST OF SITES AND OTHER RELATED INFORMATION SITE: WAchs LANDFILL						
					Total $		

AR100278

27. United States of America By *(Signature)*	28. Typed Name and Title of Contracting Officer

OSC FILE

US Environmental Protection Agency
Washington, DC 20460

EPA **Procurement Request/Order**

1. Name of Originator	2. Date of Requisition
Jack Downie	December 2, 1987
3. Mail Code	**4. Telephone Number**	**5. Date Item Required**
3HW22	304/233-6831	ASAP

6. Signature of Originator: [signature]

7. Recommended Procurement Method: ☐ Competitive ☐ Other than full and open competition ☐ Sole source small purchase

9. Deliver To *(Project Manager)*	9. Address	10. Mail Code	11. Telephone Number
Michael Zickler	841 Chestnut St., Phila., PA 19107	3HW22	215/597-9898

12. Financial Data

(a) Appropriation: 68/20X8145

NOTE: Item 12 (c) Document Type—Contract = "C," Purchase Order = "P," IGA = "A," Other *(Misc.)* = "X"

FMO Use (b) *(13 digits)*	DT (c)	Document Control Number (d) *(6 digits)*	Account Number (e) *(10 digits)*	Object Class (f) *(4 digits)*	Amount (g) Dollars	Cents
		RV0040	8TFA3A5EX2	25.35	165000	00

13. Suggested Source *(Name, Address, ZIP Code, Phone/Contact)*	14. Amount of money committed is:	15. Servicing Finance Office Number
O.H. Materials Findlay, Ohio	☒ Original ☐ Increase ☐ Decrease	Region III

16. Approvals

a. Branch/Office	Date	d. Property Management Officer/Designee	Date
Thomas C. Voltaggio			
b. Division/Office	Date	e. Other *(Specify)*	Date
Stephen R. Wassersug			
c. Funds listed above are available and reserved	Date	f. Other *(Specify)*	Date
Richard Nassimer			

17. Date of Order	18. Order Number	19. Contract Number *(if any)*	20. Discount Terms

21. FOB Point	22. Delivery to FOB Point by *On or before (Date)*	23. Person Taking Order/Quote and Phone No.

24. Contractor *(Name, address, ZIP Code)*

25. Type of Order: ☐ a. Purchase

Reference your quote *(See block 23)*

Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated.

☐ b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. *(See Block 19)*

☐ c. Oral ☐ Written ☐ Confirming

26. Schedule

Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
	SITE NAME: Nuch Landfill SITE ID: X2 LOCATION: West Newton Twp. Westmoreland County, PA CONTRACT: 68-01-7445 DELIVERY ORDER: 7445-03-027						
					Total $		

27. United States of America By *(Signature)*	28. Typed Name and Title of Contracting Officer

AR100279

EPA Form 1900-8 (Rev. 12-85) 4-85 edition may be used.
All others are obsolete.

COPY 5 — RECEIVING

U.S. ENVIRONMENTAL PROTECTION AGENCY
REGION III
Emergency Response Section
303 Methodist Building
Wheeling, West Virginia 26003

November 18, 1987

Ms. Lorri Balsbougs
Department of Environmental Resources
Bureau of Waste Management
P. O. Box 2063
Harrisburg, Pennsylvania 17120

Dear Ms. Balsbougs:

Enclosed please find a "Notification of Hazardous Waste Activity" to serve as an application for a Provisional ID Number from the State of Pennsylvania. Jack L. Downie, OSC, USEPA Region III is requesting this provisional ID number in order that 159 overpacked drums of hazardous waste, N.O.S., may be transported from Wachs Landfill, West Newton, West Moreland County, Pennsylvania out of state for disposal at an EPA approved hazardous waste disposal facility. The drums have been segregated into three (3) waste streams.

40 - Waste Flammable Liquid N.O.S.
104 - Hazardous Waste Solid N.O.S.
15 - Hazardous Waste Liquid N.O.S.

The drums are currently staged at Wach's Landfill as a result of CERCLA Removal Action at the site.

Thank you for your cooperation with this matter and if you have any questions, please contact me at the USEPA Wheeling, West Virginia office (304) 233-9831.

Sincerely,

Jack L. Downie

Jack L. Downie, OSC
USEPA Region III

JLD:pl
Attachment

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0028. Expires 9-30-88
GSA No. 0245-EPA-C

United States Environmental Protection Agency
Washington, DC 20460

EPA Notification of Hazardous Waste Activity

Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law *(Section 3010 of the Resource Conservation and Recovery Act).*

For Official Use Only

Comments

C C

Installation's EPA ID Number | Approved | Date Received (yr. mo. day)

C F | T/A 1 | C

I. Name of Installation

USEPA REGION III

II. Installation Mailing Address

Street or P.O. Box

C 3: 303 METHODIST BLDG

City or Town | State | ZIP Code

C 4: WHEELING | WV | 26003

III. Location of Installation

Street or Route Number

C 5: RD 1 WEST NEWTON

City or Town | State | ZIP Code

C 6: WEST NEWTON | PA | 15089

IV. Installation Contact

Name and Title *(last, first, and job title)* | Phone Number *(area code and number)*

C 2: SAMUEL WACH | 412 | 572 | 9606

V. Ownership

A. Name of Installation's Legal Owner | B. Type of Ownership *(enter code)*

C R: SAMUEL WACH | P

VI. Type of Regulated Waste Activity *(Mark 'X' in the appropriate boxes. Refer to instructions.)*

A. Hazardous Waste Activity

- [X] 1a. Generator
- [ ] 1b. Less than 1,000 kg/mo.
- [ ] 2. Transporter
- [ ] 3. Treater/Storer/Disposer
- [ ] 4. Underground Injection
- [ ] 5. Market or Burn Hazardous Waste Fuel *(enter 'X' and mark appropriate boxes below)*
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner

B. Used Oil Fuel Activities

- [ ] 6. Off-Specification Used Oil Fuel *(enter 'X' and mark appropriate boxes below)*
  - [ ] a. Generator Marketing to Burner
  - [ ] b. Other Marketer
  - [ ] c. Burner
- [ ] 7. Specification Used Oil Fuel Marketer *(or On site Burner)* Who First Claims the Oil Meets the Specification

VII. Waste Fuel Burning: Type of Combustion Device *(enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)*

- [ ] A. Utility Boiler
- [ ] B. Industrial Boiler
- [ ] C. Industrial Furnace

VIII. Mode of Transportation *(transporters only — enter 'X' in the appropriate box(es)*

- [ ] A. Air
- [ ] B. Rail
- [ ] C. Highway
- [ ] D. Water
- [ ] E. Other *(specify)*

IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

- [X] A. First Notification
- [ ] B. Subsequent Notification *(complete item C)*

C. Installation's EPA ID Number: AR1002811

ID — For Official Use Only

C W | T/A | C 1

X. Description of Hazardous Wastes *(continued from front)*

A. Hazardous Wastes from Nonspecific Sources. Enter the four-digit number from 40 *CFR* Part 261.31 for each listed hazardous wa... from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
D001	D008	D009			
7	8	9	10	11	12

B. Hazardous Wastes from Specific Sources. Enter the four-digit number from 40 *CFR* Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

C. Commercial Chemical Product Hazardous Wastes. Enter the four-digit number from 40 *CFR* Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	4
43	44	45	46	47	48

D. Listed Infectious Wastes. Enter the four-digit number from 40 *CFR* Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

E. Characteristics of Nonlisted Hazardous Wastes. Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. *(See 40 CFR Parts 261.21 — 261.24)*

☐ 1. Ignitable *(D001)* ☐ 2. Corrosive *(D002)* ☐ 3. Reactive *(D003)* ☐ 4. Toxic *(D000)*

XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature	Name and Official Title *(type or print)*	Date Signed
Jack L. Downie	JACK L. Downie	11/19/87

O.H. Materials Corp.
16406 U.S. Route 224 East
P.O. Box 551
Findlay, Ohio 45839-0551
419-423-3526
Telex 298248 OHMI UR (RCA)

OHM

May 26, 1987

U.S. EPA Region III
Environmental Emergency Branch
841 Chestnut Building
Philadelphia, Pennsylvania 19107
ATTN: Vickie Province

RE: Wach's Landfill OHM Project #4687-E

The following observations and recommendations are intended to illustrate various options for the handling of the wastes currently staged on the Wachs Landfill site.

The initial compatability results reflect an inventory of 138 drums plus 21 additional layers of waste.
The waste streams that have been identified are as follows:

50	Flammable solids
43	Base/Neutral solids
38	Flammable Organic liquids
15	Base neutral liquids
10	Organic solids
1	Flammable Chlorinated Organic liquid
1	Flammable Chlorinated solid
1	Organic liquid
158	Total

To provide the most cost-effective approach, certain waste streams may be further consolidated for analytical purposes where the matracies and ultimate disposal methods are compatible. Therefore the potential waste streams would consist of:

- Liquids for Incineration

  38 Flammable Organic liquids
  1 Flammable Chlorinated Organic liquid
  1 Organic liquid

- Solids for Landfill or Incineration

  43 Base/Neutral solids

o Liquids for Aqueous Treatment, Incineration, or Stabilization prior to Landfill

15 Base/Neutral liquids

These methods of consolidation, while very cost effective, are not without risk. For example, a single drum of mercury waste in an incineration stream may render the stream untreatable and precipitate a screening of each drum, or require a different disposal method all together.

Disposal contractors appropriate for the disposal of the materials listed above include, but are not limited to:

Incinerators (liquids & solids)	Location	Average Gate Rate (per 55 gal. drum)
Trade waste incineration	Sauget, IL	$300.00 +
Thermalkem	Rock Hill, SC	$250.00 +
X Caldwell Systems not in compliance ?	Lenoir, NC	$250.00 +
Landfills		
Chemical Waste Mgmt.	Emelle, AL	$ 60.00 +
GSX	Pinewood, SC	$ 60.00 +
Adams Center Landfill	Ft. Wayne, IN	$ 60.00 +
Aqueous Treatment Plants		
SCA	Newark, NJ	$ 80.00 +
Waste Conversion	Hatfield, PA	$100.00 +
CTC	Bristol, CN	$ 80.00 +

Transportation, estimated unit rate $3.50/loaded mile for box vans with average capacity of 68 drums per load.

I hope this information will be useful in determining what compositing scheme to use. Please contact either John Copus or myself to proceed with the analytical phase of the project.

Sincerely,

William M. Buchan
Sr. Waste Disposal Coordinator

WMB:smm

pc: John Copus
File 4687-E

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

January 15, 1986

Mr. Gale V. Campbell
PADER Bureau of Solid Waste Management
Pittsburgh Regional Office
Highland Building
121 S. Highland Avenue
Pittsburgh, PA 15206

Re: Wachs' Landfill, Disposal of Empty Drums on the Site

Dear Mr. Campbell:

This letter is a follow-up to our conversation on January 14, 1987 regarding the possibility of disposing of empty drums from the upcoming removal action in the landfill.

During the removal, EPA will classify drums based on the following criteria:

1. Drums that are completely rusted out, or that are determined to have no product in them will be classed as empty. This does not include drums which, although empty, have detectable levels of organic vapors.

2. All other drums, including drums with open bungs, will be classed as non-empty.

All drums will be dealt with accordingly.

If you have any questions, please call me at (304) 233-9831.

Sincerely,

U.S. ENVIRONMENTAL PROTECTION AGENCY

Jack L. Downie

Jack L. Downie
On-Scene Coordinator
Wheeling, WV

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
Post Office Box 2063
Harrisburg, Pennsylvania 17120

December 07, 1987

Bureau of Waste Management
717-787-6239

Jack Downie
EPA - Region 3
303 Methodist Bldg.
Wheeling, WV 26003

****
Wach's Landfill
R. D. 1
West Newton, PA 15089

Dear Mr. Downie:

This is to confirm a request for a temporary ID Number. The Provisional ID Number PAP000002299 issued to the above site as a result of this request is effective as December 07, 1987 and will expire on January 07, 1988.

If, for any reason, you do not use this provisional number within the 30-day limit, you are required to notify this office in writing within one week of the expiration date.

For further information or assistance, please do not hesitate to contact me at 717-787-6239.

Sincerely,

Lauree Balsbaugh

Lauree Balsbaugh
Division of Compliance & Monitoring
Bureau of Waste Management

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone: (803) 734-5200
Emergency & Holidays: (803)734-5424

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter)

Form Approved. OMB No. 2050-0039 Expires 9-3

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. / Manifest Document No.: PAP000022990001
2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is by State l

3. Generator's Name and Mailing Address: USEPA REGION 3, 303 METHODIST BLDG, WHEELING, WV 26003
4. Generator's Phone (304) 233-9831

A. State Manifest Document Number
B. State Generator's ID: WASH SEANFILE

5. Transporter 1 Company Name: CHEM FREIGHT
6. U.S. EPA ID Number: OHD075006304

C. State Transporter's ID
D. Transporter's Phone 216 341-250

7. Transporter 2 Company Name
8. U.S. EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: THERMAL KEM INC, RD#5 VERNES DULE RD, Rock Hill, S.C. 29731
10. U.S. EPA ID Number: SCD044442333

G. State Facility's ID
H. Facility's Phone 803-227-5310

11. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. HAZARDOUS WASTE SOLID N.O.S., ORM-E NA 9189	048	DM	11	T	D00[illegible]
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

a. | b. | c. | d.

15. Special Handling Instructions and Additional Information

2256

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classifi[ed], packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations a[nd] the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economica[lly] practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to hum[an] health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management meth[od] that is available to me and that I can afford.

Printed/Typed Name: Paula J. Curtin, EPA-R-III | Signature: Paula J. Curtin | Month Day Year: 01 1 3 8

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Robert HEAD | Signature: Robert Head | Month Day Year: 01 1 3 8

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space

Section JA - NO ST# listed ST-00001-7205
drums were marked ST-00001-7204 not ST-00001-7205

a. lbs. b. lbs. c. lbs. d. lbs.

20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. 110282

Printed/Typed Name: Matthew LERK | Signature: Matthew J Lerk | Month Day Year: 01 1 4 8

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone: (803) 734-5200
Emergency & Holidays: (803)734-5424

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter) Form Approved. OMB No. 2050-0039 Exp...

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. PAP000002299 Manifest Document No. 00002
2. Page 1 of 1
Information in the shaded ... required by Federal law, but is ...

3. Generator's Name and Mailing Address USEPA REGION 3
303 METHODIST BLDG.
WHEELING, WV 26003
4. Generator's Phone (304) 233-9831

A. State Manifest Document Number
B. State Generator's ID WASHINGTON ...

5. Transporter 1 Company Name DART TRUCKING COMPANY INC
6. U.S. EPA ID Number OHD009865825
C. State Transporter's ID
D. Transporter's Phone (216) ...-533...

7. Transporter 2 Company Name
8. U.S. EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
THERMALKEM, INC
RD#5 VERNES, DULE RD.
Rock Hill, S.C. 29731
10. U.S. EPA ID Number SCD044442333
G. State Facility's ID
H. Facility's Phone 803 327-5310

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. HAZARDOUS WASTE SOLID N.O.S., ORM-E NA 9189	48	DM	00011	T	D008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. ST-00001-7204
b.
c.
d.

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

#2270

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Paula J. Curtin, EPA R-3 | Signature Paula J. Curtin | Month Day Year 10/1/38...

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name BEN Hubbard 911 | Signature Ben Hubbard 911 | Month Day Year 10/1/38...

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

19. Discrepancy Indication Space
ARF lists F005, D001; manifest lists D008
ARF lists as flammable liquid
a. lbs. b. lbs. c. lbs. d. lbs.

20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

AR100288

Printed/Typed Name George Rutherford | Signature ... R. ... | Month Day Year 10/1/...

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone: (803) 734-5200
Emergency & Holidays: (803)734-5424

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter) Form Approved. OMB No. 2050-0039 Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. PAP000002299 Manifest Document No. 00103
2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is by State law

3. Generator's Name and Mailing Address: USEPA REGION 3, 303 METHODIST BUILDING, WHEELING, WV 26003
4. Generator's Phone (304) 233-9831

A. State Manifest Document Number

B. State Generator's ID: BACH'S LANDFILL

5. Transporter 1 Company Name: DART TRUCKING COMPANY, INC.
6. U.S. EPA ID Number: OHD009865825

C. State Transporter's ID

D. Transporter's Phone 216-633-9[illegible]

7. Transporter 2 Company Name
8. U.S. EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address: THERMAL KEM, INC., RD#5 VERNIES AULE RD., ROCK HILL, S.C. 29731
10. U.S. EPA ID Number: SCD044442333

G. State Facility's ID

H. Facility's Phone 803-327-53[illegible]

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. WASTE FLAMMABLE LIQUID N.O.S., FLAMMABLE LIQUID UN 1993, RQ D001	033	DM	00008	T	F005 / D001
b. HAZARDOUS WASTE SOLID N.O.S., ORM-E, NA9189	005	DM	00002	T	D008
c. HAZARDOUS WASTE LIQUID N.O.S., ORM-E, NA9189	003	DM	0001½	T	D009
d.					

J. Additional Descriptions for Materials Listed Above

a. ST-00001-7204
b. ST-00001-7205
c. ST-00001-7206
d.

K. Handling Codes for Wastes Listed Above: T09

15. Special Handling Instructions and Additional Information

#2271

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month Day Year
Paula J. Curtin, EPA Region 3	Paula J. Curtin	10/13/88

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
Merle W Colley	Merle W Colley	10/11/88

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

19. Discrepancy Indication Space

ST-1-7204 lists 33 DM's, should show 5 DM; ST-1-7205 list 5 DM, should list 33 DM's.
[illegible] you [illegible]

a. lbs. b. lbs. c. lbs. d. lbs.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

AR100269

Printed/Typed Name	Signature	Month Day Year
Willie J. Leak	Willie J. Leak Jr.	10/14/88

EPA Form 8700-22 (Rev. 9/88) Previous Editions are Obsolete (DHEC 1989 (Rev. 10/88))

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone: (803) 734-5200
Emergency & Holidays: (803)734-5424

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter) Form Approved. OMB No. 2050-0039 Expires 9-30-88

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. PAP000002299 Manifest Document No. 00002
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address: USEPA REGION 3, 303 METHODIST BLDG., WHEELING, WV 26003
4. Generator's Phone (304) 233-9831
A. State Manifest Document Number
B. State Generator's ID: WASH'S LANDFILL
5. Transporter 1 Company Name: DART TRUCKING COMPANY, INC
6. U.S. EPA ID Number: OHD008865825
C. State Transporter's ID
D. Transporter's Phone (216) 341-533
7. Transporter 2 Company Name
8. U.S. EPA ID Number
E. State Transporter's ID
F. Transporter's Phone
9. Designated Facility Name and Site Address: THERMALKEM, INC. RD #5 VERNES, DULE RD. Rock Hill, SC. 29731
10. U.S. EPA ID Number: SCD044442333
G. State Facility's ID
H. Facility's Phone 803-277-5310

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. HAZARDOUS WASTE SOLID N.O.S., ORM-E NA 9189	48	DM	00011	T	D008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. ST-GOOCH-7204
b.
c.
d.

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Paula J. Curtin, EPA R-3 — Signature: Paula J. Curtin — Month Day Year: 10 13 88

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Ben Hubbard 911 — Signature: Ben Hubbard 911 — Month Day Year: 10 13 88

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space
a lbs. c
b lbs. d

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 9/86) Previous Editions are Obsolete (DHEC 1988 (Rev. 10/86))

AR100290

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone: (803) 734-5200
Emergency & Holidays: (803)734-5424

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter) Form Approved. OMB No. 2050-0039 Expires 9-30-

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No.: PAP000002299 Manifest Document No.: 0003
2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is by State law

3. Generator's Name and Mailing Address: USEPA REGION 3, 303 METHODIST BLDING, WHEELING, WV 26003

4. Generator's Phone (304) 233-9831

A. State Manifest Document Number

B. State Generator's ID: WACH'S CABBAGE

5. Transporter 1 Company Name: DART TRUCKING COMPANY, INC.
6. U.S. EPA ID Number: OHD009865825

C. State Transporter's ID
D. Transporter's Phone 216-533-984

7. Transporter 2 Company Name
8. U.S. EPA ID Number

E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address: THERMAL KEM, INC. RD#5 VERNUS AULE RD. Rock Hill, S.C. 29731
10. U.S. EPA ID Number: SCD044442333

G. State Facility's ID
H. Facility's Phone 803-329-5305

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. WASTE FLAMMABLE LIQUID N.O.S., FLAMMABLE LIQUID UN 1993, RQ D001	033	DM	00008	T	F005 D001
b. HAZARDOUS WASTE SOLID N.O.S., ORM-E, NA9189	005	DM	00002	T	D008
c. HAZARDOUS WASTE LIQUID N.O.S., ORM-E, NA9189	003	DM	0001 1/2	T	D009
d.					

J. Additional Descriptions for Materials Listed Above

a. ST-00001-7204
b. ST-00001-7205
c. ST-00001-7206
d.

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Paula T. Curtin, EPA Region 3 — Signature: Paula T. Curtin — Month Day Year: 10 11 3 88

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Merle W. Colley — Signature: Merle W Colley — Month Day Year: 10 11 3 88

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

a ___ lbs. c ___ lbs.
b ___ lbs. d ___ lbs.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name — Signature — Month Day Year

AR100291

EPA Form 8700-22 (Rev. 9/86) Previous Editions are Obsolete [DHEC 1988 (Rev. 10/88)]

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone: (803) 734-5200
Emergency & Holidays: (803)734-5424

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter) Form Approved. OMB No. 2050-0039 Expires 9-30-8

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. P A P 0 0 0 0 2 2 9 9 | Manifest Document No. 0 0 0 0 0 1 | 2. Page 1 of 1 | Information in the shaded are not required by Federal law, but is b w.

GENERATOR

3. Generator's Name and Mailing Address: USEPA REGION 3
303 METHODIST BLDG
WHEELING, WV 26003

4. Generator's Phone (304) 233-4831

A. State Manifest Document Number:

B. State Generator's ID: WASH'S LANDFILL

C. State Transporter's ID:

D. Transporter's Phone: 214 341-2500

E. State Transporter's ID:

F. Transporter's Phone:

G. State Facility's ID:

H. Facility's Phone: 803-327-5310

5. Transporter 1 Company Name: CHEM FREIGHT
6. U.S. EPA ID Number: M I D 0 7 5 0 0 6 3 0 4

7. Transporter 2 Company Name:
8. U.S. EPA ID Number:

9. Designated Facility Name and Site Address: THERMAL KEM INC
RD #5 VERNES DALE RD
Rock Hill, S.C. 29731
10. U.S. EPA ID Number: S C D 0 4 4 4 4 2 3 3 3

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. HAZARDOUS WASTE SOLID N.O.S., ORM-E NA 9189	0 0 1	DM	0 0 1 1	T	D 0 0 8
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

a. ___ - ___ - ___
b. ___ - ___ - ___
c. ___ - ___ - ___
d. ___ - ___ - ___

K. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Paula J. Curtin EPA-R-III	Paula J. Curtin	10	13	8

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Robert Head	Robert Head	10	13	8

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

a. ___ lbs. c. ___ t.
b. ___ lbs. d. ___ cu.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
	AR100292			

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone: (803) 734-5200
Emergency & Holidays: (803)734-5424

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter) Form Approved. OMB No. 2050-0039 Expires 9-30-8

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. P A P 0 0 0 0 2 2 9 9 | Manifest Document No. C 0 0 0 1
2. Page 1 of 1
Information in the shaded areas is not required by Federal law, but is by State law

GENERATOR

3. Generator's Name and Mailing Address: USEPA REGION 3
303 METHODIST BLDG
WHEELING, WV 26003
4. Generator's Phone (304) 233-9831

A. State Manifest Document Number:
B. State Generator's ID: WASH'S LANDFILL
C. State Transporter's ID:
D. Transporter's Phone: 214 341-2500
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone: 803-327-5310

5. Transporter 1 Company Name: CHEM FREIGHT
6. U.S. EPA ID Number: T X D 0 7 5 C 0 6 3 0 4
7. Transporter 2 Company Name:
8. U.S. EPA ID Number:
9. Designated Facility Name and Site Address: THERMAL KEM ENG
RD #5 VERNES DALE RD
ROCK HILL, S.C. 29731
10. U.S. EPA ID Number: S C D 0 4 4 4 4 2 3 3 3

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	K. Waste Number
a. HAZARDOUS WASTE SOLID N.O.S., ORM-E NA 9189	0 0 1	D M	0 0 1 1	T	D 0 0 8
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above
a. ___ - ___ - ___ c. ___ - ___ - ___
b. ___ - ___ - ___ d. ___ - ___ - ___

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Paula J. Curtin EPA - R - III	Paula J. Curtin	1	1	3 8

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
ROBERT HEAD	Robert Head	1	1	3 8

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space
a. ___ lbs. c. ___ lbs.
b. ___ lbs. d. ___ lbs.

FACILITY

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
	AR100293			

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone: (803) 734-5200
Emergency & Holidays: (803)734-5424

PLEASE PRINT or TYPE (Form designed for use on elite (12-pitch) typewriter)

Form Approved. OMB No. 2050-0039 Expires 9-30-8

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. P A P 0 0 9 0 2 2 9 9 0 | Manifest Document No. 0 0 0 1 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law, but is by State law.

3. Generator's Name and Mailing Address: USEPA REGION 3, 303 METHODIST BLDG, WHEELING, WV 26003

4. Generator's Phone: (304) 233-9831

A. State Manifest Document Number:

B. State Generator's ID: WASH'S LANDFILL

5. Transporter 1 Company Name: CHEM FREIGHT

6. U.S. EPA ID Number: I L D 0 7 5 0 6 3 0 4

C. State Transporter's ID:

D. Transporter's Phone: 216 341-2500

7. Transporter 2 Company Name:

8. U.S. EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address: THERMAL KEM ENG, RD #5 VERNES DULG RD, ROCK HILL, S.C. 29731

10. U.S. EPA ID Number: S C D 0 4 4 4 2 3 3 3

G. State Facility's ID:

H. Facility's Phone: 803-327-5310

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. HAZARDOUS WASTE SOLID N.O.S., ORM-E NA 9189	048	DM	111	T	D008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

a. | b. | c. | d.

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Philip J. Curtin EPA-R-III	Philip J. Curtin	10	1	38

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Robert Head	Robert Head	10	1	38

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

a. ____ lbs. c. ____ lbs.
b. ____ lbs. d. ____ lbs.

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
	AR100294			

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone: (803) 734-5200
Emergency & Holidays: (803)734-5424

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved. OMB No. 2050-0039 Expires 9-30-8[illegible]

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. / Manifest Document No.: P A P 0 0 0 0 0 2 2 9 9 0 0 0 0 1

2. Page 1 of 1

Information in the shaded areas is not required by Federal law, but is by State law.

GENERATOR

3. Generator's Name and Mailing Address: USEPA REGION 3
303 METHODIST BLDG
WHEELING, WV 26003

4. Generator's Phone (304) 233-4831

5. Transporter 1 Company Name: CHEM FREIGHT

6. U.S. EPA ID Number: OHD075006304

7. Transporter 2 Company Name:

8. U.S. EPA ID Number:

9. Designated Facility Name and Site Address: THERMAL KEM ENG
RD #5 VERNES DULE RD
Rock Hill, S.C. 29731

10. U.S. EPA ID Number: SCD044442333

A. State Manifest Document Number

B. State Generator's ID: WASH'S LANDFILL

C. State Transporter's ID

D. Transporter's Phone: 216 341-2500

E. State Transporter's ID

F. Transporter's Phone

G. State Facility's ID

H. Facility's Phone: 803-227-5310

11. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. HAZARDOUS WASTE SOLID N.O.S., ORM-E NA 9189	048	DM	11	T	D008
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

a. — —   c. — —

b. — —   d. — —

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Paula J. Curtin EPA - R - III	Paula J. Curtin	10	[illegible]	[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Robert HEAD	Robert Head	[illegible]	[illegible]	[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

a. lbs. c. lbs.
b. lbs. d. lbs.

20. Facility Owner or Operator; Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

AR100295

South Carolina Department of Health and Environmental Control

Bureau of Solid & Hazardous Waste Mgt.
2600 Bull Street, Columbia, SC 29201
Phone: (803) 734-5200
Emergency & Holidays: (803)734-5424

PLEASE PRINT or TYPE (Form designed for use on elite [12-pitch] typewriter)

Form Approved. OMB No. 2050-0039 Expires 9-30-8

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's U.S. EPA ID No. P A P 0 0 0 2 2 9 9 0 0 0 0 1 — Manifest Document No. — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law, but is by [illegible] law.

3. Generator's Name and Mailing Address: USEPA REGION 3, 303 METHODIST BLDG, WHEELING, WV 26003

4. Generator's Phone: (304) 233-9831

A. State Manifest Document Number:

B. State Generator's ID: WASH'S LANDFILL [illegible]

5. Transporter 1 Company Name: CHEM FREIGHT — 6. U.S. EPA ID Number: I N D 0 7 5 0 6 3 0 4

C. State Transporter's ID:

D. Transporter's Phone: 216 341-2500

7. Transporter 2 Company Name — 8. U.S. EPA ID Number:

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address: THERMAL KEM ENG, RD #5 VERNES DALE RD, Rock Hill, S.C. 29731 — 10. U.S. EPA ID Number: S C D 0 4 4 4 4 2 3 3 3

G. State Facility's ID:

H. Facility's Phone: 803-327-5310

11. U.S. DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. HAZARDOUS WASTE SOLID N.O.S., ORM-E NA 9189	0 0 1	D M	0 0 1 1	T	D 0 0 8
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and the laws of the State of South Carolina.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Paula J. Curtin EPA-R-III	Paula J. Curtin	10	13	8[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
ROBERT HEAD	Robert Head	10	13	8[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

a. [ ] lbs. c. [ ]
b. [ ] lbs. d. [ ]

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
	AR100296			

United States
Environmental Protection
Agency

Region 3
841 CHESTNUT BUILDING
PHILADELPHIA, PENNSYLVANIA 19107 (215) 597-9825

RESPONSE
EMERGENCY RESPONSE
3HW22

EPA Environmental News

Contact: Pete Bentley
(215) 597-6728
87-46, April 7, 1987

FOR IMMEDIATE RELEASE

EPA TO CONDUCT CLEANUP OF WACH'S LANDFILL, WEST NEWTON TOWNSHIP, PENNSYLVANIA

PHILADELPHIA, PA -- On April 8, the U.S. Environmental Protection Agency (EPA) will begin a cleanup of drums leaking hazardous substances at the Wach's Landfill, West Newton Township, Westmoreland County, Pennsylvania.

During Hurricane Agnes in 1972, drums were observed floating down Little Sewickly Creek, which runs adjacent to the Wach's Landfill. In the aftermath of the storm, many of the drums were pulled from the creek and stored at the landfill, where they remain.

The first phase of the cleanup is expected to last one week. Approximately 200 leaking and deteriorating drums containing benzene, xylene, toluene, and lead will be gathered together and stabilized on site. Air and soil samples will be taken to determine the exact nature and extent of the hazard.

The drums will be secured on site until they are moved at a later date to an approved disposal site. Contaminated soil will either be removed or decontaminated on site, depending on the amount of soil found to be contaminated and the degree of contamination.

# # #

NUS CORPORATION
992 OLD EAGLE SCHOOL ROAD
SUITE 916
WAYNE, PENNSYLVANIA 19087
(215)687-9510

November 15, 1984
R-585-10-4-22
68-01-6699

Mr. Harold Byer
U.S. Environmental Protection Agency
Sixth and Walnut Streets
Philadelphia, PA 19106

Subject: Final Report
TDD No. F3-8409-09
Wachs Landfill
Newton, Pennsylvania

Dear Mr. Byer:

On October 9, 1984, FIT III members Michael Nalipinski and Jeffrey Case were accompanied by Thomas Showman, Department of Environmental Resources District V, and Rick Watman, EPA Region III, for a site reconnaissance of the Wachs Landfill. The FIT met with Mr. Joseph Wachs on his property at 9 AM on the aforementioned date. The weather at the time of the inspection was overcast with temperatures in the mid 50s.

Mr. Wachs owns 69 acres, which he uses as a landfill and for junk storage and metal recycling operations. According to Thomas Showman, Mr. Wachs's landfill and his recycling operation have been cited for violation of DER mandates.

During Hurricane Agnes in 1972, drums were observed floating down Sewickly Creek and eventually into the Youghiogheny River. According to Mr. Wachs, a majority of the drums (presently located on his property) were pulled from Sewickly Creek during the hurricane. During the site reconnaissance, FIT III observed the location of 3 major drum areas. The first area contains 10 to 15 drums (none of which are labeled) that Mr. Wachs is storing for a deceased neighbor (Edmund Base). Mr. Wachs told FIT III that the drums contain paints; this could not be verified during the site visit.

The second drum area contained 95 drums that Mr. Wachs allegedly pulled from Sewickly Creek in 1972. These drums were in relatively good condition, since some of the labels were still legible. Approximately 3 of these drums were blue and white and had "cyanide 12-0021-SIC" labeled on them. Two other drums in this area were split open and leaking a material that appeared to be a lubricant. A fluctuating HNU reading of up to 100 ppm was recorded at this location. Mr. Thomas Showman stated that, during past investigations, HNU readings of approximately 500 ppm were recorded. Approximately 80 of the 95 drums in this area contain material.

A third drum area was observed by FIT III along the western property line of the Wachs property. According to Mr. Wachs, the adjacent property (where some of the drums are located) belongs to a Mr. Ray, whose address and whereabouts are unknown. This drum area contains approximately 70 drums scattered throughout Sewickly Creek's floodplain. Approximately 35 of these drums contain some material. In this area, FIT III observed a petroleum odor, but no HNU readings were recorded. Two drums have "Hooker Chemical Company Trichloroethylene" and "Monsanto" labels.

According to Mr. Wachs and DER file information, the origin of the drums was Swank's Landfill, which is located approximately 3 miles to the north, upstream of the Wachs' property. On October 9, 1984, FIT III personnel also surveyed the old Swank's Landfill. Numerous empty, rusted-out drums were observed scattered along the creek. One pocket, of approximately 10 to 20 drums, was observed between an oxbow pond and the creek. FIT III could not gain access to these drums due to dense vegetation, but intact bungs were observed. According to Mr. Stanley Angeleyk, the current owner of the Old Swank Dump, there is no groundwater use within 1/4 mile of the site.

During FIT III's inspections, various leads were provided from interviewees regarding possible origin of the aforementioned drums. As of this time, no conclusive information has been obtained.

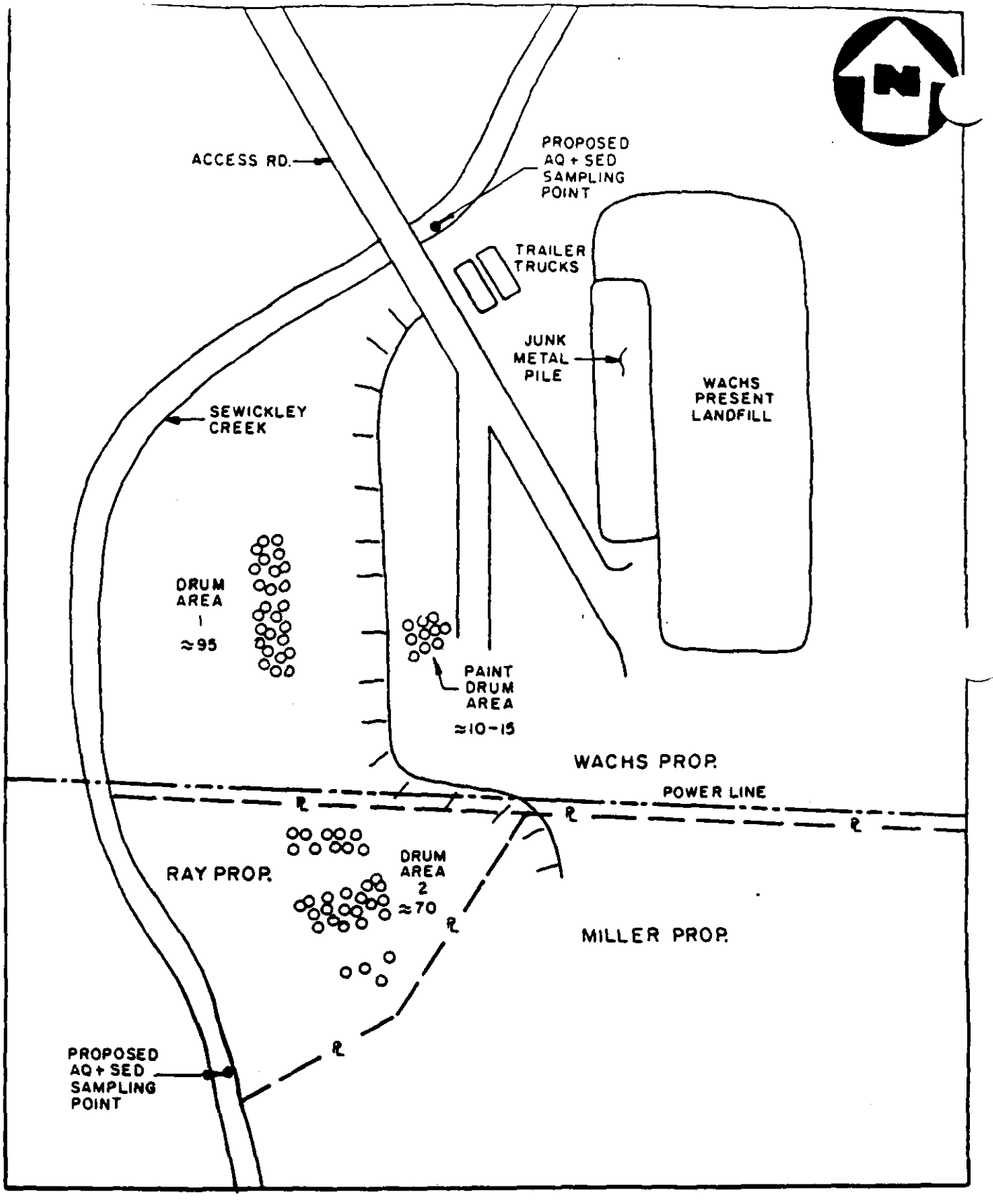
Based on our review of pertinent documents, interviews, and a field visit, we have concluded that EPA should consider the following:

- A high priority drum sampling should be conducted to determine if the contents of the drums on the Wachs property are a threat to the surrounding population on Sewickly Creek. A drum sampling has been scheduled at the Wachs property during the week of November 12, 1984.
- Ownership of the Ray property should be ascertained prior to sampling.
- Sampling should include approximately 1 of every 10 drums that contain material on the Wachs property. Up and downstream samples from the Wachs/Ray property will be taken of Sewickly Creek. It should be noted that Sewickly Creek is highly contaminated with acid mine drainage and the constituents of such.
- A sampling of Swanks dump should also be conducted in order to ascertain the effects of the dump on local groundwater and Sewickly Creek.

If you have any questions, please contact me.

Respectfully submitted,	Reviewed by,	Approved by,
Michael J. Nalipinski	Richard M. Cromer	Garth Glenn
Michael J. Nalipinski	Richard M. Cromer	Garth Glenn
Environ. Specialist	Assistant Manager	Manager, FIT III

MJN/ral



SITE SKETCH

NUS CORPORATION
A Halliburton Company

AR100300

TDD Number F3-8410-27
EPA Number PA 1069

5.3 SAMPLE LOG

Site Name Wach's L.F.

TRAFFIC REPORTS Organic	Inorganic	High Hazard	SAMPLING LOCATION	PHASE	SAMPLE DESCRIPTION color	DATE	TIME	pH	COMMENTS/OBSERVATIONS HNU ppm	LABORATO
		c5615	Drum #1	liq	light Brown	11-13-84	0925		75	F.C. Hart
		c5616	Drum #5		Amber Color		1015		400	
		c5620	Drum #2				1125		N.D.	
		c5621	Drum #3				1025		500	
		c5622	Drum #4		Black w/ Red tint		1035		200	
		c5623	Drum #6				1120		N.D.	
		c5624	Drum #7		Black sludge		1210		N.D.	
		c5608	Drum #8		Amber		1225		500	
		c5617	Drum #9		Viscous Amber		1235		600	
		c5625	Drum #10		Gell		1240		500	
c7264			Downstream	AQ	Little Sewickley Crk	11-14-84			past Sonc. to CRL	compuchem
c7265			Upstream	AQ	Little Sewickley Crk	11-14-84				
c7266			Blank	AQ		11-14-84				

AR100301