



June 30, 2011

Mrs. Alyssa Hughes  
On-Scene Coordinator  
U.S. Environmental Protection Agency, Region 4  
61 Forsyth Street, SW, 11th Floor  
Atlanta, Georgia 30303

**Subject: HpcnEmergency Response Letter Report  
Sharpsburg Junkyard Response  
Sharpsburg, Coweta County, Georgia  
Contract No.: EP-W-05-054  
TDD No.: TTEMI-05-001-0153**

Dear Ms Hughes:

The Tetra Tech Superfund Technical Assessment and Response Team (START) is submitting this letter report summarizing the emergency response activities conducted at the Sharpsburg Junkyard Response in Sharpsburg, Coweta County, Georgia. Enclosure 1 contains a copy of the Tetra Tech START logbook notes. Enclosure 2 contains a copy of the field hazard categorization forms. Enclosure 3 contains the container log and a data summary table. Enclosure 4 contains copies of the analytical data packages.

## **BACKGROUND**

On March 23, 2011, local emergency officials responded to a brush fire on Roy Road in unincorporated Coweta County, which eventually encroached onto a parcel of property owned by Ms. Virginia Walker and burned a small shed and several thousand square feet of grass. During the blaze, fire officials noticed several drums stored on the property, which is officially listed as 0 Roy Road by the county, but commonly referred to as 157 Roy Road. Fire officials contacted the Georgia Environmental Protection Division, which, in turn, contacted the United States Environmental Protection Agency (EPA). Federal On-Scene Coordinator (OSC) Alyssa Hughes was sent to assess the situation.

## **RESPONSE ACTIVITIES**

Upon arrival, OSC Hughes met with the local fire department and observed the containers in question. At that time, the decision was made to initiate an emergency response to determine if the drums contained characteristically hazardous waste and then dispose of the drums, if necessary. EPA tasked Tetra Tech START to respond and perform drum sampling, hazard categorization testing, and documentation of site conditions. Additionally, Environmental Restoration (ER), the Emergency and Rapid Response Services (ERRS) contractor was contacted to provide drum handling and disposal services.

On March 24, 2011, Tetra Tech START members Charles Berry and Leslie Shaver arrived at the site at 1330 and conducted an initial site walk-through. The property is rural, and lies between two small, man-made lakes. Several physical structures are located on the property, including a caravan in which the owner/operator lives, a modified conex storage container, a small mobile home, and a wooden storage shed which was heavily damaged by the fire. The fire consumed most of the western end of the property, but was contained before the main structures were involved. The site is best characterized as a junkyard, with

Ms. Hughes  
June 30, 2011

random items in various stages of deterioration strewn about the property. Some of the items stored on the site include scrap metal, small machine parts, appliances, tires, hand tools, empty plastic bins, small motors, and at least one vending machine. Also on the property were several dozen compressed gas cylinders which the owner/operator claimed were empty.

Most of the drums in question were located at the end of the driveway, where it meets the junk piles. Several other drums were located on the western end of the property, and two were actually in the burned portion of the wooden storage shed. Subsequent investigation showed the two in the shed to be empty. Once the subject containers were identified, ER used a small tracked loader to stage the drums along the driveway for ease of access. Tetra Tech then numbered, inventoried, and photographed each container. During response activities, Tetra Tech collected waste samples from the drums and performed hazard categorization testing on the samples to identify preliminary waste streams. Composite samples for each of the eight preliminary waste streams were then delivered for laboratory analyses. Enclosure 2 contains a copy of the field hazard categorization forms. Enclosure 3 contains the container log and a data summary table. Enclosure 4 contains copies of the analytical data packages. Once sampling activities were complete, the drums were secured and staged pending finalization of transportation and disposal arrangements. Tetra Tech START demobilized from the site on March 25, 2011.

On June 1, 2011, OSC Hughes returned to the site for oversight of transportation and disposal activities. A total of 34 drums identified as characteristically hazardous were shipped from the site for disposal at Giant Resource Recovery in Sumter South Carolina under manifest number 002817208.

If you have any questions or comments regarding this letter report, please contact me at (678) 775-3113.

Sincerely,



Brian Croft  
Tetra Tech START III Site Manager



Andrew F. Johnson  
Tetra Tech START III Program Manager

Enclosures (4)

cc: Katrina Jones, EPA Project Officer  
Angel Reed, START III Document Control Coordinator

**ENCLOSURE 1**  
**LOGBOOK NOTES**  
(6 Sheets)



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[illegible]

- est. 20-25, 45-gallon drums
  - 35 gallons and above will be looked at, containers
  - gas canisters - 6+, acetylene
  - shed near burned area - within ~~steps~~ burned area at least 2 expanded drums - actual 3
- Address - 157 Roy Road, Sharpsburg, GA

1421 ER crew begins removing debris from main grouping of drums, preparing to stage drums

1422 Camera date and time settings adjusted for daylight savings time

- Site has an RV (mobile home), trailer, ~3-4 sheds & much accumulated stuff

1435 RAD survey of drums <sup>to</sup> Lutter 3.  
survey of drums and site

- nothing found above background, = < 1 count per minute

- 2 ponds onsite, larger is to ~~go~~ smaller pond is N of trailer and mobile home, larger is to the West of trailer and mobile home
- fire department responded, 3/23/11, to fire onsite, ~10,000 gallons of water to extinguish

Scale: 1 square = \_\_\_\_\_

YA

- and West of <sup>U</sup> trailer and mobile home, one shed burnt, structure unstable
- debris onsite from industrial/commercial operations, refrigerant company
- land owner's brother lives on-site, land owner does not reside here

1630 START Don's level B PPE for drum opening and sample collection

~~151700~~ finished sampling drums - proceed to cleanup  
1900

2000 START off-site - drums closed  
samples secured, End of day, all off-site

J. Shaw

Scale: 1 square = \_\_\_\_\_



3/24/11, 1416, N, view of drums, East to F<sup>th</sup> site  
 1417, NNW, view of tank and assorted debris  
 1418, W, view of rear of mobile home, drum  
 1419, NE, view of rear of mobile home, small drum  
 1421, NE, view of East side of trailer  
 1441, NE, view of burned forested area East of  
 larger lake/pond in area  
 1448, S, burn pit, East of larger pond.  
 1449, S, shed, (Southern most shed) included in fire  
 1450, SW, expanded drums within Southern burned  
 shed  
 1454, E, overview of site residences, trailer and  
 mobile home  
 1455, W, view of burnt area and larger pond  
 1456, N, view of larger pond shoreline closest  
 to burnt area  
 1457, S, view of larger pond shoreline closest to  
 burnt area  
 1459, SSE, view of residences on-site and smaller  
 pond  
 1500, SSE, view of drum staging operation  
 1550, S, Drums D-01 and D-02  
 1551, S, Drums D-03 and D-04

Scale: 1 square=

3/24/11, 1552, S, drums, D-05 and D-06  
 1552, S, drums, D-07 and D-08  
 1553, S, drums, D-09 and D-10  
 1553, S, drums, D-11 and D-12  
 1554, S, drums, D-13 and D-14  
 1554, S, drums, D-15 and D-16  
 1555, S, drums, D-17  
 1555, N, drums, D-18 and D-19  
 1556, N, drums, D-20 and D-21  
 1556, N, drums, D-22 and D-23  
 1557, N, drums, D-24 and D-25  
 1558, N, drums, D-26 and D-27  
 1558, N, drums, D-28 and D-30  
 1559, N, drum, D-29  
 1559, N, drums, D-31 and D-32  
 1559, N, drum, D-33 "BAD"  
 1600, W, drums, D-34 and D-35  
 NE, drum, D-36

Scale: 1 square=

prepare 10 HAZCAT samples

1134 finish HAZCAT of high VOC samples  
 1245 to lunch

1345 return to site: resume HAZCAT activities

1530 HAZCAT activities finished. After speaking with OSC Hughes and Tim Sloane, there will be 9 waste stream samples - refer to page 748 for waste streams and included drums.

1650 samples collected, trash and extra waste consolidated and placed onsite with drums

1715 START and EPA off-site

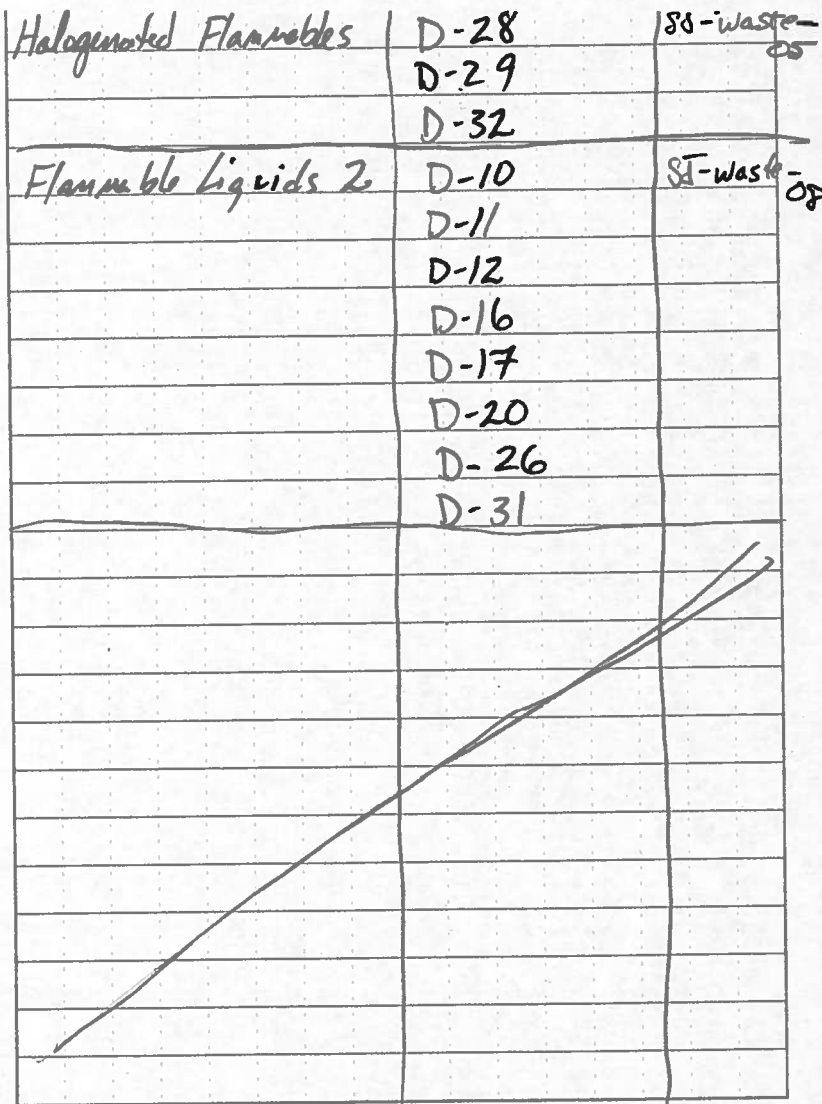
1835 START to AES Laboratory to drop off sample

Scale: 1 square=

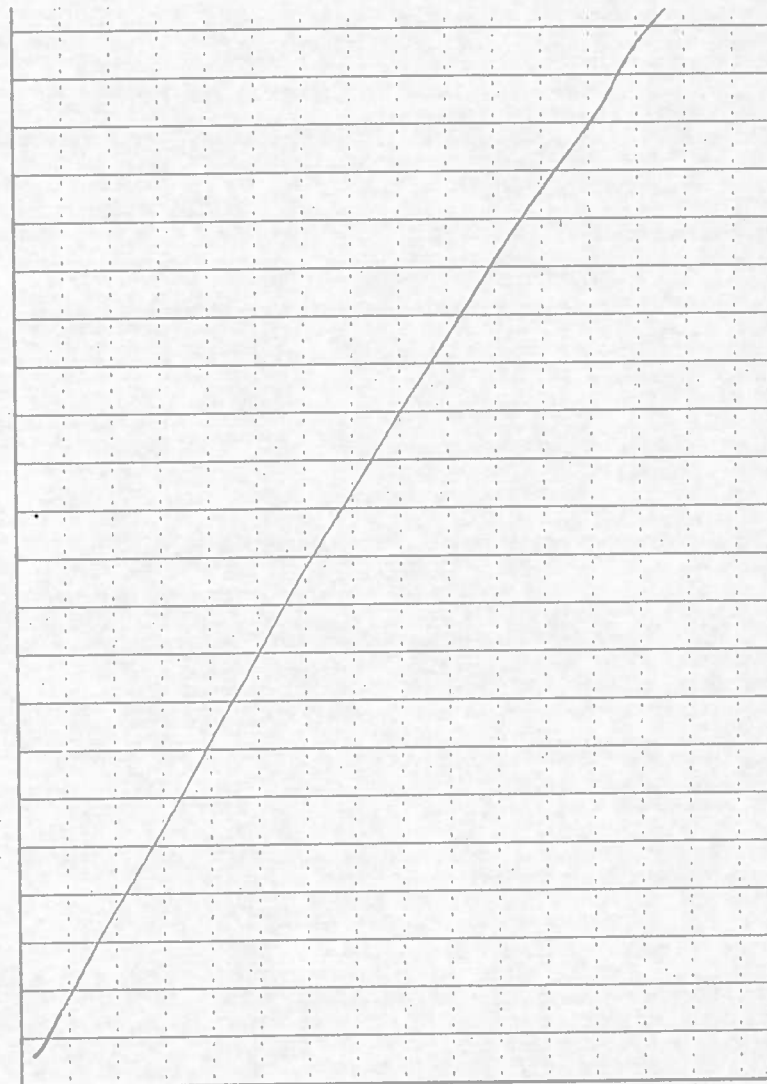
Organic Liquids	D-09	
	D-08	
	D-06	
	D-19	
	D-35	
Organic Solids	D-22	ST-waste-
	D-23	
- Flammable solid	D-33	ST-waste-
✓ Neutral Liquids	<del>D-25</del> D-14	ST-waste-
- Non-regulated Nonhazardous	D-15	NA
✓ Flammable Liquids 1	D-13	ST-waste-c
	D-21	
	D-30	
Oil and Water	D-05	ST-waste-
	D-07	
	D-18	
	D-27	
	D-34	
	D-36	
continued on pg 8		

Scale: 1 square=





Scale: 1 square=\_\_\_\_\_



Scale: 1 square=\_\_\_\_\_

**ENCLOSURE 2**  
**FIELD HAZARD CATEGORIZATION FORMS**  
(36 Pages)

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <i>Sharpsburg Junkyard</i>	Date: <i>3/24/11</i>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

*D02*

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	<u>Shippable</u>	Non-shippable	Leaking? Y <u>N</u>		Notes:
SIZE of innermost container (in gal.):	<i>55 gallons</i>		Overpacked? Y <u>N</u>		

## LABEL INFORMATION

Manufacturer <i>Shell Oil</i> <i>Sopus products</i> <i>Houston, TX, Chemtel (877) 276-7283</i>	Chemical Name <i>Rotella T SAE 15W-40 H.D. motor oil</i>	Additional Information / Markings <i>Batch number / fill date</i> <i>CLPA 283788 / 12134</i>
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## CONTENTS INFORMATION

CONTENTS INFORMATION																
% Full		100				75			50		25		5		0	
Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL					
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque								
A																
B																
C																

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A											
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

*Empty*

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group:
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>Sharpsburg Junkyard</u>	Date: <u>3/24/11</u>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D-03

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	<u>Shippable</u>	Non-shippable	Leaking? Y <u>N</u>		Notes:
SIZE of innermost container (in gal.):	<u>55</u>		Overpacked? Y <u>N</u>		

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings
<u>N/A</u>	<u>N/A</u>	

## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	% Full			Thickness (% of overall volume)	PID / FID ppm	% LEL
	100	75	50	25		5	0				
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A											
B											
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A											
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

EMPTY

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group:
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <i>Sharpsburg Junkyard</i>	Date: <i>3/24/11</i>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

*D-04*

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	Shippable	<u>Non-shippable</u>	Leaking? Y <u>N</u>	Overpacked? Y <u>N</u>	Notes:
SIZE of innermost container (in gal.):	<i>55 gallon</i>				

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings
<i>NA</i>	<i>NA</i>	

## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	50			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A											
B											
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A											
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

*Empty*

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group:
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <i>Sharpsburg Junkyard</i>	Date: <i>3/24/11</i>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

*D-05*

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	Steel	<u>Poly</u>	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	<u>Shippable</u>	Non-shippable	Leaking? Y <u>N</u>		Notes:
SIZE of innermost container (in gal.):	<i>55 gallon</i>	Overpacked? Y <u>N</u>			

## LABEL INFORMATION

Manufacturer <i>Phillips 66 Company</i>	Chemical Name <i>Magnus - A oil ISO VG 66 Hydraulic oil</i>	Additional Information /Markings
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## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<u>X</u>			<i>yellow</i>		<u>X</u>		<i>5</i>	<i>1.2</i>	
B		<u>X</u>			<i>colorless</i>		<u>X</u>		<i>95</i>		
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<i>IL</i>			<i>S</i>	<i>-</i>		<i>-</i>	<i>NF</i>			
B	<i>S</i>		<i>5.5</i>	<i>I H</i>	<i>-</i>		<i>-</i>	<i>NF</i>			
C											

PCB Concentration (or +/-):

Other Test:

Comments:

*Oil & water*

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <i>SS-waste-06</i>
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>Sharpsburg Junkyard</u>	Date: <u>3/24/11</u>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D-06

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	<u>Shippable</u>	Non-shippable	Leaking? Y <u>N</u>		Notes:
SIZE of innermost container (in gal.):	<u>55 gallon</u>	Overpacked? Y <u>N</u>			

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings
<u>NA</u>	<u>NA</u>	

## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<u>p</u>			<u>orange/red oil</u>		<u>p</u>		<u>100%</u>	<u>800</u>	
B											
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>IL</u>			<u>I</u>	<u>-</u>		<u>-</u>	<u>C</u>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

Organic liquids &

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <u>SI-waste - 07</u>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <i>Sharpsburg Junkyard</i>	Date: <i>3/24/11</i>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

*D-07*

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	<u>Shippable</u>	<u>Non-shippable</u>	Leaking? Y <u>N</u>		Notes: <i>Expanded on top Bulging</i>
SIZE of innermost container (in gal.):	<i>55 gallons</i>		Overpacked? Y <u>N</u>		

## LABEL INFORMATION

Manufacturer <i>Coastal World Class Lubricants</i>	Chemical Name <i>CUI AW 32 Hydraulic oil</i>	Additional Information / Markings <i>Filling date / batch no. 5130</i>
---	---	---

## CONTENTS INFORMATION

Layers	% Full <u>100</u>				Color (Standard colors only)	50			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<i>X</i>			<i>light brown</i>			<i>X</i>	<i>50</i>	<i>0.5</i>	
B		<i>X</i>			<i>colorless</i>		<i>X</i>		<i>50</i>		
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<i>IL</i>			<i>S</i>	<i>-</i>		<i>-</i>	<i>NF</i>			
B	<i>S</i>		<i>4.5-5</i>	<i>I H</i>	<i>-</i>		<i>-</i>	<i>NF</i>			
C											

PCB Concentration (or +/-):

Other Test:

Comments:

*Water = bottom layer*

*Oil + water*

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <i>55-Waste -06</i>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <i>Sharpsburg Junkyard</i>	Date: <i>3/24/11</i>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

*D-108*

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	Steel	Poly <i>(circled)</i>	Fiber	Stainless	Other:
LID	Closed-top <i>(circled)</i>	Ring-top	Bungs on? <i>(Y circled)</i>	N	Ring closed? Y N
CONDITION	Shippable <i>(circled)</i>	Non-shippable	Leaking? Y <i>(N circled)</i>		Notes:
SIZE of innermost container (in gal.):	<i>55 gal</i>		Overpacked? Y <i>(N circled)</i>		

## LABEL INFORMATION

Manufacturer <i>N/A</i>	Chemical Name <i>N/A</i>	Additional Information /Markings
----------------------------	-----------------------------	----------------------------------

## CONTENTS INFORMATION

Layers	% Full <i>(100 circled)</i>				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<i>X</i>			<i>yellow to orange</i>		<i>X</i>		<i>1.5</i>	<i>2.5</i>	
B											
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<i>IL</i>			<i>S</i>	<i>-</i>		<i>-</i>	<i>NF</i>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

*maybe little water on bottom*

*Organic liquids*

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <i>85 - waste - 07</i>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>Sharpsburg Junkyard</u>	Date: <u>3/24/11</u>
TDD#:	Samplers:
Weather:	


## CONTAINER NUMBER

D-09

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	<u>closed-top</u>	Ring-top	Bungs on? <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	<u>Shippable</u>	Non-shippable	Leaking? Y <u>N</u>		Notes:
SIZE of innermost container (in gal.):	<u>55</u>		Overpacked? Y <u>N</u>		

## LABEL INFORMATION

Manufacturer <u>Phillips 66</u> <u>Conocophillips</u>	Chemical Name <u>Magnus - A oil ISO VG 68</u> <u>Hydraulic oil</u>	Additional Information /Markings 
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## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A			<u>X</u>		<u>thick yellow oil</u>		<u>X</u>		<u>50</u>	<u>4.8</u>	
B		<u>X</u>			<u>clear colorless</u>		<u>X</u>		<u>50</u>		
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>IL</u>			<u>S X</u>	<u>-</u>		<u>-</u>	<u>NF</u>			
B	<u>I</u>			<u>S X</u>	<u>-</u>		<u>-</u>	<u>NF</u>			
C											

PCB Concentration (or +/-):

Other Test:

Comments:

Organic liquids

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <u>SS-waste - 07</u>
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>Sharpsburg Junkyard</u>	Date: <u>3/24/11</u>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D-10

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	<u>Ring-top</u>	Bungs on? Y N	Ring closed? Y <u>N</u>	Other:
CONDITION	Shippable	<u>Non-shippable</u>	Leaking? <u>Y</u> N	Notes: <u>puncture, may be old leak</u>	
SIZE of innermost container (in gal.):	<u>55</u>		Overpacked? Y <u>N</u>	<u>no material leaving, but evidence of leak</u>	

## LABEL INFORMATION

Manufacturer <u>NA</u>	Chemical Name <u>NA</u>	Additional Information /Markings <u>NA</u>
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## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<u>Y</u>			<u>orange brown oil</u>		<u>X</u>		<u>100%</u>	<u>140</u>	
B				<u>X</u>	<u>thick solid</u>						
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>IL</u>			<u>SAF</u>	<u>-</u>		<u>-</u>	<u>F</u>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

Flam Liq 2

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <u>35-waste -08</u>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: Sharpsburg Junkyard

TDD#: \_\_\_\_\_

Weather: \_\_\_\_\_

Date: 3/24/11

Samplers: \_\_\_\_\_

## CONTAINER NUMBER

D-11

## CONTAINER INFORMATION (circle appropriate choice)

TYPE: Steel Poly Fiber Stainless Other: \_\_\_\_\_

LID: Closed-top Ring-top Bungs on? Y N Ring closed? Y N Other: \_\_\_\_\_

CONDITION: Shippable Non-shippable Leaking? Y N Notes: \_\_\_\_\_

SIZE of innermost container (in gal.): 55 Overpacked? Y N

## LABEL INFORMATION

Manufacturer

N/A

Chemical Name

NA

Additional Information /Markings

## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	State			Clarity	Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque				
A		<u>X</u>			<u>orange to brown</u>		<u>X</u>			<u>100</u>	<u>110</u>	
B												
C												

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>IL</u>			<u>S</u>	<u>-</u>		<u>-</u>	<u>F</u>			
B											
C											

PCB Concentration (or +/-): \_\_\_\_\_

Other Test: \_\_\_\_\_

Comments:

Flam Lig 2

## WASTE STREAM INFORMATION

Waste Stream: \_\_\_\_\_

Bulking Group: SJ-waste-08

Waste Stream #: \_\_\_\_\_

Bulking Group Number: \_\_\_\_\_



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <i>Sharpsburg Junkyard</i>	Date: <i>3/24/11</i>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

*D-12*

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<input checked="" type="radio"/> Steel	<input type="radio"/> Poly	<input type="radio"/> Fiber	<input type="radio"/> Stainless	Other:
LID	<input checked="" type="radio"/> Closed-top	<input type="radio"/> Ring-top	Bungs on? <input checked="" type="radio"/> Y <input type="radio"/> N	Ring closed? Y <input type="radio"/> N	Other:
CONDITION	<input checked="" type="radio"/> Shippable	<input type="radio"/> Non-shippable	Leaking? Y <input type="radio"/> N		Notes:
SIZE of innermost container (in gal.): <i>55</i>		Overpacked? Y <input type="radio"/> N			

## LABEL INFORMATION

Manufacturer <i>N/A</i>	Chemical Name <i>NA</i>	Additional Information /Markings
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## CONTENTS INFORMATION

% Full	100	<input checked="" type="radio"/> 75	50	25	5	0					
Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<i>X</i>			<i>orange to brown</i>		<i>X</i>		<i>100</i>	<i>16</i>	
B											
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<i>IL</i>			<i>S</i>	<i>-</i>		<i>-</i>	<i>F</i>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

*Soap?*

*Flam Lig 2*

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group:
Waste Stream #:	Bulking Group Number:

*SJ-waste-08*

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <i>Sharpsburg Junkyard</i>	Date: <i>3/24/11</i>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

*D-13*

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<input checked="" type="radio"/> Steel	<input type="radio"/> Poly	<input type="radio"/> Fiber	<input type="radio"/> Stainless	Other:
LID	<input type="radio"/> Closed-top	<input checked="" type="radio"/> Ring-top	Bungs on? Y <input type="radio"/> N <input type="radio"/>	Ring closed? <input checked="" type="radio"/> Y <input type="radio"/> N	Other:
CONDITION	<input type="radio"/> Shippable	<input type="radio"/> Non-shippable	Leaking? Y <input type="radio"/> N <input checked="" type="radio"/>		Notes:
SIZE of innermost container (in gal.):	<i>55</i>	Overpacked? Y <input type="radio"/> N <input checked="" type="radio"/>			

## LABEL INFORMATION

Manufacturer <i>NA</i>	Chemical Name <i>NA</i>	Additional Information /Markings
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## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	100	75	50	25		State	Cloudy	Clear			
A					<i>Black colorless</i>		<input checked="" type="radio"/>		<i>90%</i>	<i>800</i>	
B					<i>Blue</i>			<input checked="" type="radio"/>	<i>10%</i>		
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<i>IL</i>			<i>S&amp;I</i>	<i>-</i>		<i>-</i>	<i>F</i>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

*Miscible when stirred. Hazcat as 1 layer*

*Colored ~~flamable~~ Flammable liquids 1*

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <i>SI-waste-04</i>
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <i>Sharpsburg Junkyard</i>	Date: <i>3/24/11</i>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

*D-14*

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	Steel	<u>Poly</u>	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	Shippable	<u>Non-shippable</u>	Leaking? Y <u>N</u>		Notes: <i>Slightly bulging top</i>
SIZE of innermost container (in gal.):	<i>55</i>	Overpacked? Y <u>N</u>			

## LABEL INFORMATION

Manufacturer <i>Pennwalt Corporation</i>	Chemical Name <i>Liqui-plus Stain remover Liquid Laundry Bleach</i>	Additional Information /Markings
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## CONTENTS INFORMATION

Layers	% Full <u>100</u>				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<i>X</i>			<i>clear</i>		<i>X</i>		<i>40%</i>	<i>1.5</i>	
B				<i>X</i>	<i>N/A</i>				<i>50%</i>		
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<i>S</i>		<i>2.5-3-4</i>	<i>EH</i>	<i>-</i>		<i>-</i>	<i>NF</i>			
B											
C											

PCB Concentration (or +/-):	Other Test:
Comments: <i>sludge too hard to collect sample (of sludge)</i>	<i>Neutral liquids</i>

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <i>5 - waste 03</i>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>Sharpsburg Junkyard</u>	Date: <u>3/24/11</u>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D-15

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	Closed-top	<u>Ring-top</u>	Bungs on? Y N	Ring closed? <u>Y</u> N	Other:
CONDITION	<u>Shippable</u>	Non-shippable	Leaking? Y <u>N</u>		Notes:
SIZE of innermost container (in gal.):	<u>55</u>	Overpacked? Y <u>N</u>			

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings
<u>NA</u>	<u>NA</u>	<u>"yukor gold" - hand written on side</u>

## CONTENTS INFORMATION

Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A	<u>X</u>										
B											
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A											
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

not sampled brown monolithic solid

Non Reg Newherz

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group:
Waste Stream #:	Bulking Group Number:

NO waste sample



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <i>Sharpsburg Junk yard</i>	Date: <i>3/24/11</i>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

*D-16*

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	Steel	<u>Poly</u>	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	Shippable	<u>Non-shippable</u>	Leaking? Y <u>N</u>	Notes: <i>bulging top</i>	
SIZE of innermost container (in gal.):	<i>55</i>	Overpacked? Y <u>N</u>			

## LABEL INFORMATION

Manufacturer <i>Pennwalt Corporation</i>	Chemical Name <i>Liqui-plus stain remover Liquid laundry bleach</i>	Additional Information /Markings
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## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	50			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<u>X</u>			<i>yellow to orange</i>		<u>10</u>			<i>65</i>	
B		<u>X</u>			<i>orange to red</i>		<u>10</u>				
C				<u>X</u>	<i>brown</i>			<u>X</u>	<i>30</i>		

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
<i>as one</i> A	<i>I, L</i>			<i>S</i>	<i>—</i>		<i>—</i>	<i>F</i>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments: *sample not HAZCAT as one layer, because sample was/is not separated into layers  
does not have enough 'A' component  
Sludge unrecovered  
Flom Log 2*

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <i>ST-waste -08</i>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>Sharpsburg Junkyard</u>	Date: <u>3/24/11</u>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D-17

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	Closed-top	<u>Ring-top</u>	Bungs on? Y N	Ring closed? <u>Y</u> N	Other:
CONDITION	Shippable	<u>Non-shippable</u>	Leaking? Y <u>N</u>	Notes: <u>damaged</u>	
SIZE of innermost container (in gal.):	<u>55</u>	Overpacked? Y <u>N</u>			

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings
<u>NA</u>	<u>NA</u>	

## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	75			Clarity	Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque				
A		<u>X</u>			<u>Red oil</u>		<u>X</u>		<u>25%</u>	<u>20</u>		
B				<u>X</u>					<u>75%</u>			
C												

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>IL</u>			<u>S</u>	<u>-</u>		<u>-</u>	<u>F</u>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

Plom Lig 2

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <u>SS - waste -08</u>
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: SS Date: 3/24  
 TDD#: \_\_\_\_\_ Samplers: \_\_\_\_\_  
 Weather: \_\_\_\_\_

## CONTAINER NUMBER

D-18

## CONTAINER INFORMATION (circle appropriate choice)

TYPE: Steel Poly Fiber Stainless Other:  
 LID: Closed top Ring-top Bungs on? Y N Ring closed? Y N Other:  
 CONDITION: Shippable Non-shippable Leaking? Y N Notes:  
 SIZE of innermost container (in gal.): 55 Overpacked? Y N

## LABEL INFORMATION

Manufacturer

Chemical Name

Additional Information /Markings

## CONTENTS INFORMATION

% Full		100				75		50		25		5		0	
Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL				
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque							
A		X			orange oil		X		30	15					
B		X			odorless water		X		70						
C															

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>IL</u>			<u>S</u>	<u>-</u>		<u>-</u>	<u>NF</u>			
B	<u>FS</u>		<u>5</u>	<u>F</u>	<u>-</u>		<u>-</u>	<u>NF</u>			
C											

PCB Concentration (or +/-):

Other Test:

Comments:

Oil & water

## WASTE STREAM INFORMATION

Waste Stream:

Bulking Group:

SS-waste -06

Waste Stream #:

Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: 55 Date: 3/26

TDD#: \_\_\_\_\_ Samplers: \_\_\_\_\_

Weather: \_\_\_\_\_

## CONTAINER NUMBER

~~D-18~~  
D-19

## CONTAINER INFORMATION (circle appropriate choice)

TYPE: Steel ~~Poly~~ Fiber Stainless Other: \_\_\_\_\_

LID: Closed-top Ring-top Bungs on? Y N Ring closed? Y N Other: \_\_\_\_\_

CONDITION: Shippable Non-shippable Leaking? Y N Notes: \_\_\_\_\_

SIZE of innermost container (in gal.): 55 Overpacked? Y N

## LABEL INFORMATION

Manufacturer: \_\_\_\_\_ Chemical Name: \_\_\_\_\_ Additional Information /Markings: \_\_\_\_\_

## CONTENTS INFORMATION

% Full		100				75		50		25		5		0	
Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL				
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque							
A		X			yellow to colorless		X		30	30					
B				X	red orange			N	70						
C															

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>I, L</u>			<u>I</u>	<u>-</u>		<u>-</u>	<u>NF, C</u>			
B											
C											

PCB Concentration (or +/-): \_\_\_\_\_

Other Test: \_\_\_\_\_

Comments:

organic liquids

## WASTE STREAM INFORMATION

Waste Stream: \_\_\_\_\_ Bulking Group: 55-waste -07

Waste Stream #: \_\_\_\_\_ Bulking Group Number: \_\_\_\_\_

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <b>SS</b>	Date: <b>3/27</b>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

**D-20**

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	Closed-top	<u>Ring-top</u>	Bungs on? Y N	Ring closed? Y N	Other:
CONDITION	Shippable	<u>Non-shippable</u>	Leaking? Y <u>N</u>		Notes:
SIZE of innermost container (in gal.):	<b>55</b>	Overpacked? Y <u>N</u>			

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings

## CONTENTS INFORMATION

% Full	100	75	<u>50</u>	25	5	0				
Layers	State				Color	Clarity	Thickness	PID / FID ppm	% LEL	
	Solid	Liq.	Gel	Sludge	(Standard colors only)	Cloudy	Clear	(% of overall volume)		
A		<u>X</u>			<u>orange-brown</u>		<u>X</u>		<u>100</u>	
B				<u>X</u>	<u>orange brown</u>	<u>X</u>				
C										

## HAZCAT DATA

Layer	Water Sol	Reactivity	pH	Hex Sol	Oxid	Perox	Halogen	Flash	Acid	Sulf	CN
	S, PS, or I Density H or L	Air or Water	Use Standard Units	S or I	+ or -	+ or -	+ or -	XF, F, C, or NF	Sulf, CN, or As	+ or -	+ or -
A	<u>IL</u>			<u>S</u>	<u>-</u>		<u>-</u>	<u>F</u>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

*Flam. Lig 2*

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group:
Waste Stream #:	Bulking Group Number:
	<b>SS-waste-08</b>

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <b>55</b>	Date: <b>3/29</b>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D-21

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	Steel	Poly	Fiber	Stainless	Other:
LID	Closed-top	Ring-top	Bungs on? Y N	Ring closed? Y N	Other:
CONDITION	Shippable	Non-shippable	Leaking? Y N	Notes:	
SIZE of innermost container (in gal.):			Overpacked? Y N		

## LABEL INFORMATION

Manufacturer	Chemical Name <b>white polyester enamel?</b>	Additional Information /Markings
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## CONTENTS INFORMATION

%	Full	100	75	50	25	5	0			
Layers	State				Color (Standard colors only)	Clarity		Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear			
A		X			green			25	15	
B				X	green			50		
C										

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	I, H			PS	-	+NA		F			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

Flam Lig 2

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <b>ST-waste - 04</b>
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name:	SS	Date:	3/24
TDD#:		Samplers:	
Weather:			

## CONTAINER NUMBER

D-22

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	Steel	Poly	Fiber	Stainless	Other:
LID	Closed top	Ring-top	Bungs on? Y N	Ring closed? Y N	Other:
CONDITION	Shippable	Non-shippable	Leaking? Y N		Notes:
SIZE of innermost container (in gal.):	55		Overpacked? Y N		

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings
Penwalt Corp Philadelphia PA	?	

## CONTENTS INFORMATION

% Full	100	75	50	25	5	0				
Layers	State				Color	Clarity	Thickness	PID / FID ppm	% LEL	
	Solid	Liq.	Gel	Sludge	(Standard colors only)	Cloudy	Clear	(% of overall volume)		
A		L			colorless		X	5	4	
B				X	brown			95		
C										

## HAZCAT DATA

Layer	Water Sol	Reactivity	pH	Hex Sol	Oxid	Perox	Halogen	Flash	Acid	Sulf	CN
	S, PS, or I Density H or L	Air or Water	Use Standard Units	S or I	+ or -	+ or -	+ or -	XF, F, C, or NF	Sulf, CN, or As	+ or -	+ or -
A	I			I				NF			
B	I			I				NF			
C											

PCB Concentration (or +/-):

Other Test:

Comments:

Small amount collected. No sample. Waxy solid. Crumbly solid. Blocked tube. 'A' not recoverable enough for analysis. Organic Solids

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group:
Waste Stream #:	Bulking Group Number:

SI-waste - 02



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <b>ST</b>	Date: <b>3/24</b>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

**D-23**

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	<u>Poly</u>	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? Y N	Ring closed? Y N	Other:
CONDITION	<u>Shippable</u>	Non-shippable	Leaking? Y N		Notes:
SIZE of innermost container (in gal.):	<b>55</b>	Overpacked? Y N			

## LABEL INFORMATION

Manufacturer:	Chemical Name	Additional Information /Markings

## CONTENTS INFORMATION

% Full	100	75	50	25	5	0				
Layers	State				Color	Clarity	Thickness	PID / FID ppm	% LEL	
	Solid	Liq.	Gel	Sludge	(Standard colors only)	Cloudy	Clear	(% of overall volume)		
A		<b>X</b>			<b>colorless to yellow oil</b>		<b>X</b>	<b>5</b>	<b>29</b>	
B				<b>X</b>	<b>white wax</b>			<b>95</b>		
C										

## HAZCAT DATA

Layer	Water Sol	Reactivity	pH	Hex Sol	Oxid	Perox	Halogen	Flash	Acid	Sulf	CN
	S, PS, or I Density H or L	Air or Water	Use Standard Units	S or I	+ or -	+ or -	+ or -	XF, F, C, or NF	Sulf, CN, or As	+ or -	+ or -
<del>A</del>	<del>I</del>			<del>I</del>	<del>-</del>			<del>C, NF</del>			
B	<b>I</b>			<b>I</b>				<b>C, NF</b>			
C											

PCB Concentration (or +/-):

Other Test:

Comments:

**solid w/ 1 in fragments no sample** waxy solid, **char test = low pH = 3**  
**A' not recovered in quantity great enough to sample** **Organic Solids**

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <b>ST-waste-02</b>
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>SS</u>	Date: <u>3/24</u>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D 24

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? Y N	Ring closed? Y N	Other:
CONDITION	<u>Shippable</u>	Non-shippable	Leaking? Y N		Notes:
SIZE of innermost container (in gal.):	<u>55</u>	Overpacked? Y N			

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings

## CONTENTS INFORMATION

% Full	100	75	50	25	5	(2) 0			
Layers	State				Color	Clarity	Thickness	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge	(Standard colors only)	Cloudy	Clear	(% of overall volume)	
A									0.9
B									
C									

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A											
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

*Only one container, low level in tank, no sample*

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group:
Waste Stream #:	Bulking Group Number:

*no waste sample*

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: SS  
 TDD#:                       
 Weather:                     

Date: 3/24  
 Samplers:                     

## CONTAINER NUMBER

D-25

## CONTAINER INFORMATION (circle appropriate choice)

TYPE: Steel Poly Fiber Stainless Other:  
 LID: Closed top Ring-top Bungs on? Y N Ring closed? Y N Other:  
 CONDITION: Shippable Non-shippable Leaking? Y N Notes:  
 SIZE of innermost container (in gal.): 55 Overpacked? Y N

## LABEL INFORMATION

Manufacturer

Chemical Name

Additional Information / Markings

## CONTENTS INFORMATION

% Full

100

75

50

25

5

0

Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<u>p</u>			<u>orange/brown</u>		<u>p</u>				
B											
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>I SSS</u>		<u>10</u>	<u>S</u>	<u>-</u>		<u>-</u>	<u>NF</u>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

Empty low level in drum

organic liquid Waste

## WASTE STREAM INFORMATION

Waste Stream:

Bulking Group:

35-waste-07

Waste Stream #:

Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <b>ST</b>	Date: <b>3/24</b>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D-26

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<input checked="" type="radio"/> Steel	<input type="radio"/> Poly	<input type="radio"/> Fiber	<input type="radio"/> Stainless	Other:
LID	<input type="radio"/> Closed-top	<input checked="" type="radio"/> Ring-top	Bungs on? Y N	Ring closed? Y N	Other:
CONDITION	<input type="radio"/> Shippable	<input checked="" type="radio"/> Non-shippable	Leaking? Y N	Notes:	
SIZE of innermost container (in gal.): <b>55</b>			Overpacked? Y N		

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings
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## CONTENTS INFORMATION

%	Full	100	75	50	25	5	0				
Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		X			yellow		Y		10	250	
B				X	green			Y	40		
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	IL			S	-		-	C			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

sludge difficult to recover

Flam Leg 2

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <b>ST-Waste-08</b>
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <b>55</b>	Date: <b>3/24</b>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

**D-27**

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<input checked="" type="radio"/> Plastic	Poly	Fiber	Stainless	Other:
LID	<input checked="" type="radio"/> Latched	Ring-top	Bungs on? Y N	Ring closed? Y N	Other:
CONDITION	<input checked="" type="radio"/> Shippable	Non-shippable	Leaking? Y N		Notes:
SIZE of innermost container (in gal.):	<b>55</b>	Overpacked? Y N			

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings

## CONTENTS INFORMATION

% Full	100	<b>75</b>	50	25	5	0				
Layers	State				Color	Clarity	Thickness	PID / FID ppm	% LEL	
	Solid	Liq.	Gel	Sludge	(Standard colors only)	Cloudy	Clear	(% of overall volume)		
A		<b>X</b>			<b>orange-brown</b>		<b>X</b>	<b>50</b>	<b>6</b>	
B		<b>X</b>			<b>colorless</b>		<b>X</b>	<b>50</b>		
C										

## HAZCAT DATA

Layer	Water Sol	Reactivity	pH	Hex Sol	Oxid	Perox	Halogen	Flash	Acid	Sulf	CN
	S, PS, or I Density H or L	Air or Water	Use Standard Units	S or I	+ or -	+ or -	+ or -	XF, F, C, or NF	Sulf, CN, or As	+ or -	+ or -
A	<b>IL</b>			<b>S</b>	<b>-</b>		<b>2</b>	<b>F</b>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

**oil/water - not layered in sample jar**

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <b>55-waste-06</b>
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <b>SS</b>	Date: <b>3/28</b>	Samplers:
TDD#:		
Weather:		

## CONTAINER NUMBER

**D-28**

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<input checked="" type="radio"/> Steel	<input checked="" type="radio"/> Poly	<input type="radio"/> Fiber	<input type="radio"/> Stainless	Other:
LID	<input checked="" type="radio"/> Closed-top	<input type="radio"/> Ring-top	Bungs on? Y N	Ring closed? Y N	Other:
CONDITION	<input checked="" type="radio"/> Shippable	<input type="radio"/> Non-shippable	Leaking? Y N		Notes:
SIZE of innermost container (in gal.):	<b>55</b>		Overpacked? Y N		

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings

## CONTENTS INFORMATION

% Full	100	80	75	50	25	5	0			
Layers	State				Color	Clarity		Thickness	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge	(Standard colors only)	Cloudy	Clear	Opaque	(% of overall volume)	
A		<b>X</b>			<b>green</b>			<b>X</b>	<b>100</b>	<b>1250</b>
B										
C										

## HAZCAT DATA

Layer	Water Sol	Reactivity	pH	Hex Sol	Oxid	Perox	Halogen	Flash	Acid	Sulf	CN
	S, PS, or I Density H or L	Air or Water	Use Standard Units	S or I	+ or -	+ or -	+ or -	XF, F, C, or NF	Sulf, CN, or As	+ or -	+ or -
A	<b>IL</b>			<b>IH</b>	<b>-</b>		<b>+</b>	<b>F</b>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

**discreet sample needed**

**halogenated Flammables**

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <b>SS-waste-05</b>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <b>SJ</b>	Date: <b>3/24/11</b>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

**D-29**

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<input checked="" type="radio"/> Steel	<input type="radio"/> Poly	<input type="radio"/> Fiber	<input type="radio"/> Stainless	Other:
LID	<input type="radio"/> Closed-top	<input checked="" type="radio"/> Ring-top	Bungs on? <input checked="" type="radio"/> Y <input type="radio"/> N	Ring closed? <input type="radio"/> Y <input type="radio"/> N	Other:
CONDITION	<input type="radio"/> Shippable	<input checked="" type="radio"/> Non-shippable	Leaking? <input type="radio"/> Y <input checked="" type="radio"/> N	Notes:	
SIZE of innermost container (in gal.):			Overpacked? <input type="radio"/> Y <input type="radio"/> N		

## LABEL INFORMATION

Manufacturer <b>U/A</b>	Chemical Name <b>NA</b>	Additional Information /Markings <hr/>
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## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<input checked="" type="checkbox"/>			<b>brown</b>			<input checked="" type="checkbox"/>		<b>300</b>	
B											
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<b>IL</b>			<b>I</b>	<b>-</b>		<b>+</b>	<b>F</b>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments: **discreet sample**

**Halogenated Flammables**

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <b>SJ-waste-05</b>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <b>SS</b>	Date: <b>3/22</b>	
TDD#:	Samplers:	
Weather:		

## CONTAINER NUMBER

D-30

## CONTAINER INFORMATION (Circle appropriate choice)

TYPE	Steel	Poly <b>(circled)</b>	Fiber	Stainless	Other:
LID	Closed-top <b>(circled)</b>	Ring-top	Bungs on? Y N	Ring closed? Y N	Other:
CONDITION	Shippable <b>(circled)</b>	Non-shippable	Leaking? Y N		Notes:
SIZE of innermost container (in gal.):	<b>55</b>		Overpacked? Y N		

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings

## CONTENTS INFORMATION

% Full	100	75 <b>(circled)</b>	50	25	5	0				
Layers	State				Color	Clarity	Thickness	PID / FID ppm	% LEL	
	Solid	Liq.	Gel	Sludge	(Standard colors only)	Cloudy	Clear	Opaque	(% of overall volume)	
A		<b>X</b>			<b>pink</b>			<b>X</b>	<b>100</b>	<b>200</b>
B										
C										

## HAZCAT DATA

Layer	Water Sol	Reactivity	pH	Hex Sol	Oxid	Perox	Halogen	Flash	Acid	Sulf	CN
	S, PS, or I Density H or L	Air or Water	Use Standard Units	S or I	+ or -	+ or -	+ or -	XF, F, C, or NF	Sulf, CN, or As	+ or -	+ or -
A	<b>I</b>			<b>I</b>	<b>=</b>	<b>X</b>	<b>-</b>	<b>F</b>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

unable to determine density due to viscosity and extreme stickiness

Flam Liq 4

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <b>SI- waste 04</b>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>Sharpsburg Junkyard</u>	Date: <u>3/24/11</u>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D-31

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	<u>Shippable</u>	Non-shippable	Leaking? Y <u>N</u>		Notes:
SIZE of innermost container (in gal.):			Overpacked? Y <u>N</u>		

## LABEL INFORMATION

Manufacturer  <u>NA</u>	Chemical Name  <u>NA</u>	Additional Information /Markings
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## CONTENTS INFORMATION

Layers	% Full <u>100</u>				Color (Standard colors only)	50			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<u>X</u>			<u>colorless</u>		<u>Y</u>		<u>100</u>	<u>20</u>	
B											
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>I, L</u>			<u>S</u>	<u>—</u>		<u>—</u>	<u>F</u>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <u>S5-Waste-08</u>
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

SITE INFORMATION										CONTAINER NUMBER			
Site Name: <u>Sharpsburg Junkyard</u>				Date: <u>3/24/11</u>		D-32							
TDD#:				Samplers:									
Weather:													
CONTAINER INFORMATION (circle appropriate choice)													
TYPE		<u>Steel</u>		Poly		Fiber		Stainless		Other:			
LID		Closed-top		<u>Ring-top</u>		Bungs on? Y N		Ring closed? <u>Y</u> N		Other:			
CONDITION		<u>Shippable</u>		Non-shippable		Leaking? Y <u>N</u>				Notes:			
SIZE of innermost container (in gal.):						Overpacked? Y <u>N</u>							
LABEL INFORMATION													
Manufacturer				Chemical Name				Additional Information /Markings					
CONTENTS INFORMATION													
% Full		100		75		50		<u>25</u>		0			
Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL		
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque					
A		<u>X</u>			<u>white</u>			<u>X</u>		<u>111</u>			
B													
C													
HAZCAT DATA													
Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -		
A	<u>IL</u>			<u>I</u>	<u>-</u>		<u>+</u>	<u>F</u>					
B													
C													
PCB Concentration (or +/-):						Other Test:							
Comments: <u>char pH = 0</u>						<u>1 Halogenated Flammable</u>							
WASTE STREAM INFORMATION													
Waste Stream:						Bulking Group: <u>SI - waste - 05</u>							
Waste Stream #:						Bulking Group Number:							

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>Sharpsburg Junkyard</u>	Date: <u>3/24/11</u>	
TDD#:	Samplers:	
Weather:		

## CONTAINER NUMBER

D-33

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	Closed-top	<u>Ring-top</u>	Bungs on? Y N	Ring closed? <u>Y</u> N	Other:
CONDITION	Shippable	<u>Non-shippable</u>	Leaking? Y <u>N</u>	Notes: <u>denied</u>	
SIZE of innermost container (in gal.):	<u>55</u>		Overpacked? Y <u>N</u>		

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings <u>"BAD" painted on side</u>
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## CONTENTS INFORMATION

% Full	100				75	50			25	5	0
Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A					<u>yellow</u>			<u>N</u>	<u>100%</u>	<u>400</u>	
B											
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A								<u>F</u>			
B											
C											

PCB Concentration (or +/-):

Other Test:

Comments:

no sample spongy solid

Flammable solid

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <u>SI-Waste-01</u>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>Sharpsburg Junkyard</u>	Date: <u>3/24/11</u>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D-34

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	Poly	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? <u>(Y)</u> N	Ring closed? Y N	Other:
CONDITION	Shippable	<u>Non-shippable</u>	Leaking? Y <u>(N)</u>	Notes: <u>puncture on top</u>	
SIZE of innermost container (in gal.):	<u>55</u>	Overpacked? Y <u>(N)</u>			

## LABEL INFORMATION

Manufacturer <u>NA</u>	Chemical Name <u>NA</u>	Additional Information /Markings <u>Dromus oil B - stenciled on side</u>
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## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<u>X</u>			<u>brown</u>		<u>X</u>		<u>10</u>	<u>6</u>	
B		<u>X</u>			<u>white</u>			<u>b</u>	<u>90</u>		
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>PS, H</u>			<u>PS</u>	<u>-</u>			<u>NF</u>			
B											
C											

PCB Concentration (or +/-):	Other Test:
Comments: <u>oil &amp; water - not HAZCAT as one layer b/c not separated well in sample jar</u>	

## WASTE STREAM INFORMATION

Waste Stream: <u>Oil &amp; water</u>	Bulking Group: <u>SS-waste -06</u>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <u>Sharpsburg Junkyard</u>	Date: <u>3/24/11</u>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

D-35

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	Steel	Poly <u>(X)</u>	Fiber	Stainless	Other:
LID	<u>Closed-top</u>	Ring-top	Bungs on? <u>(Y)</u> N	Ring closed? Y N	Other:
CONDITION	Shippable	Non-shippable	Leaking? Y <u>(N)</u>	Notes: <u>slightly bulging top</u>	
SIZE of innermost container (in gal.):	<u>55</u>	Overpacked? Y <u>(N)</u>			

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings
NA	NA	

## CONTENTS INFORMATION

Layers	% Full				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<u>X</u>			<u>orange</u>		<u>X</u>		<u>100%</u>		
B											
C											

## HAZCAT DATA

Layer	Water Sol	Reactivity	pH	Hex Sol	Oxid	Perox	Halogen	Flash	Acid	Sulf	CN
	S, PS, or I Density H or L	Air or Water	Use Standard Units	S or I	+ or -	+ or -	+ or -	XF, F, C, or NF	Sulf, CN, or As	+ or -	+ or -
A	<u>I, L</u>			<u>S</u>	<u>-</u>		<u>-</u>	<u>NF</u>			
B											
C											

PCB Concentration (or +/-):	Other Test:
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Comments:	O/Some liquid
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## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <u>SS-waste 07</u>
Waste Stream #:	Bulking Group Number:



# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <b>ST</b>	Date: <b>3/24/11</b>
TDD#:	Samplers:
Weather:	

## CONTAINER NUMBER

**D-36**

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	<u>Steel</u>	<u>Poly</u>	Fiber	Stainless	Other:
LID	<u>Closed top</u>	Ring-top	Bungs on? <u>Y</u> N	Ring closed? Y N	Other:
CONDITION	<u>Shippable</u>	Non-shippable	Leaking? Y <u>N</u>		Notes:
SIZE of innermost container (in gal.):			Overpacked? Y <u>N</u>		

## LABEL INFORMATION

Manufacturer <b>NA</b>	Chemical Name <b>NA</b>	Additional Information /Markings
---------------------------	----------------------------	----------------------------------

## CONTENTS INFORMATION

% Full	100 <u>90</u>				75	50	25	5	0		
Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		<u>X</u>			<u>Black</u>	<u>X</u>			<u>250 50</u>		
B		<u>X</u>			<u>colorless</u>		<u>X</u>		<u>50</u>		
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	<u>S, I, H</u>			<u>S, I, H</u>	<u>-</u>		<u>-</u>	<u>NF</u>			
B	<u>S</u>		<u>5</u>	<u>I</u>	<u>-</u>		<u>-</u>	<u>NF</u>			
C											

PCB Concentration (or +/-):

Other Test:

Comments:

**oil & water**

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group: <b>ST-Waste-06</b>
Waste Stream #:	Bulking Group Number:

# CONTAINER INVENTORY LOG

## SITE INFORMATION

Site Name: <b>Shoreburg</b>	Date: <b>4/10</b>	
TDD#:	Samplers: <b>J. Jones</b>	
Weather:		

## CONTAINER NUMBER

D33

## CONTAINER INFORMATION (circle appropriate choice)

TYPE	Steel	Poly	Fiber	Stainless	Other:
LID	Closed-top	Ring-top	Bungs on? Y N	Ring closed? Y N	Other:
CONDITION	Shippable	Non-shippable	Leaking? Y N		Notes:
SIZE of innermost container (in gal.):			Overpacked? Y N		

## LABEL INFORMATION

Manufacturer	Chemical Name	Additional Information /Markings

## CONTENTS INFORMATION

% Full	100	75	50	25	5	0					
Layers	State				Color (Standard colors only)	Clarity			Thickness (% of overall volume)	PID / FID ppm	% LEL
	Solid	Liq.	Gel	Sludge		Cloudy	Clear	Opaque			
A		X			black			X	33	0.5 ppm	
B		X			clear	X	.		67		
C											

## HAZCAT DATA

Layer	Water Sol S, PS, or I Density H or L	Reactivity Air or Water	pH Use Standard Units	Hex Sol S or I	Oxid + or -	Perox + or -	Halogen + or -	Flash XF, F, C, or NF	Acid Sulf, CN, or As	Sulf + or -	CN + or -
A	I L	N	-	S	N	-	N	C	-	-	-
B	S	N	5-6	S	N	-	N	NF	-	-	-
C											

PCB Concentration (or +/-):

Other Test:

Comments:

Oil & Water

## WASTE STREAM INFORMATION

Waste Stream:	Bulking Group:
Waste Stream #:	Bulking Group Number:

**ENCLOSURE 3**  
**CONTAINER INVENTORY LOG**  
(2 Pages)



TABLE 1  
SHARPSBURG JUNKYARD RESPONSE  
CONTAINER INVENTORY

Container #	Type	Lid	Condition	Size	% Full	Volume	A State	A Color	A Clarity	A % Thickness	A Volume	B State	B Color	B Clarity	B % Thickness	B Volume	A Water Sol	A pH	A Hexane Sol	A Halogen	A Flash	B Water Sol	B pH	B Hexane Sol	B Halogen	B Flash	Sample	Initial Waste Name	
D-01				55		0					0					0												Empty	
D-02				55		0					0					0												Empty	
D-03				55		0					0					0												Empty	
D-04				55		0					0					0												Empty	
D-05	Poly	Closed top	Shippable	55	100%	55	Liquid	Yellow	Clear	5%	3	Liquid	Colorless	Clear	95%	52	Insol		Sol	N	NF		Sol	5	Insol	n	nf	SJ-Waste-06	Oil and Water
D-06	Steel	Closed top	Shippable	55	100%	55	Liquid	Orange	Clear	100%	55					0	Insol		Insol	N	C							SJ-Waste-07	Organic Liquids
D-07	Steel	Closed top	Not Shippable	55	100%	55	Liquid	brown	Opaque	50%	28	Liquid	Colorless	Clear	50%	28	Insol		Sol	N	NF		Sol	5	Insol	n	nf	SJ-Waste-06	Oil and Water
D-08	Poly	Closed top	Shippable	55	100%	55	Liquid	Orange	Clear	100%	55					0	Insol		Sol	N	N							SJ-Waste-07	Organic Liquids
D-09	Steel	Closed top	Shippable	55	30%	17	Gel	Yellow	Clear	50%	8	Liquid	Colorless	Clear	50%	8	Insol		Sol	N	N		Insol		Soluable	N	N	SJ-Waste-07	Organic Liquids
D-10	Steel	Ring top	Not Shippable	55	60%	33	Liquid	Orange	Clear	10%	3	Sludge			90%	30	Insol		Sol	N	F							SJ-Waste-08	Flammable Liquids 2
D-11	Steel	Closed top	Shippable	55	50%	28	Liquid	Orange	Clear	100%	28					0	Insol		Sol	N	F							SJ-Waste-08	Flammable Liquids 2
D-12	Steel	Closed top	Shippable	55	75%	41	Liquid	Orange	Clear	100%	41					0	Insol		Sol	N	F							SJ-Waste-08	Flammable Liquids 2
D-13	Steel	Ring top		55	30%	17	Liquid	colorless	Clear	90%	15	Sludge	Blue	Opaque	10%	2	Insol		Insol	N	F							SJ-Waste-04	Flammable Liquids 1
D-14	Poly	Closed top	Not Shippable	55	100%	55	Liquid	colorless	Clear	50%	28	Sludge	Brown	Opaque	50%	28	Sol		Insol	N	F							SJ-Waste-03	Neutral Liquids
D-15	Steel	Ring top	Shippable	55	50%	28	Solid	brown		100%	28					0												No Sample	Solid Waste
D-16	Poly	Closed top	Not Shippable	55	75%	41	Liquid	Orange	Clear	70%	29	Sludge	Brown	Opaque	30%	12	Insol		Sol	N	F							SJ-Waste-08	Flammable Liquids 2
D-17	Steel	Ring top	Not Shippable	55	75%	41	Liquid	Red	Clear	25%	10	Sludge	Brown	Opaque	75%	31	Insol		Sol	N	F							SJ-Waste-08	Flammable Liquids 2
D-18	Steel	Closed top	Shippable	55	50%	28	Liquid	Orange	Clear	30%	8	Liquid	Colorless	Clear	70%	19	Insol		Sol	N	NF		Sol	5	Insol	N	NF	SJ-Waste-06	Oil and Water
D-19	Steel	Ring top	Not Shippable	55	50%	28	Liquid	Yellow	Clear	30%	8	Sludge	Red	Opaque	70%	19	Insol		Insol	N	C							SJ-Waste-07	Organic Liquids
D-20	Steel	Ring top	Not Shippable	55	50%	28	Liquid	Orange	Clear	50%	14	Sludge	Opaque	Opaque	50%	14	Insol		Sol	N	F							SJ-Waste-08	Flammable Liquids 2
D-21	Steel	Ring top	Not Shippable	55	80%	44	Liquid	green	Opaque	25%	11	Sludge	Green	Opaque	75%	5	Insol		Psol	N	F							SJ-Waste-04	Flammable Liquids 1
D-22	Poly	Closed top	Shippable	55	50%	28	Liquid	colorless	Clear	5%	1	Sludge	Brown	Opaque	95%	26							Insol		Insol	n	n	SJ-Waste-02	Organic Solids
D-23	Poly	Closed top	Shippable	55	25%	14	Liquid	Yellow	Clear	5%	1	Sludge	White	Opaque	95%	13							Insol		Insol	n	n	SJ-Waste-02	Organic Solids
D-24	Steel	Closed top	Shippable	55	2%	1					0					0												Not recovered	
D-25	Steel	Closed top	Shippable	55	2%	1	Liquid	Orange	Clear	100%	1					0	Insol	10	Sol	N	N							SJ-Waste-07	Organic Liquids
D-26	Steel	Ring top	Not Shippable	55	100%	55	Liquid	Yellow	Clear	10%	6	Sludge	Green	Opaque	90%	50	Insol		Sol	N	F							SJ-Waste-08	Flammable Liquids 2
D-27	Steel	Closed top	Shippable	55	75%	41	Liquid	Orange	Clear	50%	21	Liquid	Colorless	Clear	50%	21	Insol		Sol	N	NF							SJ-Waste-06	Oil and Water
D-28	Poly	Closed top	Shippable	55	80%	44	Liquid	green	Opaque	100%	44					0	Insol		Insol	Y	F							SJ-Waste-05	Halogenated Flammables
D-29	Steel	Ring top	Not Shippable	55	80%	44	Liquid	Brown	Opaque	100%	44					0	Insol		Insol	Y	F							SJ-Waste-05	Halogenated Flammables
D-30	Poly	Closed top	Shippable	55	75%	41	Liquid	Pink	Opaque	100%	41					0	Insol		Insol	N	f							SJ-Waste-04	Flammable Liquids 1
D-31	Steel	Closed top	Shippable	55	100%	55	Liquid	Colorless	Clear	100%	55					0	Insol		Sol	N	f							SJ-Waste-08	Flammable Liquids 2
D-32	Steel	Ring top	Shippable	55	25%	14	Liquid	White	Opaque	100%	14					0	Insol		Insol	Y	F							SJ-Waste-05	Halogenated Flammables
D-33	Steel	Ring top	Not Shippable	55	50%	28	Solid	Yellow		100%	28					0	Insol		Insol	N	F							SJ-Waste-01	Solid Flammable
D-34	Steel	Closed top	Not Shippable	55	10%	6	Liquid	Brown	Clear	10%	1	Liquid	White	Opaque	90%	5	Psol		Psol	N	N							SJ-Waste-06	Oil and Water
D-35	Poly	Closed top	Not Shippable	55	5%	3	Liquid	Orange	Clear	100%	3					0	Insol		Sol	N	N							SJ-Waste-07	Organic Liquids
D-36	Poly	Closed top	Shippable	55	90%	50	Liquid	Black	Cloudy	50%	25	Liquid	Colorless	Clear	50%	25	Insol		Sol	N	NF		Sol	5	Insol	n	nf	SJ-Waste-06	Oil and Water

**TABLE 2**  
**SHARPSBURG JUNKYARD RESPONSE**  
**ANALYTICAL DATA SUMMARY**

PARAMETER	REGULATORY LIMIT	SJ-WASTE-01	SJ-WASTE-02	SJ-WASTE-03	SJ-WASTE-04	SJ-WASTE-05	SJ-WASTE-06	SJ-WASTE-07	SJ-WASTE-08
<b>TCLP Metals (mg)</b>									
Arsenic	5	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Barium	100	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Cadmium	1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Chromium	5	BRL	BRL	0.587	BRL	BRL	BRL	BRL	BRL
Lead	5	0.0726	2.79	7.27	0.663	BRL	BRL	BRL	BRL
Mercury	0.2	BRL	BRL	0.00465	BRL	BRL	BRL	BRL	BRL
Selenium	1	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Silver	5	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
<b>TCLP Semi-volatiles (ug/L)</b>									
1,4-Dichlorobenzene	7.5	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
2,4,5-Trichlorophenol	400	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
2,4,6-Trichlorophenol	2	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
2,4-Dinitrotoluene	30.13	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Cresols, Total	4,200	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Hexachlorobenzene	30.13	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Hexachlorobutadiene	0.5	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Hexachloroethane	3	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
m,p-Cresol	4,200	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Nitrobenzene	2	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
o-Cresol	4,200	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Pentachlorophenol	100	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Pyridine	35	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
<b>TCLP Volatiles (ug/L)</b>									
1,1-Dichloroethylene	0.7	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
1,2-Dichloroethane	0.5	BRL	BRL	BRL	1.6	BRL	BRL	BRL	BRL
Methyl Ethyl ketone	200	1.4	BRL	BRL	BRL	BRL	BRL	67	BRL
Benzene	0.5	BRL	1.0	BRL	2.9	7.0	2.0	BRL	70
Carbon tetrachloride	0.5	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Chlorobenzene	100	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Chloroform	6	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Tetrachloroethene	0.7	BRL	2.9	BRL	BRL	BRL	14	BRL	BRL
Trichloroethene	0.5	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Vinyl chloride	0.2	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
Ignitibility (°F)	140	95	129	180	85.0	86.0	155	84.0	65.0
pH (pH Units)	2-12.5	3.60	3.27	3.43	4.82	3.20	7.11	4.92	4.31
<b>Petroleum Hydrocarbone (mg/kg)</b>									
TPH (Diesel Range Organics)	NA	180,000	310,000	2,900	270,000	560,000	270,000	280,000	570,000
TPH (Gasoline Range Organics)	NA	800,000	4,300	57,000	24,000	90,000	31,000	47,000	120,000
BTU (BTU/lb)	NA	22,000	8,700	2,500	14,000	15,000	750	15,000	13,000
Extractable Organic Halides (EOX) (mg/kg)	NA	39	36	NA	NA	49,300	NA	NA	NA
Total Organic Halides (TOX) (mg/kg)	NA	NA	NA	BRL	4,690	NA	255	242	188
% Solids	NA	62.3	61	2	60	51.7	48.9	74.8	49.3
Waste Codes		D001	D001	D008	D001	D001	D018	D001	D001
			D018		D018	D018	D039		D018
			D039		D028				

**ENCLOSURE 4**  
**ANALYTICAL DATA PACKAGES**  
(74 Pages)





## ANALYTICAL ENVIRONMENTAL SERVICES, INC.

April 05, 2011

Jessica Vickers  
Tetra Tech EM Inc.  
1955 Evergreen Blvd.  
Duluth GA 30096

TEL: (678) 775-3104  
FAX: (678) 775-3138

RE: Sharpsburg Junkyard

Dear Jessica Vickers:

Order No: 1103O08

Analytical Environmental Services, Inc. received 8 samples on 3/25/2011 6:40:00 PM for the analyses presented in following report.

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

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/10-06/30/11.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full.

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

Sharissa Hall  
Project Manager



# ANALYTICAL ENVIRONMENTAL SERVICES, INC

3785 Presidential Parkway, Atlanta GA 30340-3704

TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

## CHAIN OF CUSTODY

Work Order: 103D08

Date: 3/25 Page 1 of 1

COMPANY: Tetra Tech		ADDRESS: 1935 Evergreen Blvd		ANALYSIS REQUESTED		REMARKS		No # of Containers	
PHONE: 678-775-3104		FAX:		PROJECT NAME: Sharpsburg Junkyard		PROJECT INFORMATION		RECEIPT	
SAMPLED BY: celby		SIGNATURE: CL Berry		PROJECT #:		SITE ADDRESS:		Total # of Containers	
SAMPLE ID		SHIPMENT METHOD		SEND REPORT TO: Jessica Vickers		INVOICE TO:		Turnaround Time Request	
#		DATE		TIME		DATE/TIME		Standard 5 Business Days	
		SAMPLED		Grab		Composite		2 Business Day Rush	
		DATE		TIME		DATE/TIME		Next Business Day Rush	
1	SJ-waste-01	3/25	1700						Same Day Rush (auth req.)
2	SJ-waste-02								Other
3	SJ-waste-03								<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4	SJ-waste-04								STATE PROGRAM (if any):
5	SJ-waste-05								E-mail? Y/N: Fax? Y/N
6	SJ-waste-06								DATA PACKAGE: I II III IV
7	SJ-waste-07								
8	SJ-waste-08								
9									
10									
11									
12									
13									
14									

Visit our website [www.aesatlanta.com](http://www.aesatlanta.com) to check on the status of your results, place bottle orders, etc.

REMARKS: HIGH CONCENTRATIONS

SHARPSBURG JUNKYARD

DATE/TIME: 3/25/11 6:40

SHIPMENT METHOD: OUT / / VIA: IN / / VIA: CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER

SPECIAL INSTRUCTIONS/COMMENTS:

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (specify)

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

**Client:** Tetra Tech EM Inc.  
**Project:** Sharpsburg Junkyard  
**Lab ID:** 1103O08

**Case Narrative****Sample Receiving Nonconformance:**

Samples for Work Order 1103O08 were received at ambient temperature, outside of the required temperature range of 0-6°C. No ice or melted ice was present. The laboratory proceeded with analysis per client history.

**Sample Receiving Nonconformance:**

Samples for pH analysis by Method 9045D were received and analyzed outside of the method specified holding time of “immediate or 15 minutes”.

Per email from Jessica Vickers 3/28/2011 2:20pm, samples were analyzed for GRO, DRO, and BTU.

Per email from Jessica Vickers 3/28/2011 2:39pm, samples for GRO were prepared outside of the 48 hours hold time for preservation.

**Volatile Organic Compounds Analysis by Method SW1311/8260B:**

Due to sample matrix, samples 1103O08-002A, -004A, -005A, -006A, -007A and -008A required dilution during preparation and/or analysis resulting in elevated reporting limits.

**Metals Analysis by Method SW1311/6010B:**

Due to sample matrix, sample 1103O08-008B required dilution during preparation resulting in elevated reporting limits.

**Semi-Volatile Organics Analysis by Method SW1311/8270D:**

Due to sample matrix, samples 1103O08-001B, -002B, -003B, -004B, -005B, -006B, -007B, and -008B required dilution during preparation and/or analysis resulting in elevated reporting limits.

LCS-144186 recovery for Nitrobenzene was outside control limits biased high. Target analyte was not detected in the analytical samples, and data is reportable with high bias.

**Metals Analysis by Method SW1311/7470A:**

Due to sample matrix, sample 1103O08-008B required dilution during preparation resulting in elevated reporting limits.



**Analytical Environmental Services, Inc**
**Date:** 5-Apr-11

**Client:** Tetra Tech EM Inc.  
**Project Name:** Sharpsburg Junkyard  
**Lab ID:** 1103O08-001

**Client Sample ID:** SJ-WASTE-01  
**Collection Date:** 3/25/2011 5:00:00 PM  
**Matrix:** Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>VOLATILES, TCLP SW1311/8260B (SW1311)</b>								
1,1-Dichloroethene	BRL	0.10		mg/L	144230	20	04/01/2011 14:48	GK
1,2-Dichloroethane	BRL	0.10		mg/L	144230	20	04/01/2011 14:48	GK
2-Butanone	1.4	0.20		mg/L	144230	20	04/01/2011 14:48	GK
Benzene	BRL	0.10		mg/L	144230	20	04/01/2011 14:48	GK
Carbon tetrachloride	BRL	0.10		mg/L	144230	20	04/01/2011 14:48	GK
Chlorobenzene	BRL	0.10		mg/L	144230	20	04/01/2011 14:48	GK
Chloroform	BRL	0.10		mg/L	144230	20	04/01/2011 14:48	GK
Tetrachloroethene	BRL	0.10		mg/L	144230	20	04/01/2011 14:48	GK
Trichloroethene	BRL	0.10		mg/L	144230	20	04/01/2011 14:48	GK
Vinyl chloride	BRL	0.040		mg/L	144230	20	04/01/2011 14:48	GK
Surr: 4-Bromofluorobenzene	100	64.4-125		%REC	144230	20	04/01/2011 14:48	GK
Surr: Dibromofluoromethane	88.4	79.8-123		%REC	144230	20	04/01/2011 14:48	GK
Surr: Toluene-d8	106	78.3-116		%REC	144230	20	04/01/2011 14:48	GK
<b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D (SW3510B)</b>								
1,4-Dichlorobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
2,4,5-Trichlorophenol	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
2,4,6-Trichlorophenol	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
2,4-Dinitrotoluene	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
Hexachlorobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
Hexachlorobutadiene	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
Hexachloroethane	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
m,p-Cresol	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
Nitrobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
o-Cresol	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
Pentachlorophenol	BRL	5.0		mg/L	144186	5	03/30/2011 17:43	YH
Pyridine	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
Cresols, Total	BRL	1.0		mg/L	144186	5	03/30/2011 17:43	YH
Surr: 2,4,6-Tribromophenol	71.6	49.9-152		%REC	144186	5	03/30/2011 17:43	YH
Surr: 2-Fluorobiphenyl	81	53.9-128		%REC	144186	5	03/30/2011 17:43	YH
Surr: 2-Fluorophenol	60.3	46.7-126		%REC	144186	5	03/30/2011 17:43	YH
Surr: 4-Terphenyl-d14	80.4	47.4-147		%REC	144186	5	03/30/2011 17:43	YH
Surr: Nitrobenzene-d5	74	51.4-132		%REC	144186	5	03/30/2011 17:43	YH
Surr: Phenol-d5	78.5	42.9-125		%REC	144186	5	03/30/2011 17:43	YH
<b>MERCURY, TCLP SW1311/7470A (SW7470)</b>								
Mercury	BRL	0.00400		mg/L	144281	1	03/31/2011 15:40	JR
<b>Laboratory Hydrogen Ion (pH) SW9045D (SW9045D)</b>								
pH	3.60	0.01	H	pH Units	144360	1	04/01/2011 12:10	MP

**Qualifiers:** \* Value exceeds maximum contaminant level  
 BRL Below reporting limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 B Analyte detected in the associated method blank  
 > Greater than Result value

E Estimated (value above quantitation range)  
 S Spike Recovery outside limits due to matrix  
 Narr See case narrative  
 NC Not confirmed  
 < Less than Result value  
 J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**
**Date:** 5-Apr-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-01
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1103O08-001	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Ignitability SW1010</b>								
Ignitability	95.0	0		°F	R193844	1	03/31/2011 10:10	AS
<b>ICP METALS, TCLP SW1311/6010C (SW3010A)</b>								
Arsenic	BRL	0.250		mg/L	144215	1	03/30/2011 15:04	TA
Barium	BRL	0.500		mg/L	144215	1	03/30/2011 15:04	TA
Cadmium	BRL	0.0250		mg/L	144215	1	03/30/2011 15:04	TA
Chromium	BRL	0.0500		mg/L	144215	1	03/30/2011 15:04	TA
Lead	0.0726	0.0500		mg/L	144215	1	03/30/2011 15:04	TA
Selenium	BRL	0.100		mg/L	144215	1	03/30/2011 15:04	TA
Silver	BRL	0.0250		mg/L	144215	1	03/30/2011 15:04	TA
<b>GASOLINE RANGE ORGANICS SW8015C (SW5035)</b>								
TPH (Gasoline Range Organics)	800000	48000		mg/Kg	144311	10000	04/01/2011 17:50	ET
Surr: a.a.a-trifluorotoluene	120	41.8-130		%REC	144311	10000	04/01/2011 17:50	ET
<b>DIESEL RANGE ORGANICS SW8015C (SW3580)</b>								
TPH (Diesel Range Organics)	180000	19000		mg/Kg	144183	10	04/01/2011 14:03	TC
Surr: Dioctylphthalate	185	30-130	S	%REC	144183	10	04/01/2011 14:03	TC
<b>BTU ASTM D-240</b>								
BTU	22000	0	N	BTU/lb	R193884	1	03/31/2011 16:00	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**
**Date:** 5-Apr-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-02
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1103O08-002	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>VOLATILES, TCLP SW1311/8260B (SW1311)</b>								
1,1-Dichloroethene	BRL	2.5		mg/L	144150	500	03/29/2011 11:45	SB
1,2-Dichloroethane	BRL	2.5		mg/L	144150	500	03/29/2011 11:45	SB
2-Butanone	BRL	5.0		mg/L	144150	500	03/29/2011 11:45	SB
Benzene	1.0	0.50	*	mg/L	144150	500	03/29/2011 11:45	SB
Carbon tetrachloride	BRL	2.5		mg/L	144150	500	03/29/2011 11:45	SB
Chlorobenzene	BRL	2.5		mg/L	144150	500	03/29/2011 11:45	SB
Chloroform	BRL	2.5		mg/L	144150	500	03/29/2011 11:45	SB
Tetrachloroethene	2.9	2.5	*	mg/L	144150	500	03/29/2011 11:45	SB
Trichloroethene	BRL	2.5		mg/L	144150	500	03/29/2011 11:45	SB
Vinyl chloride	BRL	1.0		mg/L	144150	500	03/29/2011 11:45	SB
Surr: 4-Bromofluorobenzene	109	64.4-125		%REC	144150	500	03/29/2011 11:45	SB
Surr: Dibromofluoromethane	101	79.8-123		%REC	144150	500	03/29/2011 11:45	SB
Surr: Toluene-d8	100	78.3-116		%REC	144150	500	03/29/2011 11:45	SB
<b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D (SW3510B)</b>								
1,4-Dichlorobenzene	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
2,4,5-Trichlorophenol	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
2,4,6-Trichlorophenol	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
2,4-Dinitrotoluene	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
Hexachlorobenzene	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
Hexachlorobutadiene	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
Hexachloroethane	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
m,p-Cresol	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
Nitrobenzene	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
o-Cresol	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
Pentachlorophenol	BRL	2.5		mg/L	144186	5	03/30/2011 19:00	YH
Pyridine	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
Cresols, Total	BRL	0.50		mg/L	144186	5	03/30/2011 19:00	YH
Surr: 2,4,6-Tribromophenol	72.2	49.9-152		%REC	144186	5	03/30/2011 19:00	YH
Surr: 2-Fluorobiphenyl	68.4	53.9-128		%REC	144186	5	03/30/2011 19:00	YH
Surr: 2-Fluorophenol	79.5	46.7-126		%REC	144186	5	03/30/2011 19:00	YH
Surr: 4-Terphenyl-d14	79	47.4-147		%REC	144186	5	03/30/2011 19:00	YH
Surr: Nitrobenzene-d5	89.4	51.4-132		%REC	144186	5	03/30/2011 19:00	YH
Surr: Phenol-d5	78.3	42.9-125		%REC	144186	5	03/30/2011 19:00	YH
<b>MERCURY, TCLP SW1311/7470A (SW7470)</b>								
Mercury	BRL	0.00400		mg/L	144281	1	03/31/2011 15:52	JR
<b>Laboratory Hydrogen Ion (pH) SW9045D (SW9045D)</b>								
pH	3.27	0.01	H	pH Units	144360	1	04/01/2011 12:10	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit



**Analytical Environmental Services, Inc**
**Date:** 5-Apr-11

<b>Client:</b>	Tetra Tech EM Inc.	<b>Client Sample ID:</b>	SJ-WASTE-02
<b>Project Name:</b>	Sharpsburg Junkyard	<b>Collection Date:</b>	3/25/2011 5:00:00 PM
<b>Lab ID:</b>	1103O08-002	<b>Matrix:</b>	Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Ignitability SW1010</b>								
Ignitability	129	0		°F	R193844	1	04/01/2011 08:45	AS
<b>ICP METALS, TCLP SW1311/6010C (SW3010A)</b>								
Arsenic	BRL	0.250		mg/L	144215	1	03/30/2011 15:54	TA
Barium	BRL	0.500		mg/L	144215	1	03/30/2011 15:54	TA
Cadmium	BRL	0.0250		mg/L	144215	1	03/30/2011 15:54	TA
Chromium	BRL	0.0500		mg/L	144215	1	03/30/2011 15:54	TA
Lead	2.79	0.0500		mg/L	144215	1	03/30/2011 15:54	TA
Selenium	BRL	0.100		mg/L	144215	1	03/30/2011 15:54	TA
Silver	BRL	0.0250		mg/L	144215	1	03/30/2011 15:54	TA
<b>GASOLINE RANGE ORGANICS SW8015C (SW5035)</b>								
TPH (Gasoline Range Organics)	4300	500		mg/Kg	144311	1000	04/01/2011 14:04	ET
Surr: a.a.a-trifluorotoluene	128	41.8-130		%REC	144311	1000	04/01/2011 14:04	ET
<b>DIESEL RANGE ORGANICS SW8015C (SW3580)</b>								
TPH (Diesel Range Organics)	310000	19000		mg/Kg	144183	10	04/01/2011 14:26	TC
Surr: Dioctylphthalate	189	30-130	S	%REC	144183	10	04/01/2011 14:26	TC
<b>BTU ASTM D-240</b>								
BTU	8700	0	N	BTU/lb	R193884	1	03/31/2011 16:00	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**
**Date:** 5-Apr-11

**Client:** Tetra Tech EM Inc.  
**Project Name:** Sharpsburg Junkyard  
**Lab ID:** 1103O08-003

**Client Sample ID:** SJ-WASTE-03  
**Collection Date:** 3/25/2011 5:00:00 PM  
**Matrix:** Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>VOLATILES, TCLP SW1311/8260B (SW1311)</b>								
1,1-Dichloroethene	BRL	0.10		mg/L	144106	20	03/29/2011 21:24	GK
1,2-Dichloroethane	BRL	0.10		mg/L	144106	20	03/29/2011 21:24	GK
2-Butanone	BRL	0.20		mg/L	144106	20	03/29/2011 21:24	GK
Benzene	BRL	0.10		mg/L	144106	20	03/29/2011 21:24	GK
Carbon tetrachloride	BRL	0.10		mg/L	144106	20	03/29/2011 21:24	GK
Chlorobenzene	BRL	0.10		mg/L	144106	20	03/29/2011 21:24	GK
Chloroform	BRL	0.10		mg/L	144106	20	03/29/2011 21:24	GK
Tetrachloroethene	BRL	0.10		mg/L	144106	20	03/29/2011 21:24	GK
Trichloroethene	BRL	0.10		mg/L	144106	20	03/29/2011 21:24	GK
Vinyl chloride	BRL	0.040		mg/L	144106	20	03/29/2011 21:24	GK
Surr: 4-Bromofluorobenzene	97.8	64.4-125		%REC	144106	20	03/29/2011 21:24	GK
Surr: Dibromofluoromethane	86	79.8-123		%REC	144106	20	03/29/2011 21:24	GK
Surr: Toluene-d8	112	78.3-116		%REC	144106	20	03/29/2011 21:24	GK
<b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D (SW3510B)</b>								
1,4-Dichlorobenzene	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
2,4,5-Trichlorophenol	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
2,4,6-Trichlorophenol	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
2,4-Dinitrotoluene	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
Hexachlorobenzene	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
Hexachlorobutadiene	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
Hexachloroethane	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
m,p-Cresol	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
Nitrobenzene	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
o-Cresol	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
Pentachlorophenol	BRL	2.5		mg/L	144186	5	03/30/2011 19:26	YH
Pyridine	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
Cresols, Total	BRL	0.50		mg/L	144186	5	03/30/2011 19:26	YH
Surr: 2,4,6-Tribromophenol	0	49.9-152	S	%REC	144186	5	03/30/2011 19:26	YH
Surr: 2-Fluorobiphenyl	77.1	53.9-128		%REC	144186	5	03/30/2011 19:26	YH
Surr: 2-Fluorophenol	0	46.7-126	S	%REC	144186	5	03/30/2011 19:26	YH
Surr: 4-Terphenyl-d14	78.3	47.4-147		%REC	144186	5	03/30/2011 19:26	YH
Surr: Nitrobenzene-d5	18.5	51.4-132	S	%REC	144186	5	03/30/2011 19:26	YH
Surr: Phenol-d5	0	42.9-125	S	%REC	144186	5	03/30/2011 19:26	YH
<b>MERCURY, TCLP SW1311/7470A (SW7470)</b>								
Mercury	0.00465	0.00400		mg/L	144281	1	03/31/2011 15:54	JR
<b>Laboratory Hydrogen Ion (pH) SW9045D (SW9045D)</b>								
pH	3.43	0.01	H	pH Units	144360	1	04/01/2011 12:10	MP

**Qualifiers:** \* Value exceeds maximum contaminant level  
 BRL Below reporting limit  
 H Holding times for preparation or analysis exceeded  
 N Analyte not NELAC certified  
 B Analyte detected in the associated method blank  
 > Greater than Result value

E Estimated (value above quantitation range)  
 S Spike Recovery outside limits due to matrix  
 Narr See case narrative  
 NC Not confirmed  
 < Less than Result value  
 J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**
**Date:** 5-Apr-11

<b>Client:</b>	Tetra Tech EM Inc.	<b>Client Sample ID:</b>	SJ-WASTE-03
<b>Project Name:</b>	Sharpsburg Junkyard	<b>Collection Date:</b>	3/25/2011 5:00:00 PM
<b>Lab ID:</b>	1103O08-003	<b>Matrix:</b>	Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Ignitability SW1010</b>								
Ignitability	180	0	>	°F	R193844	1	03/31/2011 10:10	AS
<b>ICP METALS, TCLP SW1311/6010C (SW3010A)</b>								
Arsenic	BRL	0.250		mg/L	144215	1	03/30/2011 15:58	TA
Barium	BRL	0.500		mg/L	144215	1	03/30/2011 15:58	TA
Cadmium	BRL	0.0250		mg/L	144215	1	03/30/2011 15:58	TA
Chromium	0.587	0.0500		mg/L	144215	1	03/30/2011 15:58	TA
Lead	7.27	0.0500	*	mg/L	144215	1	03/30/2011 15:58	TA
Selenium	BRL	0.100		mg/L	144215	1	03/30/2011 15:58	TA
Silver	BRL	0.0250		mg/L	144215	1	03/30/2011 15:58	TA
<b>GASOLINE RANGE ORGANICS SW8015C (SW5035)</b>								
TPH (Gasoline Range Organics)	57000	25000		mg/Kg	144311	5000	04/01/2011 18:45	ET
Surr: a.a.a-trifluorotoluene	124	41.8-130		%REC	144311	5000	04/01/2011 18:45	ET
<b>DIESEL RANGE ORGANICS SW8015C (SW3580)</b>								
TPH (Diesel Range Organics)	2900	2000		mg/Kg	144183	1	04/01/2011 03:07	TC
Surr: Dioctylphthalate	120	30-130		%REC	144183	1	04/01/2011 03:07	TC
<b>BTU ASTM D-240</b>								
BTU	2500	0	N	BTU/lb	R193884	1	03/31/2011 16:00	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**
**Date:** 5-Apr-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-04
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1103O08-004	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>VOLATILES, TCLP SW1311/8260B (SW1311)</b>								
1,1-Dichloroethene	BRL	2.5		mg/L	144150	500	03/30/2011 01:57	SB
1,2-Dichloroethane	1.6	0.50	*	mg/L	144150	500	03/30/2011 01:57	SB
2-Butanone	BRL	5.0		mg/L	144150	500	03/30/2011 01:57	SB
Benzene	2.9	2.5	*	mg/L	144150	500	03/30/2011 01:57	SB
Carbon tetrachloride	BRL	2.5		mg/L	144150	500	03/30/2011 01:57	SB
Chlorobenzene	BRL	2.5		mg/L	144150	500	03/30/2011 01:57	SB
Chloroform	BRL	2.5		mg/L	144150	500	03/30/2011 01:57	SB
Tetrachloroethene	BRL	2.5		mg/L	144150	500	03/30/2011 01:57	SB
Trichloroethene	BRL	2.5		mg/L	144150	500	03/30/2011 01:57	SB
Vinyl chloride	BRL	1.0		mg/L	144150	500	03/30/2011 01:57	SB
Surr: 4-Bromofluorobenzene	83.7	64.4-125		%REC	144150	500	03/30/2011 01:57	SB
Surr: Dibromofluoromethane	79	79.8-123	S	%REC	144150	500	03/30/2011 01:57	SB
Surr: Toluene-d8	108	78.3-116		%REC	144150	500	03/30/2011 01:57	SB
<b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D (SW3510B)</b>								
1,4-Dichlorobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
2,4,5-Trichlorophenol	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
2,4,6-Trichlorophenol	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
2,4-Dinitrotoluene	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
Hexachlorobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
Hexachlorobutadiene	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
Hexachloroethane	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
m,p-Cresol	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
Nitrobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
o-Cresol	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
Pentachlorophenol	BRL	5.0		mg/L	144186	5	03/30/2011 19:51	YH
Pyridine	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
Cresols, Total	BRL	1.0		mg/L	144186	5	03/30/2011 19:51	YH
Surr: 2,4,6-Tribromophenol	76.2	49.9-152		%REC	144186	5	03/30/2011 19:51	YH
Surr: 2-Fluorobiphenyl	80.2	53.9-128		%REC	144186	5	03/30/2011 19:51	YH
Surr: 2-Fluorophenol	75.3	46.7-126		%REC	144186	5	03/30/2011 19:51	YH
Surr: 4-Terphenyl-d14	82.6	47.4-147		%REC	144186	5	03/30/2011 19:51	YH
Surr: Nitrobenzene-d5	82	51.4-132		%REC	144186	5	03/30/2011 19:51	YH
Surr: Phenol-d5	79.3	42.9-125		%REC	144186	5	03/30/2011 19:51	YH
<b>MERCURY, TCLP SW1311/7470A (SW7470)</b>								
Mercury	BRL	0.00400		mg/L	144281	1	03/31/2011 15:56	JR
<b>Laboratory Hydrogen Ion (pH) SW9045D (SW9045D)</b>								
pH	4.82	0.01	H	pH Units	144360	1	04/01/2011 12:10	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit



**Analytical Environmental Services, Inc**
**Date:** 5-Apr-11

<b>Client:</b>	Tetra Tech EM Inc.	<b>Client Sample ID:</b>	SJ-WASTE-04
<b>Project Name:</b>	Sharpsburg Junkyard	<b>Collection Date:</b>	3/25/2011 5:00:00 PM
<b>Lab ID:</b>	1103O08-004	<b>Matrix:</b>	Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Ignitability SW1010</b>								
Ignitability	85.0	0		°F	R193844	1	04/01/2011 08:45	AS
<b>ICP METALS, TCLP SW1311/6010C (SW3010A)</b>								
Arsenic	BRL	0.250		mg/L	144215	1	03/30/2011 16:03	TA
Barium	BRL	0.500		mg/L	144215	1	03/30/2011 16:03	TA
Cadmium	BRL	0.0250		mg/L	144215	1	03/30/2011 16:03	TA
Chromium	BRL	0.0500		mg/L	144215	1	03/30/2011 16:03	TA
Lead	0.663	0.0500		mg/L	144215	1	03/30/2011 16:03	TA
Selenium	BRL	0.100		mg/L	144215	1	03/30/2011 16:03	TA
Silver	BRL	0.0250		mg/L	144215	1	03/30/2011 16:03	TA
<b>GASOLINE RANGE ORGANICS SW8015C (SW5035)</b>								
TPH (Gasoline Range Organics)	24000	2500		mg/Kg	144311	5000	04/01/2011 12:41	ET
Surr: a.a.a-trifluorotoluene	114	41.8-130		%REC	144311	5000	04/01/2011 12:41	ET
<b>DIESEL RANGE ORGANICS SW8015C (SW3580)</b>								
TPH (Diesel Range Organics)	270000	93000		mg/Kg	144183	50	04/01/2011 13:16	TC
Surr: Dioctylphthalate	146	30-130	S	%REC	144183	50	04/01/2011 13:16	TC
<b>BTU ASTM D-240</b>								
BTU	14000	0	N	BTU/lb	R193884	1	03/31/2011 16:00	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

## Analytical Environmental Services, Inc

Date: 5-Apr-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-05
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1103O08-005	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>VOLATILES, TCLP SW1311/8260B</b>		<b>(SW1311)</b>						
1,1-Dichloroethene	BRL	2.5		mg/L	144150	500	03/30/2011 00:03	SB
1,2-Dichloroethane	BRL	2.5		mg/L	144150	500	03/30/2011 00:03	SB
2-Butanone	BRL	5.0		mg/L	144150	500	03/30/2011 00:03	SB
Benzene	7.0	2.5	*	mg/L	144150	500	03/30/2011 00:03	SB
Carbon tetrachloride	BRL	2.5		mg/L	144150	500	03/30/2011 00:03	SB
Chlorobenzene	BRL	2.5		mg/L	144150	500	03/30/2011 00:03	SB
Chloroform	BRL	2.5		mg/L	144150	500	03/30/2011 00:03	SB
Tetrachloroethene	BRL	2.5		mg/L	144150	500	03/30/2011 00:03	SB
Trichloroethene	BRL	2.5		mg/L	144150	500	03/30/2011 00:03	SB
Vinyl chloride	BRL	1.0		mg/L	144150	500	03/30/2011 00:03	SB
Surr: 4-Bromofluorobenzene	88.1	64.4-125		%REC	144150	500	03/30/2011 00:03	SB
Surr: Dibromofluoromethane	92.1	79.8-123		%REC	144150	500	03/30/2011 00:03	SB
Surr: Toluene-d8	1	78.3-116	S	%REC	144150	500	03/30/2011 00:03	SB
<b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D</b>		<b>(SW3510B)</b>						
1,4-Dichlorobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
2,4,5-Trichlorophenol	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
2,4,6-Trichlorophenol	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
2,4-Dinitrotoluene	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
Hexachlorobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
Hexachlorobutadiene	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
Hexachloroethane	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
m,p-Cresol	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
Nitrobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
o-Cresol	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
Pentachlorophenol	BRL	5.0		mg/L	144186	5	03/30/2011 20:16	YH
Pyridine	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
Cresols, Total	BRL	1.0		mg/L	144186	5	03/30/2011 20:16	YH
Surr: 2,4,6-Tribromophenol	72.9	49.9-152		%REC	144186	5	03/30/2011 20:16	YH
Surr: 2-Fluorobiphenyl	78.4	53.9-128		%REC	144186	5	03/30/2011 20:16	YH
Surr: 2-Fluorophenol	0	46.7-126	S	%REC	144186	5	03/30/2011 20:16	YH
Surr: 4-Terphenyl-d14	81.8	47.4-147		%REC	144186	5	03/30/2011 20:16	YH
Surr: Nitrobenzene-d5	15.6	51.4-132	S	%REC	144186	5	03/30/2011 20:16	YH
Surr: Phenol-d5	0	42.9-125	S	%REC	144186	5	03/30/2011 20:16	YH
<b>MERCURY, TCLP SW1311/7470A</b>		<b>(SW7470)</b>						
Mercury	BRL	0.00400		mg/L	144281	1	03/31/2011 15:58	JR
<b>Laboratory Hydrogen Ion (pH) SW9045D</b>		<b>(SW9045D)</b>						
pH	3.20	0.01	H	pH Units	144360	1	04/01/2011 12:10	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**
**Date:** 5-Apr-11

<b>Client:</b>	Tetra Tech EM Inc.	<b>Client Sample ID:</b>	SJ-WASTE-05
<b>Project Name:</b>	Sharpsburg Junkyard	<b>Collection Date:</b>	3/25/2011 5:00:00 PM
<b>Lab ID:</b>	1103O08-005	<b>Matrix:</b>	Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Ignitability SW1010</b>								
Ignitability	86.0	0		°F	R193844	1	04/01/2011 08:45	AS
<b>ICP METALS, TCLP SW1311/6010C (SW3010A)</b>								
Arsenic	BRL	0.250		mg/L	144215	1	03/30/2011 16:07	TA
Barium	BRL	0.500		mg/L	144215	1	03/30/2011 16:07	TA
Cadmium	BRL	0.0250		mg/L	144215	1	03/30/2011 16:07	TA
Chromium	BRL	0.0500		mg/L	144215	1	03/30/2011 16:07	TA
Lead	BRL	0.0500		mg/L	144215	1	03/30/2011 16:07	TA
Selenium	BRL	0.100		mg/L	144215	1	03/30/2011 16:07	TA
Silver	BRL	0.0250		mg/L	144215	1	03/30/2011 16:07	TA
<b>GASOLINE RANGE ORGANICS SW8015C (SW5035)</b>								
TPH (Gasoline Range Organics)	90000	2500		mg/Kg	144311	5000	04/01/2011 13:09	ET
Surr: a.a.a-trifluorotoluene	115	41.8-130		%REC	144311	5000	04/01/2011 13:09	ET
<b>DIESEL RANGE ORGANICS SW8015C (SW3580)</b>								
TPH (Diesel Range Organics)	560000	98000		mg/Kg	144183	50	04/01/2011 13:40	TC
Surr: Dioctylphthalate	152	30-130	S	%REC	144183	50	04/01/2011 13:40	TC
<b>BTU ASTM D-240</b>								
BTU	15000	0	N	BTU/lb	R193884	1	03/31/2011 16:00	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

## Analytical Environmental Services, Inc

Date: 5-Apr-11

**Client:** Tetra Tech EM Inc.  
**Project Name:** Sharpsburg Junkyard  
**Lab ID:** 1103O08-006

**Client Sample ID:** SJ-WASTE-06  
**Collection Date:** 3/25/2011 5:00:00 PM  
**Matrix:** Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>VOLATILES, TCLP SW1311/8260B</b>				<b>(SW1311)</b>				
1,1-Dichloroethene	BRL	0.25		mg/L	144150	50	03/29/2011 11:55	GK
1,2-Dichloroethane	BRL	0.25		mg/L	144150	50	03/29/2011 11:55	GK
2-Butanone	BRL	0.50		mg/L	144150	50	03/29/2011 11:55	GK
Benzene	2.0	0.25	*	mg/L	144150	50	03/29/2011 11:55	GK
Carbon tetrachloride	BRL	0.25		mg/L	144150	50	03/29/2011 11:55	GK
Chlorobenzene	BRL	0.25		mg/L	144150	50	03/29/2011 11:55	GK
Chloroform	BRL	0.25		mg/L	144150	50	03/29/2011 11:55	GK
Tetrachloroethene	14	5.0	*	mg/L	144150	1000	03/30/2011 18:21	GK
Trichloroethene	BRL	0.25		mg/L	144150	50	03/29/2011 11:55	GK
Vinyl chloride	BRL	0.10		mg/L	144150	50	03/29/2011 11:55	GK
Surr: 4-Bromofluorobenzene	94.2	64.4-125		%REC	144150	50	03/29/2011 11:55	GK
Surr: 4-Bromofluorobenzene	95.1	64.4-125		%REC	144150	1000	03/30/2011 18:21	GK
Surr: Dibromofluoromethane	91.9	79.8-123		%REC	144150	50	03/29/2011 11:55	GK
Surr: Dibromofluoromethane	96.2	79.8-123		%REC	144150	1000	03/30/2011 18:21	GK
Surr: Toluene-d8	121	78.3-116	S	%REC	144150	50	03/29/2011 11:55	GK
Surr: Toluene-d8	96.9	78.3-116		%REC	144150	1000	03/30/2011 18:21	GK
<b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D</b>				<b>(SW3510B)</b>				
1,4-Dichlorobenzene	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
2,4,5-Trichlorophenol	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
2,4,6-Trichlorophenol	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
2,4-Dinitrotoluene	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
Hexachlorobenzene	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
Hexachlorobutadiene	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
Hexachloroethane	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
m,p-Cresol	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
Nitrobenzene	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
o-Cresol	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
Pentachlorophenol	BRL	12		mg/L	144186	5	03/30/2011 20:42	YH
Pyridine	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
Cresols, Total	BRL	2.5		mg/L	144186	5	03/30/2011 20:42	YH
Surr: 2,4,6-Tribromophenol	0	49.9-152	S	%REC	144186	5	03/30/2011 20:42	YH
Surr: 2-Fluorobiphenyl	68.5	53.9-128		%REC	144186	5	03/30/2011 20:42	YH
Surr: 2-Fluorophenol	0	46.7-126	S	%REC	144186	5	03/30/2011 20:42	YH
Surr: 4-Terphenyl-d14	73	47.4-147		%REC	144186	5	03/30/2011 20:42	YH
Surr: Nitrobenzene-d5	44	51.4-132	S	%REC	144186	5	03/30/2011 20:42	YH
Surr: Phenol-d5	0	42.9-125	S	%REC	144186	5	03/30/2011 20:42	YH
<b>MERCURY, TCLP SW1311/7470A</b>				<b>(SW7470)</b>				
Mercury	BRL	0.00400		mg/L	144281	1	03/31/2011 16:00	JR

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit



## Analytical Environmental Services, Inc

Date: 5-Apr-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-06
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1103O08-006	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Laboratory Hydrogen Ion (pH) SW9045D (SW9045D)</b>								
pH	7.11	0.01	H	pH Units	144360	1	04/01/2011 12:10	MP
<b>Ignitability SW1010</b>								
Ignitability	155	0		°F	R193844	1	03/31/2011 10:10	AS
<b>ICP METALS, TCLP SW1311/6010C (SW3010A)</b>								
Arsenic	BRL	0.250		mg/L	144215	1	03/30/2011 16:11	TA
Barium	BRL	0.500		mg/L	144215	1	03/30/2011 16:11	TA
Cadmium	BRL	0.0250		mg/L	144215	1	03/30/2011 16:11	TA
Chromium	BRL	0.0500		mg/L	144215	1	03/30/2011 16:11	TA
Lead	BRL	0.0500		mg/L	144215	1	03/30/2011 16:11	TA
Selenium	BRL	0.100		mg/L	144215	1	03/30/2011 16:11	TA
Silver	BRL	0.0250		mg/L	144215	1	03/30/2011 16:11	TA
<b>GASOLINE RANGE ORGANICS SW8015C (SW5035)</b>								
TPH (Gasoline Range Organics)	31000	2500		mg/Kg	144311	5000	04/01/2011 13:36	ET
Surr: a.a.a-trifluorotoluene	121	41.8-130		%REC	144311	5000	04/01/2011 13:36	ET
<b>DIESEL RANGE ORGANICS SW8015C (SW3580)</b>								
TPH (Diesel Range Organics)	270000	19000		mg/Kg	144183	10	04/01/2011 14:50	TC
Surr: Dioctylphthalate	292	30-130	S	%REC	144183	10	04/01/2011 14:50	TC
<b>BTU ASTM D-240</b>								
BTU	750	0	N	BTU/lb	R193884	1	03/31/2011 16:00	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**
**Date:** 5-Apr-11

**Client:** Tetra Tech EM Inc.  
**Project Name:** Sharpsburg Junkyard  
**Lab ID:** 1103O08-007

**Client Sample ID:** SJ-WASTE-07  
**Collection Date:** 3/25/2011 5:00:00 PM  
**Matrix:** Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>VOLATILES, TCLP SW1311/8260B (SW1311)</b>								
1,1-Dichloroethene	BRL	2.5		mg/L	144150	500	03/29/2011 17:25	SB
1,2-Dichloroethane	BRL	2.5		mg/L	144150	500	03/29/2011 17:25	SB
2-Butanone	67	5.0		mg/L	144150	500	03/29/2011 17:25	SB
Benzene	BRL	2.5		mg/L	144150	500	03/29/2011 17:25	SB
Carbon tetrachloride	BRL	2.5		mg/L	144150	500	03/29/2011 17:25	SB
Chlorobenzene	BRL	2.5		mg/L	144150	500	03/29/2011 17:25	SB
Chloroform	BRL	2.5		mg/L	144150	500	03/29/2011 17:25	SB
Tetrachloroethene	BRL	2.5		mg/L	144150	500	03/29/2011 17:25	SB
Trichloroethene	BRL	2.5		mg/L	144150	500	03/29/2011 17:25	SB
Vinyl chloride	BRL	1.0		mg/L	144150	500	03/29/2011 17:25	SB
Surr: 4-Bromofluorobenzene	89.1	64.4-125		%REC	144150	500	03/29/2011 17:25	SB
Surr: Dibromofluoromethane	83.7	79.8-123		%REC	144150	500	03/29/2011 17:25	SB
Surr: Toluene-d8	125	78.3-116	S	%REC	144150	500	03/29/2011 17:25	SB
<b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D (SW3510B)</b>								
1,4-Dichlorobenzene	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
2,4,5-Trichlorophenol	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
2,4,6-Trichlorophenol	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
2,4-Dinitrotoluene	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
Hexachlorobenzene	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
Hexachlorobutadiene	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
Hexachloroethane	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
m,p-Cresol	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
Nitrobenzene	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
o-Cresol	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
Pentachlorophenol	BRL	12		mg/L	144186	5	03/30/2011 21:07	YH
Pyridine	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
Cresols, Total	BRL	2.5		mg/L	144186	5	03/30/2011 21:07	YH
Surr: 2,4,6-Tribromophenol	61	49.9-152		%REC	144186	5	03/30/2011 21:07	YH
Surr: 2-Fluorobiphenyl	67	53.9-128		%REC	144186	5	03/30/2011 21:07	YH
Surr: 2-Fluorophenol	0	46.7-126	S	%REC	144186	5	03/30/2011 21:07	YH
Surr: 4-Terphenyl-d14	73.5	47.4-147		%REC	144186	5	03/30/2011 21:07	YH
Surr: Nitrobenzene-d5	118	51.4-132		%REC	144186	5	03/30/2011 21:07	YH
Surr: Phenol-d5	0	42.9-125	S	%REC	144186	5	03/30/2011 21:07	YH
<b>MERCURY, TCLP SW1311/7470A (SW7470)</b>								
Mercury	BRL	0.00400		mg/L	144281	1	03/31/2011 16:01	JR
<b>Laboratory Hydrogen Ion (pH) SW9045D (SW9045D)</b>								
pH	4.92	0.01	H	pH Units	144360	1	04/01/2011 12:10	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

## Analytical Environmental Services, Inc

Date: 5-Apr-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-07
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1103O08-007	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Ignitability SW1010</b>								
Ignitability	84.0	0		°F	R193844	1	04/01/2011 08:45	AS
<b>ICP METALS, TCLP SW1311/6010C (SW3010A)</b>								
Arsenic	BRL	0.250		mg/L	144215	1	03/30/2011 16:16	TA
Barium	BRL	0.500		mg/L	144215	1	03/30/2011 16:16	TA
Cadmium	BRL	0.0250		mg/L	144215	1	03/30/2011 16:16	TA
Chromium	BRL	0.0500		mg/L	144215	1	03/30/2011 16:16	TA
Lead	BRL	0.0500		mg/L	144215	1	03/30/2011 16:16	TA
Selenium	BRL	0.100		mg/L	144215	1	03/30/2011 16:16	TA
Silver	BRL	0.0250		mg/L	144215	1	03/30/2011 16:16	TA
<b>GASOLINE RANGE ORGANICS SW8015C (SW5035)</b>								
TPH (Gasoline Range Organics)	47000	5000		mg/Kg	144311	10000	04/01/2011 16:28	ET
Surr: a.a.a-trifluorotoluene	121	41.8-130		%REC	144311	10000	04/01/2011 16:28	ET
<b>DIESEL RANGE ORGANICS SW8015C (SW3580)</b>								
TPH (Diesel Range Organics)	280000	19000		mg/Kg	144183	10	04/01/2011 15:14	TC
Surr: Dioctylphthalate	144	30-130	S	%REC	144183	10	04/01/2011 15:14	TC
<b>BTU ASTM D-240</b>								
BTU	15000	0	N	BTU/lb	R193884	1	03/31/2011 16:00	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

## Analytical Environmental Services, Inc

Date: 5-Apr-11

**Client:** Tetra Tech EM Inc.  
**Project Name:** Sharpsburg Junkyard  
**Lab ID:** 1103O08-008

**Client Sample ID:** SJ-WASTE-08  
**Collection Date:** 3/25/2011 5:00:00 PM  
**Matrix:** Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>VOLATILES, TCLP SW1311/8260B</b>				<b>(SW1311)</b>				
1,1-Dichloroethene	BRL	2.5		mg/L	144150	500	03/30/2011 03:23	SB
1,2-Dichloroethane	BRL	2.5		mg/L	144150	500	03/30/2011 03:23	SB
2-Butanone	BRL	5.0		mg/L	144150	500	03/30/2011 03:23	SB
Benzene	70	2.5	*	mg/L	144150	500	03/30/2011 03:23	SB
Carbon tetrachloride	BRL	2.5		mg/L	144150	500	03/30/2011 03:23	SB
Chlorobenzene	BRL	2.5		mg/L	144150	500	03/30/2011 03:23	SB
Chloroform	BRL	2.5		mg/L	144150	500	03/30/2011 03:23	SB
Tetrachloroethene	BRL	2.5		mg/L	144150	500	03/30/2011 03:23	SB
Trichloroethene	BRL	2.5		mg/L	144150	500	03/30/2011 03:23	SB
Vinyl chloride	BRL	1.0		mg/L	144150	500	03/30/2011 03:23	SB
Surr: 4-Bromofluorobenzene	89.3	64.4-125		%REC	144150	500	03/30/2011 03:23	SB
Surr: Dibromofluoromethane	72.4	79.8-123	S	%REC	144150	500	03/30/2011 03:23	SB
Surr: Toluene-d8	99.5	78.3-116		%REC	144150	500	03/30/2011 03:23	SB
<b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D</b>				<b>(SW3510B)</b>				
1,4-Dichlorobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
2,4,5-Trichlorophenol	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
2,4,6-Trichlorophenol	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
2,4-Dinitrotoluene	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
Hexachlorobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
Hexachlorobutadiene	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
Hexachloroethane	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
m,p-Cresol	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
Nitrobenzene	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
o-Cresol	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
Pentachlorophenol	BRL	5.0		mg/L	144186	5	03/30/2011 21:33	YH
Pyridine	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
Cresols, Total	BRL	1.0		mg/L	144186	5	03/30/2011 21:33	YH
Surr: 2,4,6-Tribromophenol	74.6	49.9-152		%REC	144186	5	03/30/2011 21:33	YH
Surr: 2-Fluorobiphenyl	83.8	53.9-128		%REC	144186	5	03/30/2011 21:33	YH
Surr: 2-Fluorophenol	70.8	46.7-126		%REC	144186	5	03/30/2011 21:33	YH
Surr: 4-Terphenyl-d14	87.2	47.4-147		%REC	144186	5	03/30/2011 21:33	YH
Surr: Nitrobenzene-d5	94.4	51.4-132		%REC	144186	5	03/30/2011 21:33	YH
Surr: Phenol-d5	68.8	42.9-125		%REC	144186	5	03/30/2011 21:33	YH
<b>MERCURY, TCLP SW1311/7470A</b>				<b>(SW7470)</b>				
Mercury	BRL	0.0400		mg/L	144266	1	03/31/2011 16:21	JR
<b>Laboratory Hydrogen Ion (pH) SW9045D</b>				<b>(SW9045D)</b>				
pH	4.31	0.01	H	pH Units	144360	1	04/01/2011 12:10	MP

**Qualifiers:**

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- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit



## Analytical Environmental Services, Inc

Date: 5-Apr-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-08
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1103O08-008	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>Ignitability SW1010</b>								
Ignitability	65.0	0		°F	R193844	1	03/31/2011 10:10	AS
<b>ICP METALS, TCLP SW1311/6010C (SW3010A)</b>								
Arsenic	BRL	2.50		mg/L	144215	1	03/30/2011 16:20	TA
Barium	BRL	5.00		mg/L	144215	1	03/30/2011 16:20	TA
Cadmium	BRL	0.250		mg/L	144215	1	03/30/2011 16:20	TA
Chromium	BRL	0.500		mg/L	144215	1	03/30/2011 16:20	TA
Lead	BRL	0.500		mg/L	144215	1	03/30/2011 16:20	TA
Selenium	BRL	1.00		mg/L	144215	1	03/30/2011 16:20	TA
Silver	BRL	0.250		mg/L	144215	1	03/30/2011 16:20	TA
<b>GASOLINE RANGE ORGANICS SW8015C (SW5035)</b>								
TPH (Gasoline Range Organics)	120000	25000		mg/Kg	144311	50000	04/01/2011 16:00	ET
Surr: a.a.a-trifluorotoluene	123	41.8-130		%REC	144311	50000	04/01/2011 16:00	ET
<b>DIESEL RANGE ORGANICS SW8015C (SW3580)</b>								
TPH (Diesel Range Organics)	570000	39000		mg/Kg	144183	20	04/01/2011 15:37	TC
Surr: Dioctylphthalate	123	30-130		%REC	144183	1	04/01/2011 01:10	TC
<b>BTU ASTM D-240</b>								
BTU	13000	0	N	BTU/lb	R193884	1	03/31/2011 16:00	MP

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
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- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Telre tech

Work Order Number 1103008

Checklist completed by Mak 3/25/11  
Signature Date

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

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

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

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

Container/Temp Blank temperature in compliance? ( $4^{\circ}\text{C} \pm 2$ )\* Yes ☒ No ☒ *in 3-26-11*

Cooler #1 Amk Cooler #2 ☐ Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

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

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

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☐ No ☒

Was TAT marked on the COC? Yes ☒ No ☐

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

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

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

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

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

See Case Narrative for resolution of the Non-Conformance.

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

\\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample\_Cooler\_Receipt\_Checklist

Client: Tetra Tech EM Inc.  
 Project: Sharpsburg Junkyard  
 Lab Order: 1103O08

**Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1103O08-001A	SJ-WASTE-01	3/25/2011 5:00:00PM	Waste	VOLATILES, TCLP Leached	03/29/2011	03/30/2011	04/01/2011
1103O08-001B	SJ-WASTE-01	3/25/2011 5:00:00PM	Waste	IGNITABILITY			03/31/2011
1103O08-001B	SJ-WASTE-01	3/25/2011 5:00:00PM	Waste	TCLP SEMIVOLATILES ORGANICS	03/28/2011	03/30/2011	03/30/2011
1103O08-001B	SJ-WASTE-01	3/25/2011 5:00:00PM	Waste	MERCURY, TCLP Leached	03/28/2011	03/31/2011	03/31/2011
1103O08-001B	SJ-WASTE-01	3/25/2011 5:00:00PM	Waste	ICP METALS, TCLP Leached	03/28/2011	03/30/2011	03/30/2011
1103O08-001B	SJ-WASTE-01	3/25/2011 5:00:00PM	Waste	Laboratory Hydrogen Ion (pH)		04/01/2011	04/01/2011
1103O08-001B	SJ-WASTE-01	3/25/2011 5:00:00PM	Waste	BTU			03/31/2011
1103O08-001B	SJ-WASTE-01	3/25/2011 5:00:00PM	Waste	DIESEL RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-001D	SJ-WASTE-01	3/25/2011 5:00:00PM	Waste	GASOLINE RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-002A	SJ-WASTE-02	3/25/2011 5:00:00PM	Waste	VOLATILES, TCLP Leached	03/28/2011	03/29/2011	03/29/2011
1103O08-002B	SJ-WASTE-02	3/25/2011 5:00:00PM	Waste	IGNITABILITY			04/01/2011
1103O08-002B	SJ-WASTE-02	3/25/2011 5:00:00PM	Waste	TCLP SEMIVOLATILES ORGANICS	03/28/2011	03/30/2011	03/30/2011
1103O08-002B	SJ-WASTE-02	3/25/2011 5:00:00PM	Waste	MERCURY, TCLP Leached	03/28/2011	03/31/2011	03/31/2011
1103O08-002B	SJ-WASTE-02	3/25/2011 5:00:00PM	Waste	ICP METALS, TCLP Leached	03/28/2011	03/30/2011	03/30/2011
1103O08-002B	SJ-WASTE-02	3/25/2011 5:00:00PM	Waste	Laboratory Hydrogen Ion (pH)		04/01/2011	04/01/2011
1103O08-002B	SJ-WASTE-02	3/25/2011 5:00:00PM	Waste	BTU			03/31/2011
1103O08-002B	SJ-WASTE-02	3/25/2011 5:00:00PM	Waste	DIESEL RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-002D	SJ-WASTE-02	3/25/2011 5:00:00PM	Waste	GASOLINE RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-003A	SJ-WASTE-03	3/25/2011 5:00:00PM	Waste	VOLATILES, TCLP Leached	03/28/2011	03/28/2011	03/29/2011
1103O08-003B	SJ-WASTE-03	3/25/2011 5:00:00PM	Waste	IGNITABILITY			03/31/2011
1103O08-003B	SJ-WASTE-03	3/25/2011 5:00:00PM	Waste	TCLP SEMIVOLATILES ORGANICS	03/28/2011	03/30/2011	03/30/2011
1103O08-003B	SJ-WASTE-03	3/25/2011 5:00:00PM	Waste	MERCURY, TCLP Leached	03/28/2011	03/31/2011	03/31/2011
1103O08-003B	SJ-WASTE-03	3/25/2011 5:00:00PM	Waste	ICP METALS, TCLP Leached	03/28/2011	03/30/2011	03/30/2011
1103O08-003B	SJ-WASTE-03	3/25/2011 5:00:00PM	Waste	Laboratory Hydrogen Ion (pH)		04/01/2011	04/01/2011
1103O08-003B	SJ-WASTE-03	3/25/2011 5:00:00PM	Waste	BTU			03/31/2011
1103O08-003B	SJ-WASTE-03	3/25/2011 5:00:00PM	Waste	DIESEL RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-003D	SJ-WASTE-03	3/25/2011 5:00:00PM	Waste	GASOLINE RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-004A	SJ-WASTE-04	3/25/2011 5:00:00PM	Waste	VOLATILES, TCLP Leached	03/28/2011	03/29/2011	03/30/2011
1103O08-004B	SJ-WASTE-04	3/25/2011 5:00:00PM	Waste	IGNITABILITY			04/01/2011

Client: Tetra Tech EM Inc.  
 Project: Sharpsburg Junkyard  
 Lab Order: 1103O08

**Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1103O08-004B	SJ-WASTE-04	3/25/2011 5:00:00PM	Waste	TCLP SEMIVOLATILES ORGANICS	03/28/2011	03/30/2011	03/30/2011
1103O08-004B	SJ-WASTE-04	3/25/2011 5:00:00PM	Waste	MERCURY, TCLP Leached	03/28/2011	03/31/2011	03/31/2011
1103O08-004B	SJ-WASTE-04	3/25/2011 5:00:00PM	Waste	ICP METALS, TCLP Leached	03/28/2011	03/30/2011	03/30/2011
1103O08-004B	SJ-WASTE-04	3/25/2011 5:00:00PM	Waste	Laboratory Hydrogen Ion (pH)		04/01/2011	04/01/2011
1103O08-004B	SJ-WASTE-04	3/25/2011 5:00:00PM	Waste	BTU			03/31/2011
1103O08-004B	SJ-WASTE-04	3/25/2011 5:00:00PM	Waste	DIESEL RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-004D	SJ-WASTE-04	3/25/2011 5:00:00PM	Waste	GASOLINE RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-005A	SJ-WASTE-05	3/25/2011 5:00:00PM	Waste	VOLATILES, TCLP Leached	03/28/2011	03/29/2011	03/30/2011
1103O08-005B	SJ-WASTE-05	3/25/2011 5:00:00PM	Waste	IGNITABILITY			04/01/2011
1103O08-005B	SJ-WASTE-05	3/25/2011 5:00:00PM	Waste	TCLP SEMIVOLATILES ORGANICS	03/28/2011	03/30/2011	03/30/2011
1103O08-005B	SJ-WASTE-05	3/25/2011 5:00:00PM	Waste	MERCURY, TCLP Leached	03/28/2011	03/31/2011	03/31/2011
1103O08-005B	SJ-WASTE-05	3/25/2011 5:00:00PM	Waste	ICP METALS, TCLP Leached	03/28/2011	03/30/2011	03/30/2011
1103O08-005B	SJ-WASTE-05	3/25/2011 5:00:00PM	Waste	Laboratory Hydrogen Ion (pH)		04/01/2011	04/01/2011
1103O08-005B	SJ-WASTE-05	3/25/2011 5:00:00PM	Waste	BTU			03/31/2011
1103O08-005B	SJ-WASTE-05	3/25/2011 5:00:00PM	Waste	DIESEL RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-005D	SJ-WASTE-05	3/25/2011 5:00:00PM	Waste	GASOLINE RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-006A	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	VOLATILES, TCLP Leached	03/28/2011	03/29/2011	03/29/2011
1103O08-006A	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	VOLATILES, TCLP Leached	03/28/2011	03/29/2011	03/30/2011
1103O08-006B	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	IGNITABILITY			03/31/2011
1103O08-006B	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	TCLP SEMIVOLATILES ORGANICS	03/28/2011	03/30/2011	03/30/2011
1103O08-006B	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	MERCURY, TCLP Leached	03/28/2011	03/31/2011	03/31/2011
1103O08-006B	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	ICP METALS, TCLP Leached	03/28/2011	03/30/2011	03/30/2011
1103O08-006B	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	Laboratory Hydrogen Ion (pH)		04/01/2011	04/01/2011
1103O08-006B	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	BTU			03/31/2011
1103O08-006B	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	DIESEL RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-006D	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	GASOLINE RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-007A	SJ-WASTE-07	3/25/2011 5:00:00PM	Waste	VOLATILES, TCLP Leached	03/28/2011	03/29/2011	03/29/2011
1103O08-007B	SJ-WASTE-07	3/25/2011 5:00:00PM	Waste	IGNITABILITY			04/01/2011
1103O08-007B	SJ-WASTE-07	3/25/2011 5:00:00PM	Waste	TCLP SEMIVOLATILES ORGANICS	03/28/2011	03/30/2011	03/30/2011

Client: Tetra Tech EM Inc.  
 Project: Sharpsburg Junkyard  
 Lab Order: 1103O08

**Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1103O08-007B	SJ-WASTE-07	3/25/2011 5:00:00PM	Waste	MERCURY, TCLP Leached	03/28/2011	03/31/2011	03/31/2011
1103O08-007B	SJ-WASTE-07	3/25/2011 5:00:00PM	Waste	ICP METALS, TCLP Leached	03/28/2011	03/30/2011	03/30/2011
1103O08-007B	SJ-WASTE-07	3/25/2011 5:00:00PM	Waste	Laboratory Hydrogen Ion (pH)		04/01/2011	04/01/2011
1103O08-007B	SJ-WASTE-07	3/25/2011 5:00:00PM	Waste	BTU			03/31/2011
1103O08-007B	SJ-WASTE-07	3/25/2011 5:00:00PM	Waste	DIESEL RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-007D	SJ-WASTE-07	3/25/2011 5:00:00PM	Waste	GASOLINE RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-008A	SJ-WASTE-08	3/25/2011 5:00:00PM	Waste	VOLATILES, TCLP Leached	03/28/2011	03/29/2011	03/30/2011
1103O08-008B	SJ-WASTE-08	3/25/2011 5:00:00PM	Waste	IGNITABILITY			03/31/2011
1103O08-008B	SJ-WASTE-08	3/25/2011 5:00:00PM	Waste	TCLP SEMIVOLATILES ORGANICS	03/28/2011	03/30/2011	03/30/2011
1103O08-008B	SJ-WASTE-08	3/25/2011 5:00:00PM	Waste	MERCURY, TCLP Leached	03/28/2011	03/30/2011	03/31/2011
1103O08-008B	SJ-WASTE-08	3/25/2011 5:00:00PM	Waste	ICP METALS, TCLP Leached	03/28/2011	03/30/2011	03/30/2011
1103O08-008B	SJ-WASTE-08	3/25/2011 5:00:00PM	Waste	Laboratory Hydrogen Ion (pH)		04/01/2011	04/01/2011
1103O08-008B	SJ-WASTE-08	3/25/2011 5:00:00PM	Waste	BTU			03/31/2011
1103O08-008B	SJ-WASTE-08	3/25/2011 5:00:00PM	Waste	DIESEL RANGE ORGANICS		03/31/2011	04/01/2011
1103O08-008D	SJ-WASTE-08	3/25/2011 5:00:00PM	Waste	GASOLINE RANGE ORGANICS		03/31/2011	04/01/2011



**Client:** Tetra Tech EM Inc.  
**Project Name:** Sharpsburg Junkyard  
**Workorder:** 1103O08

**ANALYTICAL QC SUMMARY REPORT****BatchID: 144106**

Sample ID: <b>MB-144106</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/28/2011</b>	Run No: <b>193473</b>			
SampleType: <b>MBLK</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144106</b>	Analysis Date: <b>03/28/2011</b>	Seq No: <b>4036833</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	0.10	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	0.10	0	0	0	0	0	0	0	0	
2-Butanone	BRL	0.20	0	0	0	0	0	0	0	0	
Benzene	BRL	0.10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	0.10	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	0.10	0	0	0	0	0	0	0	0	
Chloroform	BRL	0.10	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	0.10	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	0.10	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	0.040	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	0.8758	0	1	0	87.6	64.4	125	0	0	0	
Surr: Dibromofluoromethane	1.004	0	1	0	100	79.8	123	0	0	0	
Surr: Toluene-d8	0.9072	0	1	0	90.7	78.3	116	0	0	0	

Sample ID: <b>LCS-144106</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/28/2011</b>	Run No: <b>193473</b>			
SampleType: <b>LCS</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144106</b>	Analysis Date: <b>03/28/2011</b>	Seq No: <b>4036637</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.9200	0.10	1	0	92	54.1	155	0	0	0	
1,2-Dichloroethane	0.9008	0.10	1	0	90.1	65.6	138	0	0	0	
2-Butanone	2.077	0.20	2	0	104	54.7	156	0	0	0	
Benzene	0.8750	0.10	1	0	87.5	75	131	0	0	0	
Carbon tetrachloride	0.9258	0.10	1	0	92.6	65.6	144	0	0	0	
Chlorobenzene	0.8586	0.10	1	0	85.9	76.8	122	0	0	0	
Chloroform	0.9006	0.10	1	0	90.1	65.8	130	0	0	0	
Tetrachloroethene	0.8268	0.10	1	0	82.7	64.7	138	0	0	0	
Trichloroethene	0.8420	0.10	1	0	84.2	68.1	134	0	0	0	

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Sharpsburg Junkyard  
 Workorder: 1103O08

## ANALYTICAL QC SUMMARY REPORT

BatchID: 144106

Sample ID: <b>LCS-144106</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/28/2011</b>	Run No: <b>193473</b>			
SampleType: <b>LCS</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144106</b>	Analysis Date: <b>03/28/2011</b>	Seq No: <b>4036637</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Vinyl chloride	1.015	0.040	1	0	101	53.3	151	0	0	0	
Surr: 4-Bromofluorobenzene	1.063	0	1	0	106	64.4	125	0	0	0	
Surr: Dibromofluoromethane	0.9962	0	1	0	99.6	79.8	123	0	0	0	
Surr: Toluene-d8	1.042	0	1	0	104	78.3	116	0	0	0	

Sample ID: <b>1103N41-001AMS</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/28/2011</b>	Run No: <b>193473</b>			
SampleType: <b>MS</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144106</b>	Analysis Date: <b>03/28/2011</b>	Seq No: <b>4037326</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	1.032	0.10	1	0	103	48.8	171	0	0	0	
1,2-Dichloroethane	0.9704	0.10	1	0	97	58.2	140	0	0	0	
2-Butanone	2.354	0.20	2	0	118	26.1	191	0	0	0	
Benzene	1.027	0.10	1	0	103	76.8	132	0	0	0	
Carbon tetrachloride	1.011	0.10	1	0	101	61	153	0	0	0	
Chlorobenzene	1.011	0.10	1	0	101	74.3	125	0	0	0	
Chloroform	1.033	0.10	1	0.02380	101	63	135	0	0	0	
Tetrachloroethene	0.9542	0.10	1	0	95.4	65.3	147	0	0	0	
Trichloroethene	1.165	0.10	1	0.1338	103	70.7	140	0	0	0	
Vinyl chloride	1.048	0.040	1	0	105	36.3	174	0	0	0	
Surr: 4-Bromofluorobenzene	1.026	0	1	0	103	64.4	125	0	0	0	
Surr: Dibromofluoromethane	0.9760	0	1	0	97.6	79.8	123	0	0	0	
Surr: Toluene-d8	1.006	0	1	0	101	78.3	116	0	0	0	

Sample ID: <b>1103N41-001ADUP</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/28/2011</b>	Run No: <b>193473</b>			
SampleType: <b>DUP</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144106</b>	Analysis Date: <b>03/28/2011</b>	Seq No: <b>4036840</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
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**Qualifiers:**

>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Sharpsburg Junkyard  
 Workorder: 1103O08

## ANALYTICAL QC SUMMARY REPORT

BatchID: 144106

Sample ID: <b>1103N41-001ADUP</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/28/2011</b>	Run No: <b>193473</b>			
SampleType: <b>DUP</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144106</b>	Analysis Date: <b>03/28/2011</b>	Seq No: <b>4036840</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,2-Dichloroethane	BRL	0.10	0	0	0	0	0	0	0	30	
2-Butanone	BRL	0.20	0	0	0	0	0	0	0	30	
Benzene	BRL	0.10	0	0	0	0	0	0	0	30	
Carbon tetrachloride	BRL	0.10	0	0	0	0	0	0	0	30	
Chlorobenzene	BRL	0.10	0	0	0	0	0	0	0	30	
Chloroform	BRL	0.10	0	0	0	0	0	0.02380	0	30	
Tetrachloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
Trichloroethene	0.1230	0.10	0	0	0	0	0	0.1338	8.41	30	
Vinyl chloride	BRL	0.040	0	0	0	0	0	0	0	30	
Surr: 4-Bromofluorobenzene	0.9580	0	1	0	95.8	64.4	125	0.9880	0	0	
Surr: Dibromofluoromethane	0.9540	0	1	0	95.4	79.8	123	0.9762	0	0	
Surr: Toluene-d8	0.9052	0	1	0	90.5	78.3	116	0.9186	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

**Client:** Tetra Tech EM Inc.  
**Project Name:** Sharpsburg Junkyard  
**Workorder:** 1103O08

**ANALYTICAL QC SUMMARY REPORT****BatchID: 144150**

Sample ID: <b>MB-144150</b>		Client ID:				Units: <b>mg/L</b>		Prep Date: <b>03/29/2011</b>		Run No: <b>193580</b>	
SampleType: <b>MBLK</b>		TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>				BatchID: <b>144150</b>		Analysis Date: <b>03/29/2011</b>		Seq No: <b>4039052</b>	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	0.25	0	0	0	0	0	0	0	0	
2-Butanone	BRL	0.50	0	0	0	0	0	0	0	0	
Benzene	BRL	0.25	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	0.25	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	0.25	0	0	0	0	0	0	0	0	
Chloroform	BRL	0.25	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	0.25	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	0.10	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	2.294	0	2.5	0	91.8	64.4	125	0	0	0	
Surr: Dibromofluoromethane	2.544	0	2.5	0	102	79.8	123	0	0	0	
Surr: Toluene-d8	2.357	0	2.5	0	94.3	78.3	116	0	0	0	

Sample ID: <b>LCS-144150</b>	Client ID:				Units: <b>mg/L</b>	Prep Date: <b>03/29/2011</b>		Run No: <b>193580</b>			
SampleType: <b>LCS</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>				BatchID: <b>144150</b>	Analysis Date: <b>03/29/2011</b>		Seq No: <b>4039050</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	1.810	0.25	2.5	0	72.4	54.1	155	0	0	0	
1,2-Dichloroethane	2.336	0.25	2.5	0	93.4	65.6	138	0	0	0	
2-Butanone	4.922	0.50	5	0	98.4	54.7	156	0	0	0	
Benzene	2.028	0.25	2.5	0	81.1	75	131	0	0	0	
Carbon tetrachloride	1.999	0.25	2.5	0	80	65.6	144	0	0	0	
Chlorobenzene	2.010	0.25	2.5	0	80.4	76.8	122	0	0	0	
Chloroform	2.032	0.25	2.5	0	81.3	65.8	130	0	0	0	
Tetrachloroethene	1.766	0.25	2.5	0	70.6	64.7	138	0	0	0	
Trichloroethene	1.894	0.25	2.5	0	75.7	68.1	134	0	0	0	
Vinyl chloride	2.097	0.10	2.5	0	83.9	53.3	151	0	0	0	

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Sharpsburg Junkyard  
 Workorder: 1103O08

## ANALYTICAL QC SUMMARY REPORT

BatchID: 144150

Sample ID: <b>LCS-144150</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/29/2011</b>	Run No: <b>193580</b>			
SampleType: <b>LCS</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144150</b>	Analysis Date: <b>03/29/2011</b>	Seq No: <b>4039050</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: 4-Bromofluorobenzene	2.726	0	2.5	0	109	64.4	125	0	0	0	
Surr: Dibromofluoromethane	2.446	0	2.5	0	97.8	79.8	123	0	0	0	
Surr: Toluene-d8	2.558	0	2.5	0	102	78.3	116	0	0	0	

Sample ID: <b>1103O08-006AMS</b>	Client ID: <b>SJ-WASTE-06</b>	Units: <b>mg/L</b>				Prep Date: <b>03/29/2011</b>	Run No: <b>193580</b>				
SampleType: <b>MS</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>	BatchID: <b>144150</b>				Analysis Date: <b>03/29/2011</b>	Seq No: <b>4040388</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	16.80	2.5	25	0	67.2	48.8	171	0	0	0	
1,2-Dichloroethane	19.16	2.5	25	0	76.6	58.2	140	0	0	0	
2-Butanone	41.50	5.0	50	0	83	26.1	191	0	0	0	
Benzene	22.50	2.5	25	2.026	81.9	76.8	132	0	0	0	
Carbon tetrachloride	20.48	2.5	25	0	81.9	61	153	0	0	0	
Chlorobenzene	21.14	2.5	25	0	84.6	74.3	125	0	0	0	
Chloroform	20.44	2.5	25	0	81.8	63	135	0	0	0	
Tetrachloroethene	35.52	2.5	25	15.29	80.9	65.3	147	0	0	0	
Trichloroethene	21.45	2.5	25	0	85.8	70.7	140	0	0	0	
Vinyl chloride	16.22	1.0	25	0	64.9	36.3	174	0	0	0	
Surr: 4-Bromofluorobenzene	24.04	0	25	0	96.2	64.4	125	0	0	0	
Surr: Dibromofluoromethane	21.78	0	25	0	87.1	79.8	123	0	0	0	
Surr: Toluene-d8	24.28	0	25	0	97.1	78.3	116	0	0	0	

Sample ID: <b>1103O08-006AMSD</b>	Client ID: <b>SJ-WASTE-06</b>	Units: <b>mg/L</b>				Prep Date: <b>03/29/2011</b>	Run No: <b>193580</b>				
SampleType: <b>MSD</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>	BatchID: <b>144150</b>				Analysis Date: <b>03/29/2011</b>	Seq No: <b>4040389</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	16.21	2.5	25	0	64.8	48.8	171	16.80	3.61	30	
1,2-Dichloroethane	19.10	2.5	25	0	76.4	58.2	140	19.16	0.314	30	

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



Client: Tetra Tech EM Inc.  
Project Name: Sharpsburg Junkyard  
Workorder: 1103O08

ANALYTICAL QC SUMMARY REPORT

BatchID: 144150

Sample ID: 1103O08-006AMSD	Client ID: SJ-WASTE-06	Units: mg/L	Prep Date: 03/29/2011	Run No: 193580							
SampleType: MSD	TestCode: VOLATILES, TCLP SW1311/8260B	BatchID: 144150	Analysis Date: 03/29/2011	Seq No: 4040389							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2-Butanone	46.96	5.0	25	0	188	26.1	191	41.50	12.3	30	
Benzene	22.50	2.5	25	2.026	81.9	76.8	132	22.50	0	30	
Carbon tetrachloride	18.85	2.5	25	0	75.4	61	153	20.48	8.31	30	
Chlorobenzene	20.46	2.5	25	0	81.9	74.3	125	21.14	3.24	30	
Chloroform	20.53	2.5	25	0	82.1	63	135	20.44	0.439	30	
Tetrachloroethene	34.22	2.5	25	15.29	75.7	65.3	147	35.52	3.73	30	
Trichloroethene	20.48	2.5	25	0	81.9	70.7	140	21.45	4.65	30	
Vinyl chloride	15.76	1.0	25	0	63.1	36.3	174	16.22	2.81	30	
Surr: 4-Bromofluorobenzene	24.41	0	25	0	97.6	64.4	125	24.04	0	0	
Surr: Dibromofluoromethane	21.54	0	25	0	86.2	79.8	123	21.78	0	0	
Surr: Toluene-d8	24.28	0	25	0	97.1	78.3	116	24.28	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

**Client:** Tetra Tech EM Inc.  
**Project Name:** Sharpsburg Junkyard  
**Workorder:** 1103O08

**ANALYTICAL QC SUMMARY REPORT****BatchID: 144183**

Sample ID: <b>MB-144183</b>	Client ID:				Units: <b>mg/Kg</b>	Prep Date: <b>03/31/2011</b>	Run No: <b>193916</b>				
SampleType: <b>MBLK</b>	TestCode: <b>DIESEL RANGE ORGANICS</b>	<b>SW8015C</b>	BatchID: <b>144183</b>			Analysis Date: <b>04/01/2011</b>	Seq No: <b>4045625</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

TPH (Diesel Range Organics)	BRL	2000	0	0	0	0	0	0	0	0	
Surr: Diethylphthalate	276.2	0	250	0	110	30	130	0	0	0	

Sample ID: <b>LCS-144183</b>	Client ID:					Units: <b>mg/Kg</b>	Prep Date: <b>03/31/2011</b>	Run No: <b>193916</b>			
SampleType: <b>LCS</b>	TestCode: <b>DIESEL RANGE ORGANICS</b>	<b>SW8015C</b>	BatchID: <b>144183</b>				Analysis Date: <b>04/01/2011</b>	Seq No: <b>4045626</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

TPH (Diesel Range Organics)	2202	2000	2500	0	88.1	30	130	0	0	0	
Surr: Diethylphthalate	259.4	0	250	0	104	30	130	0	0	0	

Sample ID: <b>1103O08-008BMS</b>	Client ID: <b>SJ-WASTE-08</b>	Units: <b>mg/Kg</b>		Prep Date: <b>03/31/2011</b>	Run No: <b>193916</b>						
SampleType: <b>MS</b>	TestCode: <b>DIESEL RANGE ORGANICS SW8015C</b>	BatchID: <b>144183</b>		Analysis Date: <b>04/01/2011</b>	Seq No: <b>4045628</b>						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Diethylphthalate	305.0	0	247.5	0	123	30	130	0	0	0	
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Sample ID: <b>1103O08-008BMS</b>	Client ID: <b>SJ-WASTE-08</b>	Units: <b>mg/Kg</b>			Prep Date: <b>03/31/2011</b>	Run No: <b>193928</b>					
SampleType: <b>MS</b>	TestCode: <b>DIESEL RANGE ORGANICS SW8015C</b>	BatchID: <b>144183</b>			Analysis Date: <b>04/02/2011</b>	Seq No: <b>4046528</b>					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

TPH (Diesel Range Organics)	571500	40000	2475	571100	17.9	30	130	0	0	0	S
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Sample ID: <b>1103O08-008BMSD</b>	Client ID: <b>SJ-WASTE-08</b>	Units: <b>mg/Kg</b>			Prep Date: <b>03/31/2011</b>	Run No: <b>193916</b>					
SampleType: <b>MSD</b>	TestCode: <b>DIESEL RANGE ORGANICS SW8015C</b>	BatchID: <b>144183</b>			Analysis Date: <b>04/01/2011</b>	Seq No: <b>4045629</b>					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Diethylphthalate	309.4	0	247.5	0	125	30	130	305.0	0	0	
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<b>Qualifiers:</b>	> Greater than Result value	< Less than Result value	B Analyte detected in the associated method blank
	BRL Below reporting limit	E Estimated (value above quantitation range)	H Holding times for preparation or analysis exceeded
	J Estimated value detected below Reporting Limit	N Analyte not NELAC certified	R RPD outside limits due to matrix
	Rpt Lim Reporting Limit	S Spike Recovery outside limits due to matrix	

Client: Tetra Tech EM Inc.  
Project Name: Sharpsburg Junkyard  
Workorder: 1103O08

ANALYTICAL QC SUMMARY REPORT

BatchID: 144183

Sample ID: 1103O08-008BMSD	Client ID: SJ-WASTE-08	Units: mg/Kg	Prep Date: 03/31/2011	Run No: 193928							
SampleType: MSD	TestCode: DIESEL RANGE ORGANICS SW8015C	BatchID: 144183	Analysis Date: 04/02/2011	Seq No: 4046531							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

TPH (Diesel Range Organics)	605600	40000	2475	571100	1400	30	130	571500	5.8	40	S
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Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Sharpsburg Junkyard  
 Workorder: 1103O08

## ANALYTICAL QC SUMMARY REPORT

BatchID: 144186

Sample ID: <b>MB-144186</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193708</b>			
SampleType: <b>MBLK</b>	TestCode: <b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D</b>					BatchID: <b>144186</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4043822</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,4-Dichlorobenzene	BRL	0.10	0	0	0	0	0	0	0	0	
2,4,5-Trichlorophenol	BRL	0.10	0	0	0	0	0	0	0	0	
2,4,6-Trichlorophenol	BRL	0.10	0	0	0	0	0	0	0	0	
2,4-Dinitrotoluene	BRL	0.10	0	0	0	0	0	0	0	0	
Cresols, Total	BRL	0.10	0	0	0	0	0	0	0	0	
Hexachlorobenzene	BRL	0.10	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	BRL	0.10	0	0	0	0	0	0	0	0	
Hexachloroethane	BRL	0.10	0	0	0	0	0	0	0	0	
m,p-Cresol	BRL	0.10	0	0	0	0	0	0	0	0	
Nitrobenzene	BRL	0.10	0	0	0	0	0	0	0	0	
o-Cresol	BRL	0.10	0	0	0	0	0	0	0	0	
Pentachlorophenol	BRL	0.50	0	0	0	0	0	0	0	0	
Pyridine	BRL	0.10	0	0	0	0	0	0	0	0	
Surr: 2,4,6-Tribromophenol	0.9894	0	1	0	98.9	49.9	152	0	0	0	
Surr: 2-Fluorobiphenyl	0.5018	0	0.5	0	100	53.9	128	0	0	0	
Surr: 2-Fluorophenol	0.9264	0	1	0	92.6	46.7	126	0	0	0	
Surr: 4-Terphenyl-d14	0.5684	0	0.5	0	114	47.4	147	0	0	0	
Surr: Nitrobenzene-d5	0.5213	0	0.5	0	104	51.4	132	0	0	0	
Surr: Phenol-d5	0.8714	0	1	0	87.1	42.9	125	0	0	0	

Sample ID: <b>LCS-144186</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193708</b>			
SampleType: <b>LCS</b>	TestCode: <b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D</b>					BatchID: <b>144186</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4043823</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,4-Dichlorobenzene	0.9802	0.10	1	0	98	64.2	120	0	0	0	
2,4,5-Trichlorophenol	1.062	0.10	1	0	106	68.8	127	0	0	0	
2,4,6-Trichlorophenol	1.051	0.10	1	0	105	75	120	0	0	0	
2,4-Dinitrotoluene	1.101	0.10	1	0	110	67.3	115	0	0	0	*

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

**Client:** Tetra Tech EM Inc.  
**Project Name:** Sharpsburg Junkyard  
**Workorder:** 1103O08

**ANALYTICAL QC SUMMARY REPORT****BatchID: 144186**

Sample ID: <b>LCS-144186</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193708</b>			
SampleType: <b>LCS</b>	TestCode: <b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D</b>					BatchID: <b>144186</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4043823</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cresols, Total	3.222	0.10	3	0	107	72.3	112	0	0	0	
Hexachlorobenzene	1.079	0.10	1	0	108	72.6	126	0	0	0	*
Hexachlorobutadiene	0.9157	0.10	1	0	91.6	56	115	0	0	0	*
Hexachloroethane	1.009	0.10	1	0	101	59.3	110	0	0	0	
m,p-Cresol	2.134	0.10	2	0	107	72.3	113	0	0	0	
Nitrobenzene	1.172	0.10	1	0	117	68	117	0	0	0	S
o-Cresol	1.088	0.10	1	0	109	71.3	111	0	0	0	
Pentachlorophenol	0.7420	0.50	1	0	74.2	53.5	140	0	0	0	
Pyridine	0.4664	0.10	1	0	46.6	10	120	0	0	0	
Surr: 2,4,6-Tribromophenol	1.091	0	1	0	109	49.9	152	0	0	0	
Surr: 2-Fluorobiphenyl	0.5452	0	0.5	0	109	53.9	128	0	0	0	
Surr: 2-Fluorophenol	0.9828	0	1	0	98.3	46.7	126	0	0	0	
Surr: 4-Terphenyl-d14	0.5768	0	0.5	0	115	47.4	147	0	0	0	
Surr: Nitrobenzene-d5	0.6153	0	0.5	0	123	51.4	132	0	0	0	
Surr: Phenol-d5	0.9650	0	1	0	96.5	42.9	125	0	0	0	

Sample ID: <b>1103O08-001BMS</b>	Client ID: <b>SJ-WASTE-01</b>					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193708</b>			
SampleType: <b>MS</b>	TestCode: <b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D</b>					BatchID: <b>144186</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4043825</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,4-Dichlorobenzene	0.8170	0.50	1	0	81.7	59	120	0	0	0	
2,4,5-Trichlorophenol	0.8375	0.50	1	0	83.8	64.6	126	0	0	0	
2,4,6-Trichlorophenol	0.8485	0.50	1	0	84.8	69.4	120	0	0	0	
2,4-Dinitrotoluene	1.178	0.50	1	0	118	57.5	118	0	0	0	*
Cresols, Total	2.500	0.50	3	0	83.3	61.9	118	0	0	0	
Hexachlorobenzene	0.8115	0.50	1	0	81.2	65.4	125	0	0	0	*
Hexachlorobutadiene	0.7315	0.50	1	0	73.2	51.2	113	0	0	0	*
Hexachloroethane	0.8635	0.50	1	0	86.4	48.4	114	0	0	0	

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



Client: Tetra Tech EM Inc.  
Project Name: Sharpsburg Junkyard  
Workorder: 1103O08

ANALYTICAL QC SUMMARY REPORT

BatchID: 144186

Sample ID: <b>1103O08-001BMS</b>		Client ID: <b>SJ-WASTE-01</b>				Units: <b>mg/L</b>		Prep Date: <b>03/30/2011</b>		Run No: <b>193708</b>	
SampleType: <b>MS</b>		TestCode: <b>SEMIVOLATILES ORGANICS, TCLP SW1311/8270D</b>				BatchID: <b>144186</b>		Analysis Date: <b>03/30/2011</b>		Seq No: <b>4043825</b>	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
m,p-Cresol	1.748	0.50	2	0	87.4	63.6	118	0	0	0	
Nitrobenzene	0.9190	0.50	1	0	91.9	65.5	114	0	0	0	
o-Cresol	0.7520	0.50	1	0	75.2	64.1	112	0	0	0	
Pentachlorophenol	BRL	2.5	1	0	93.4	43.1	148	0	0	0	
Pyridine	BRL	0.50	1	0	0	10	120	0	0	0	S
Surr: 2,4,6-Tribromophenol	0.8110	0	1	0	81.1	49.9	152	0	0	0	
Surr: 2-Fluorobiphenyl	0.4315	0	0.5	0	86.3	53.9	128	0	0	0	
Surr: 2-Fluorophenol	0.8290	0	1	0	82.9	46.7	126	0	0	0	
Surr: 4-Terphenyl-d14	0.4385	0	0.5	0	87.7	47.4	147	0	0	0	
Surr: Nitrobenzene-d5	0.4650	0	0.5	0	93	51.4	132	0	0	0	
Surr: Phenol-d5	0.8390	0	1	0	83.9	42.9	125	0	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Sharpsburg Junkyard  
 Workorder: 1103O08

## ANALYTICAL QC SUMMARY REPORT

BatchID: 144215

Sample ID: <b>MB-144215</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193654</b>			
SampleType: <b>MBLK</b>	TestCode: <b>ICP METALS, TCLP SW1311/6010C</b>					BatchID: <b>144215</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4042551</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	0.250	0	0	0	0	0	0	0	0	
Barium	BRL	0.500	0	0	0	0	0	0	0	0	
Cadmium	BRL	0.0250	0	0	0	0	0	0	0	0	
Chromium	BRL	0.0500	0	0	0	0	0	0	0	0	
Lead	BRL	0.0500	0	0	0	0	0	0	0	0	
Selenium	BRL	0.100	0	0	0	0	0	0	0	0	
Silver	BRL	0.0250	0	0	0	0	0	0	0	0	

Sample ID: <b>LCS-144215</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193654</b>			
SampleType: <b>LCS</b>	TestCode: <b>ICP METALS, TCLP SW1311/6010C</b>					BatchID: <b>144215</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4042548</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	5.020	0.250	5	0	100	85	115	0	0	0	
Barium	4.778	0.500	5	0.009802	95.4	80	120	0	0	0	
Cadmium	4.924	0.0250	5	0	98.5	85	115	0	0	0	
Chromium	4.944	0.0500	5	0	98.9	85	115	0	0	0	
Lead	4.746	0.0500	5	0	94.9	85	115	0	0	0	
Selenium	5.152	0.100	5	0	103	85	115	0	0	0	
Silver	0.4952	0.0250	0.5	0	99	85	115	0	0	0	

Sample ID: <b>1103O08-001BMS</b>	Client ID: <b>SJ-WASTE-01</b>				Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193654</b>				
SampleType: <b>MS</b>	TestCode: <b>ICP METALS, TCLP SW1311/6010C</b>				BatchID: <b>144215</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4042557</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	4.978	0.250	5	0	99.6	50	150	0	0	0	
Barium	4.921	0.500	5	0.1292	95.8	50	150	0	0	0	
Cadmium	4.964	0.0250	5	0	99.3	50	150	0	0	0	
Chromium	4.992	0.0500	5	0.01107	99.6	50	150	0	0	0	

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Sharpsburg Junkyard  
 Workorder: 1103O08

## ANALYTICAL QC SUMMARY REPORT

BatchID: 144215

Sample ID: <b>1103O08-001BMS</b>	Client ID: <b>SJ-WASTE-01</b>				Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193654</b>				
SampleType: <b>MS</b>	TestCode: <b>ICP METALS, TCLP SW1311/6010C</b>				BatchID: <b>144215</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4042557</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	4.816	0.0500	5	0.07257	94.9	50	150	0	0	0	
Selenium	5.150	0.100	5	0	103	50	150	0	0	0	
Silver	0.4956	0.0250	0.5	0	99.1	50	150	0	0	0	

Sample ID: 1103O08-001BMSD	Client ID: SJ-WASTE-01	Units: mg/L				Prep Date: 03/30/2011	Run No: 193654				
SampleType: MSD	TestCode: ICP METALS, TCLP SW1311/6010C	BatchID: 144215				Analysis Date: 03/30/2011	Seq No: 4042559				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	4.988	0.250	5	0	99.8	50	150	4.978	0.204	30	
Barium	4.892	0.500	5	0.1292	95.3	50	150	4.921	0.591	30	
Cadmium	4.932	0.0250	5	0	98.6	50	150	4.964	0.645	30	
Chromium	4.979	0.0500	5	0.01107	99.4	50	150	4.992	0.266	30	
Lead	4.813	0.0500	5	0.07257	94.8	50	150	4.816	0.079	30	
Selenium	5.189	0.100	5	0	104	50	150	5.150	0.771	30	
Silver	0.4915	0.0250	0.5	0	98.3	50	150	0.4956	0.849	30	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Sharpsburg Junkyard  
 Workorder: 1103O08

## ANALYTICAL QC SUMMARY REPORT

BatchID: 144230

Sample ID: <b>MB-144230</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193662</b>			
SampleType: <b>MBLK</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144230</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4040915</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	0.10	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	BRL	0.10	0	0	0	0	0	0	0	0	
2-Butanone	BRL	0.20	0	0	0	0	0	0	0	0	
Benzene	BRL	0.10	0	0	0	0	0	0	0	0	
Carbon tetrachloride	BRL	0.10	0	0	0	0	0	0	0	0	
Chlorobenzene	BRL	0.10	0	0	0	0	0	0	0	0	
Chloroform	BRL	0.10	0	0	0	0	0	0	0	0	
Tetrachloroethene	BRL	0.10	0	0	0	0	0	0	0	0	
Trichloroethene	BRL	0.10	0	0	0	0	0	0	0	0	
Vinyl chloride	BRL	0.040	0	0	0	0	0	0	0	0	
Surr: 4-Bromofluorobenzene	0.8902	0	1	0	89	64.4	125	0	0	0	
Surr: Dibromofluoromethane	0.9650	0	1	0	96.5	79.8	123	0	0	0	
Surr: Toluene-d8	0.9136	0	1	0	91.4	78.3	116	0	0	0	

Sample ID: <b>LCS-144230</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193662</b>			
SampleType: <b>LCS</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144230</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4040912</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.8344	0.10	1	0	83.4	54.1	155	0	0	0	
1,2-Dichloroethane	0.8422	0.10	1	0	84.2	65.6	138	0	0	0	
2-Butanone	1.846	0.20	2	0	92.3	54.7	156	0	0	0	
Benzene	0.8338	0.10	1	0	83.4	75	131	0	0	0	
Carbon tetrachloride	0.8766	0.10	1	0	87.7	65.6	144	0	0	0	
Chlorobenzene	0.8040	0.10	1	0	80.4	76.8	122	0	0	0	
Chloroform	0.7766	0.10	1	0	77.7	65.8	130	0	0	0	
Tetrachloroethene	0.7854	0.10	1	0	78.5	64.7	138	0	0	0	
Trichloroethene	0.8004	0.10	1	0	80	68.1	134	0	0	0	
Vinyl chloride	0.9428	0.040	1	0	94.3	53.3	151	0	0	0	

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Sharpsburg Junkyard  
 Workorder: 1103O08

## ANALYTICAL QC SUMMARY REPORT

BatchID: 144230

Sample ID: <b>LCS-144230</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193662</b>			
SampleType: <b>LCS</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144230</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4040912</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: 4-Bromofluorobenzene	1.056	0	1	0	106	64.4	125	0	0	0	
Surr: Dibromofluoromethane	0.9320	0	1	0	93.2	79.8	123	0	0	0	
Surr: Toluene-d8	1.024	0	1	0	102	78.3	116	0	0	0	

Sample ID: <b>1103L78-001AMS</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193662</b>			
SampleType: <b>MS</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144230</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4042499</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.8662	0.10	1	0	86.6	48.8	171	0	0	0	
1,2-Dichloroethane	0.8832	0.10	1	0	88.3	58.2	140	0	0	0	
2-Butanone	2.021	0.20	2	0	101	26.1	191	0	0	0	
Benzene	0.8258	0.10	1	0	82.6	76.8	132	0	0	0	
Carbon tetrachloride	0.8516	0.10	1	0	85.2	61	153	0	0	0	
Chlorobenzene	0.8172	0.10	1	0	81.7	74.3	125	0	0	0	
Chloroform	0.9210	0.10	1	0.05020	87.1	63	135	0	0	0	
Tetrachloroethene	0.7710	0.10	1	0	77.1	65.3	147	0	0	0	
Trichloroethene	0.7856	0.10	1	0	78.6	70.7	140	0	0	0	
Vinyl chloride	0.9326	0.040	1	0	93.3	36.3	174	0	0	0	
Surr: 4-Bromofluorobenzene	1.071	0	1	0	107	64.4	125	0	0	0	
Surr: Dibromofluoromethane	0.9936	0	1	0	99.4	79.8	123	0	0	0	
Surr: Toluene-d8	1.017	0	1	0	102	78.3	116	0	0	0	

Sample ID: <b>1103L78-001ADUP</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193662</b>			
SampleType: <b>DUP</b>	TestCode: <b>VOLATILES, TCLP SW1311/8260B</b>					BatchID: <b>144230</b>	Analysis Date: <b>03/30/2011</b>	Seq No: <b>4042498</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	BRL	0.10	0	0	0	0	0	0	0	30	

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
Project Name: Sharpsburg Junkyard  
Workorder: 1103O08

ANALYTICAL QC SUMMARY REPORT

BatchID: 144230

Sample ID: 1103L78-001ADUP	Client ID:	Units: mg/L				Prep Date: 03/30/2011	Run No: 193662				
SampleType: DUP	TestCode: VOLATILES, TCLP SW1311/8260B	BatchID: 144230				Analysis Date: 03/30/2011	Seq No: 4042498				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2-Butanone	BRL	0.20	0	0	0	0	0	0	0	30	
Benzene	BRL	0.10	0	0	0	0	0	0	0	30	
Carbon tetrachloride	BRL	0.10	0	0	0	0	0	0	0	30	
Chlorobenzene	BRL	0.10	0	0	0	0	0	0	0	30	
Chloroform	BRL	0.10	0	0	0	0	0	0.05020	0	30	
Tetrachloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
Trichloroethene	BRL	0.10	0	0	0	0	0	0	0	30	
Vinyl chloride	BRL	0.040	0	0	0	0	0	0	0	30	
Surr: 4-Bromofluorobenzene	0.9728	0	1	0	97.3	64.4	125	0.9118	0	0	
Surr: Dibromofluoromethane	0.9944	0	1	0	99.4	79.8	123	0.9766	0	0	
Surr: Toluene-d8	0.9316	0	1	0	93.2	78.3	116	0.9114	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



Client: Tetra Tech EM Inc.  
Project Name: Sharpsburg Junkyard  
Workorder: 1103O08

ANALYTICAL QC SUMMARY REPORT

BatchID: 144266

Sample ID: <b>MB-144266</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193852</b>			
SampleType: <b>MBLK</b>	TestCode: <b>MERCURY, TCLP</b>	<b>SW1311/7470A</b>				BatchID: <b>144266</b>	Analysis Date: <b>03/31/2011</b>	Seq No: <b>4044459</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	BRL	0.00400	0	0	0	0	0	0	0	0	
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Sample ID: <b>LCS-144266</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/30/2011</b>	Run No: <b>193852</b>			
SampleType: <b>LCS</b>	TestCode: <b>MERCURY, TCLP SW1311/7470A</b>					BatchID: <b>144266</b>	Analysis Date: <b>03/31/2011</b>	Seq No: <b>4044460</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.03430	0.00400	0.04	0	85.8	80	120	0	0	0	
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Sample ID: 1103O08-008BMS	Client ID: SJ-WASTE-08	Units: mg/L	Prep Date: 03/30/2011	Run No: 193852							
SampleType: MS	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 144266	Analysis Date: 03/31/2011	Seq No: 4045316							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.4341	0.0800	0.4	0	109	80	120	0	0	0	
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Sample ID: 1103O08-008BMSD	Client ID: SJ-WASTE-08	Units: mg/L	Prep Date: 03/30/2011	Run No: 193852							
SampleType: MSD	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 144266	Analysis Date: 03/31/2011	Seq No: 4045315							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.4820	0.0400	0.4	0	121	80	120	0.4341	10.5	20	S
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Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Sharpsburg Junkyard  
 Workorder: 1103O08

## ANALYTICAL QC SUMMARY REPORT

BatchID: 144281

Sample ID: <b>MB-144281</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/31/2011</b>	Run No: <b>193841</b>			
SampleType: <b>MBLK</b>	TestCode: <b>MERCURY, TCLP SW1311/7470A</b>					BatchID: <b>144281</b>	Analysis Date: <b>03/31/2011</b>	Seq No: <b>4044398</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	BRL	0.00400	0	0	0	0	0	0	0	0	
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Sample ID: <b>LCS-144281</b>	Client ID:					Units: <b>mg/L</b>	Prep Date: <b>03/31/2011</b>	Run No: <b>193841</b>			
SampleType: <b>LCS</b>	TestCode: <b>MERCURY, TCLP SW1311/7470A</b>					BatchID: <b>144281</b>	Analysis Date: <b>03/31/2011</b>	Seq No: <b>4044399</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.03977	0.00400	0.04	0	99.4	80	120	0	0	0	
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Sample ID: <b>1103O08-001BMS</b>	Client ID: <b>SJ-WASTE-01</b>	Units: <b>mg/L</b>				Prep Date: <b>03/31/2011</b>	Run No: <b>193841</b>				
SampleType: <b>MS</b>	TestCode: <b>MERCURY, TCLP SW1311/7470A</b>	BatchID: <b>144281</b>				Analysis Date: <b>03/31/2011</b>	Seq No: <b>4044406</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.03916	0.00400	0.04	0	97.9	80	120	0	0	0	
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Sample ID: <b>1103O08-001BMSD</b>	Client ID: <b>SJ-WASTE-01</b>					Units: <b>mg/L</b>	Prep Date: <b>03/31/2011</b>	Run No: <b>193841</b>			
SampleType: <b>MSD</b>	TestCode: <b>MERCURY, TCLP SW1311/7470A</b>					BatchID: <b>144281</b>	Analysis Date: <b>03/31/2011</b>	Seq No: <b>4044409</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury	0.04012	0.00400	0.04	0	100	80	120	0.03916	2.43	20	
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<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
 Project Name: Sharpsburg Junkyard  
 Workorder: 1103O08

## ANALYTICAL QC SUMMARY REPORT

BatchID: 144311

Sample ID: <b>MB-144311</b>	Client ID:				Units: <b>mg/Kg</b>	Prep Date: <b>03/31/2011</b>	Run No: <b>193878</b>				
SampleType: <b>MBLK</b>	TestCode: <b>GASOLINE RANGE ORGANICS</b>	<b>SW8015C</b>	BatchID: <b>144311</b>			Analysis Date: <b>03/31/2011</b>	Seq No: <b>4044978</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

TPH (Gasoline Range Organics)	BRL	25	0	0	0	0	0	0	0	0	
Surr: a.a.a-trifluorotoluene	2.922	0	2.5	0	117	41.8	130	0	0	0	

Sample ID: <b>LCS-144311</b>	Client ID:				Units: <b>mg/Kg</b>	Prep Date: <b>03/31/2011</b>	Run No: <b>193878</b>				
SampleType: <b>LCS</b>	TestCode: <b>GASOLINE RANGE ORGANICS</b>	<b>SW8015C</b>	BatchID: <b>144311</b>			Analysis Date: <b>03/31/2011</b>	Seq No: <b>4044975</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

TPH (Gasoline Range Organics)	112.3	25	100	0	112	60.3	120	0	0	0	
Surr: a.a.a-trifluorotoluene	3.228	0	2.5	0	129	41.8	130	0	0	0	

Sample ID: <b>1103O30-023AMS</b>	Client ID:				Units: <b>mg/Kg-dry</b>	Prep Date: <b>03/31/2011</b>	Run No: <b>193878</b>				
SampleType: <b>MS</b>	TestCode: <b>GASOLINE RANGE ORGANICS</b>	<b>SW8015C</b>	BatchID: <b>144311</b>			Analysis Date: <b>04/01/2011</b>	Seq No: <b>4047073</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

TPH (Gasoline Range Organics)	19650	4300	17010	0	115	51.9	125	0	0	0	
Surr: a.a.a-trifluorotoluene	510.4	0	425.3	0	120	41.8	130	0	0	0	

Sample ID: <b>1103O30-023AMSD</b>	Client ID:					Units: <b>mg/Kg-dry</b>	Prep Date: <b>03/31/2011</b>	Run No: <b>193878</b>			
SampleType: <b>MSD</b>	TestCode: <b>GASOLINE RANGE ORGANICS</b>	<b>SW8015C</b>	BatchID: <b>144311</b>				Analysis Date: <b>04/01/2011</b>	Seq No: <b>4047078</b>			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

TPH (Gasoline Range Organics)	17040	4300	17010	0	100	51.9	125	19650	14.2	17.7	
Surr: a.a.a-trifluorotoluene	519.4	0	425.3	0	122	41.8	130	510.4	0	0	

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
Project Name: Sharpsburg Junkyard  
Workorder: 1103O08

ANALYTICAL QC SUMMARY REPORT

BatchID: 144360

Sample ID: <b>LCS-144360</b>	Client ID:	Units: <b>pH Units</b>				Prep Date: <b>04/01/2011</b>	Run No: <b>193904</b>				
SampleType: <b>LCS</b>	TestCode: <b>Laboratory Hydrogen Ion (pH) SW9045D</b>	BatchID: <b>144360</b>				Analysis Date: <b>04/01/2011</b>	Seq No: <b>4048006</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

pH	7.040	0.01	7	0	101	90	110	0	0	0	
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Sample ID: 1103O08-001BDUP	Client ID: SJ-WASTE-01	Units: pH Units			Prep Date: 04/01/2011	Run No: 193904					
SampleType: DUP	TestCode: Laboratory Hydrogen Ion (pH) SW9045D	BatchID: 144360			Analysis Date: 04/01/2011	Seq No: 4045490					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

pH	3.610	0.01	0	0	0	0	0	3.600	0.277	20	H
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Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
Project Name: Sharpsburg Junkyard  
Workorder: 1103O08

ANALYTICAL QC SUMMARY REPORT

BatchID: R193844

Sample ID: <b>LCS-R193844</b>		Client ID:			Units: <b>°F</b>		Prep Date:		Run No: <b>193844</b>		
SampleType: <b>LCS</b>		TestCode: <b>Ignitability SW1010</b>			BatchID: <b>R193844</b>		Analysis Date: <b>03/31/2011</b>		Seq No: <b>4044168</b>		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ignitability	80.00	0	80	0	100	93.8	106.2	0	0	0	
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Sample ID: <b>1103Q54-001ADUP</b>	Client ID:					Units: <b>°F</b>	Prep Date:			Run No: <b>193844</b>	
SampleType: <b>DUP</b>	TestCode: <b>Ignitability SW1010</b>					BatchID: <b>R193844</b>	Analysis Date: <b>03/31/2011</b>			Seq No: <b>4044170</b>	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Ignitability	180.0	0	0	0	0	0	0	180.0	0	20	>
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Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
Project Name: Sharpsburg Junkyard  
Workorder: 1103O08

ANALYTICAL QC SUMMARY REPORT

BatchID: R193884

Sample ID: 1103O08-008BDUP					Client ID: SJ-WASTE-08			Units: BTU/lb		Prep Date:		Run No: 193884	
SampleType: DUP					TestCode: BTU ASTM D-240			BatchID: R193884		Analysis Date: 03/31/2011		Seq No: 4045116	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual		
BTU	12270	0	0	0	0	0	0	13150	6.94	20			

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



01 April 2011

James Forrest  
AES, Inc.  
3785 Presidential Parkway  
Atlanta, GA 30340

RE: TOX  
1103008

Enclosed are the results of analyses for samples received by the laboratory on 03/29/11 13:30. If you have any questions concerning this report, please feel free to contact me at 1-800-858-5227.

**ANALYTICAL REPORT FOR SAMPLES**

<b>Client Sample ID</b>	<b>Laboratory ID</b>	<b>Matrix</b>	<b>Date Sampled</b>	<b>Date Received</b>
SJ-Waste-01	11C1359-01	Solid	03/25/11 17:00	03/29/11 13:30
SJ-Waste-02	11C1359-02	Solid	03/25/11 17:00	03/29/11 13:30
SJ-Waste-03	11C1359-03	Other	03/25/11 17:00	03/29/11 13:30
SJ-Waste-04	11C1359-04	Other	03/25/11 17:00	03/29/11 13:30
SJ-Waste-05	11C1359-05	Other	03/25/11 17:00	03/29/11 13:30
SJ-Waste-06	11C1359-06	Other	03/25/11 17:00	03/29/11 13:30
SJ-Waste-07	11C1359-07	Other	03/25/11 17:00	03/29/11 13:30
SJ-Waste-08	11C1359-08	Other	03/25/11 17:00	03/29/11 13:30

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

CHAIN OF CUSTODY

Work Order: 11C1359 of  
Date: 11/13/09

ANALYTICAL ENVIRONMENTAL SERVICES, INC.  
3785 Presidential Parkway, Atlanta GA 30340-3704  
TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188



COMPANY: Analytical Environmental Services  
ADDRESS: 30 address above  
PHONE: \_\_\_\_\_  
FAX: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_

#	SAMPLE ID	SAMPLED			DATE	TIME	Grab	Composite	Matrix	ANALYSIS REQUESTED	PRESERVATION (See codes)	REMARKS	No # of Containers
		DATE	TIME	Grab									
1	SJ-Waste-01	3/28/11	1700				X	Waste	X			High Concentration	01
2	SJ-Waste-02								X				02
3	SJ-Waste-03								X				03
4	SJ-Waste-04								X				04
5	SJ-Waste-05								X				05
6	SJ-Waste-06								X				06
7	SJ-Waste-07								X				07
8	SJ-Waste-08								X				08
9													
10													
11													
12													
13													
14													

RELINQUISHED BY: May 3/28/11 5:00  
DATE/TIME RECEIVED BY: 1103008  
PROJECT NAME: 1103008  
PROJECT #: 1103008  
SITE ADDRESS: 30 address above  
SEND REPORT TO: shall@aesatlanta.com  
INVOICE TO: jforrest@aesatlanta.com  
(IF DIFFERENT FROM ABOVE)  
QUOTE #: \_\_\_\_\_  
FO#: \_\_\_\_\_  
DATA PACKAGE: I II III IV  
E-mail? Y/N: \_\_\_\_\_ Fax? Y/N: \_\_\_\_\_  
STATE PROGRAM (if any): \_\_\_\_\_  
Other: 3 days due 4/1/11  
RECEIPT: Total # of Containers: 8  
Turnaround Time Request: 3 days  
Standard 5 Business Days  
2 Business Day Rush  
Next Business Day Rush  
Same Day Rush (with req)  
Other: 3 days due 4/1/11

SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.  
SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.  
MATRIX CODES: A = Air GW = Groundwater SE = Sediment SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) WW = Waste Water  
PRESERVATIVE CODES: H+1 = Hydrochloric acid + ice I = Ice only N = Nitric acid S+1 = Sulfuric acid + ice S+M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

**SJ-Waste-01**  
**11C1359-01 (Solid)**

**Date Sampled: 3/25/2011 5:00:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Keystone Laboratories, Inc. - Newton**

**Determination of Conventional Chemistry Parameters**

<b>Extractable Organic Halogens (EOX)</b>	<b>39</b>	10	mg/kg	1	1C13151	03/31/11	03/31/11 18:33	EPA 9023	
<b>Solids, total</b>	<b>62.3</b>	0.02	%	"	1C13120	03/31/11	03/31/11 20:14	SM 2540G	

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

**SJ-Waste-02**  
**11C1359-02 (Solid)**

**Date Sampled: 3/25/2011 5:00:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Keystone Laboratories, Inc. - Newton**

**Determination of Conventional Chemistry Parameters**

<b>Extractable Organic Halogens (EOX)</b>	<b>36</b>	10	mg/kg	1	1C13151	03/31/11	03/31/11 18:33	EPA 9023	
<b>Solids, total</b>	<b>61.0</b>	0.02	%	"	1C13120	03/31/11	03/31/11 20:14	SM 2540G	

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

**SJ-Waste-03**  
**11C1359-03 (Other)**

**Date Sampled: 3/25/2011 5:00:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Keystone Laboratories, Inc. - Newton**

**Determination of Conventional Chemistry Parameters**

Total Halogens (TX)	ND	10	mg/kg	1	1C13152	03/31/11	03/31/11 19:01	EPA 9076	
Solids, total	2.0	0.02	%	"	1C13120	03/31/11	03/31/11 20:14	SM 2540G	

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

**SJ-Waste-04**

**11C1359-04 (Other)**

**Date Sampled: 3/25/2011 5:00:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Keystone Laboratories, Inc. - Newton**

**Determination of Conventional Chemistry Parameters**

<b>Total Halogens (TX)</b>	<b>4690</b>	10	mg/kg	1	1C13152	03/31/11	03/31/11 19:01	EPA 9076	
<b>Solids, total</b>	<b>60.0</b>	0.02	%	"	1C13120	03/31/11	03/31/11 20:14	SM 2540G	



AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

**SJ-Waste-05**  
**11C1359-05 (Other)**

**Date Sampled: 3/25/2011 5:00:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Keystone Laboratories, Inc. - Newton**

**Determination of Conventional Chemistry Parameters**

<b>Extractable Organic Halogens (EOX)</b>	<b>49300</b>	10	mg/kg	1	1C13151	03/31/11	03/31/11 18:33	EPA 9023	
<b>Solids, total</b>	<b>51.7</b>	0.02	%	"	1C13120	03/31/11	03/31/11 20:14	SM 2540G	

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

**SJ-Waste-06**  
**11C1359-06 (Other)**

**Date Sampled: 3/25/2011 5:00:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Keystone Laboratories, Inc. - Newton**

**Determination of Conventional Chemistry Parameters**

<b>Total Halogens (TX)</b>	<b>255</b>	10	mg/kg	1	1C13152	03/31/11	03/31/11 19:01	EPA 9076	
<b>Solids, total</b>	<b>48.9</b>	0.02	%	"	1C13120	03/31/11	03/31/11 20:14	SM 2540G	

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

**SJ-Waste-07**  
**11C1359-07 (Other)**

**Date Sampled: 3/25/2011 5:00:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Keystone Laboratories, Inc. - Newton**

**Determination of Conventional Chemistry Parameters**

<b>Total Halogens (TX)</b>	<b>242</b>	10	mg/kg	1	1C13152	03/31/11	03/31/11 19:01	EPA 9076	
<b>Solids, total</b>	<b>74.8</b>	0.02	%	"	1C13120	03/31/11	03/31/11 20:14	SM 2540G	

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

**SJ-Waste-08**  
**11C1359-08 (Other)**

**Date Sampled: 3/25/2011 5:00:00PM**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Keystone Laboratories, Inc. - Newton**

**Determination of Conventional Chemistry Parameters**

<b>Total Halogens (TX)</b>	<b>188</b>	10	mg/kg	1	1C13152	03/31/11	03/31/11 19:01	EPA 9076	
<b>Solids, total</b>	<b>49.3</b>	0.02	%	"	1C13120	03/31/11	03/31/11 20:14	SM 2540G	

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

### Determination of Conventional Chemistry Parameters - Quality Control

#### Keystone Laboratories, Inc. - Newton

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 1C13120 - Wet Chem Preparation

<b>Duplicate (1C13120-DUP1)</b>	<b>Source: 11C1359-01</b>			Prepared & Analyzed: 03/31/11						
Solids, total	67.8	0.02	%		62.3			8.42	20	

#### Batch 1C13151 - TOX/TX/EOX

<b>Blank (1C13151-BLK1)</b>	Prepared & Analyzed: 03/31/11									
Extractable Organic Halogens (EOX)	ND	10	mg/kg							

<b>LCS (1C13151-BS1)</b>	Prepared & Analyzed: 03/31/11									
Extractable Organic Halogens (EOX)	98.9	10	mg/kg	109.470		90.3	83-125			

<b>Matrix Spike (1C13151-MS1)</b>	<b>Source: 11C1359-02</b>			Prepared & Analyzed: 03/31/11						
Extractable Organic Halogens (EOX)	134.4	10	mg/kg	104.257	35.7	94.7	59-138			

<b>Matrix Spike Dup (1C13151-MSD1)</b>	<b>Source: 11C1359-02</b>			Prepared & Analyzed: 03/31/11						
Extractable Organic Halogens (EOX)	150.3	10	mg/kg	107.324	35.7	107	59-138	11.1	23	

<b>Reference (1C13151-SRM1)</b>	Prepared & Analyzed: 03/31/11									
Extractable Organic Halogens (EOX)	105.9		mg/kg	108.600		97.5	90-110			

<b>Reference (1C13151-SRM2)</b>	Prepared & Analyzed: 03/31/11									
Extractable Organic Halogens (EOX)	102.4		mg/kg	108.600		94.3	90-110			

#### Batch 1C13152 - TOX/TX/EOX

<b>Blank (1C13152-BLK1)</b>	Prepared & Analyzed: 03/31/11									
Total Halogens (TX)	ND	10	mg/kg							

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

### Determination of Conventional Chemistry Parameters - Quality Control

#### Keystone Laboratories, Inc. - Newton

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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#### Batch 1C13152 - TOX/TX/EOX

##### LCS (1C13152-BS1)

Prepared & Analyzed: 03/31/11

Total Halogens (TX)	1038		mg/kg	1070.10	97.0	77-110
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##### Duplicate (1C13152-DUP1)

Source: 11C1359-03

Prepared & Analyzed: 03/31/11

Total Halogens (TX)	ND	10	mg/kg	ND		21
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##### Matrix Spike (1C13152-MS1)

Source: 11C1359-03

Prepared & Analyzed: 03/31/11

Total Halogens (TX)	919.9		mg/kg	1070.10	ND	86.0	69-119
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##### Reference (1C13152-SRM1)

Prepared & Analyzed: 03/31/11

Total Halogens (TX)	1030		mg/kg	1047.00	98.3	90-110
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#### Certified Analyses Included in This Report

##### Method/Matrix

##### Analyte

##### Certifications

EPA 9023 in Solid

Extractable Organic Halogens (EOX)

NELAC,KS-NT

Code	Certifying Authority	Certificate Number	Expires
KS-KC	Kansas Department of Health and Environment-KC	E-10110	04/30/2011
KS-NT	Kansas Department of Health and Environment	E-10287	10/30/2011
NELAC	New Jersey Department of Environmental Protection	IA001	06/30/2011
SIA1X	Iowa Department of Natural Resources	95	02/01/2012

AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference



AES, Inc.  
3785 Presidential Parkway  
Atlanta GA, 30340

Project: TOX  
Project Number: 1103008  
Project Manager: James Forrest

Reported  
04/01/11 10:07

*Sue Thompson*

Sue Thompson  
Project Manager I



## ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 11, 2011

Jessica Vickers  
Tetra Tech EM Inc.  
1955 Evergreen Blvd.  
Duluth GA 30096

TEL: (678) 775-3104  
FAX: (678) 775-3138

RE: Sharpsburg Junkyard

Dear Jessica Vickers:

Order No: 1105568

Analytical Environmental Services, Inc. received 8 samples on 3/25/2011 6:40:00 PM for the analyses presented in following report.

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

AES' certifications are as follows:

- NELAC/Florida Certification number E87582 for analysis of Environmental Water, soil/hazardous waste, and Drinking Water Microbiology, effective 07/01/10-06/30/11.
- AIHA Certification ID #100671 for Industrial Hygiene samples (Organics, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) effective until 09/01/11.

These results relate only to the items tested. This report may only be reproduced in full.

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

Sharissa Hall  
Project Manager



**Client:** Tetra Tech EM Inc.  
**Project:** Sharpsburg Junkyard  
**Lab ID:** 1105568

**Case Narrative**

Per Chuck Ferry via phone 5/6/2011 the following samples were analyzed for PCBs at 2 Day TAT:

SJ-WASTE-01  
SJ-WASTE-02  
SJ-WASTE-03  
SJ-WASTE-04  
SJ-WASTE-05  
SJ-WASTE-06  
SJ-WASTE-07  
SJ-WASTE-08

PCB Analysis by Method 8082:

Aroclor values in samples 1105568-001A, -002A, -003A, -004A, -005A, -006A, -007A and -008A are reported biased low due to low recoveries in the closing CCVs. These low recoveries in the closing CCVs are suspected to be due to interference from the matrix of the samples. The samples were rerun and received the same result.

## Analytical Environmental Services, Inc

Date: 11-May-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-01
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1105568-001	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>POLYCHLORINATED BIPHENYLS SW8082A</b>				<b>(SW3580)</b>				
Aroclor 1016	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:16	KD
Aroclor 1221	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:16	KD
Aroclor 1232	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:16	KD
Aroclor 1242	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:16	KD
Aroclor 1248	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:16	KD
Aroclor 1254	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:16	KD
Aroclor 1260	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:16	KD
Surr: Decachlorobiphenyl	1360	40.7-175	S	%REC	146111	1	05/10/2011 16:16	KD
Surr: Tetrachloro-m-xylene	91.3	57.9-188		%REC	146111	1	05/10/2011 16:16	KD

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

## Analytical Environmental Services, Inc

Date: 11-May-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-02
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1105568-002	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>POLYCHLORINATED BIPHENYLS SW8082A</b>					<b>(SW3580)</b>			
Aroclor 1016	BRL	0.95		mg/Kg	146111	1	05/10/2011 15:42	KD
Aroclor 1221	BRL	0.95		mg/Kg	146111	1	05/10/2011 15:42	KD
Aroclor 1232	BRL	0.95		mg/Kg	146111	1	05/10/2011 15:42	KD
Aroclor 1242	BRL	0.95		mg/Kg	146111	1	05/10/2011 15:42	KD
Aroclor 1248	BRL	0.95		mg/Kg	146111	1	05/10/2011 15:42	KD
Aroclor 1254	BRL	0.95		mg/Kg	146111	1	05/10/2011 15:42	KD
Aroclor 1260	BRL	0.95		mg/Kg	146111	1	05/10/2011 15:42	KD
Surr: Decachlorobiphenyl	131	40.7-175		%REC	146111	1	05/10/2011 15:42	KD
Surr: Tetrachloro-m-xylene	90.9	57.9-188		%REC	146111	1	05/10/2011 15:42	KD

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

## Analytical Environmental Services, Inc

Date: 11-May-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-03
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1105568-003	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>POLYCHLORINATED BIPHENYLS</b>		<b>SW8082A</b>			<b>(SW3580)</b>			
Aroclor 1016	BRL	0.98		mg/Kg	146111	1	05/10/2011 16:27	KD
Aroclor 1221	BRL	0.98		mg/Kg	146111	1	05/10/2011 16:27	KD
Aroclor 1232	BRL	0.98		mg/Kg	146111	1	05/10/2011 16:27	KD
Aroclor 1242	BRL	0.98		mg/Kg	146111	1	05/10/2011 16:27	KD
Aroclor 1248	BRL	0.98		mg/Kg	146111	1	05/10/2011 16:27	KD
Aroclor 1254	BRL	0.98		mg/Kg	146111	1	05/10/2011 16:27	KD
Aroclor 1260	BRL	0.98		mg/Kg	146111	1	05/10/2011 16:27	KD
Surr: Decachlorobiphenyl	84.4	40.7-175		%REC	146111	1	05/10/2011 16:27	KD
Surr: Tetrachloro-m-xylene	91.5	57.9-188		%REC	146111	1	05/10/2011 16:27	KD

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit



**Analytical Environmental Services, Inc**
**Date:** 11-May-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-04
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1105568-004	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>POLYCHLORINATED BIPHENYLS SW8082A</b>					<b>(SW3580)</b>			
Aroclor 1016	BRL	0.95		mg/Kg	146111	1	05/10/2011 16:39	KD
Aroclor 1221	BRL	0.95		mg/Kg	146111	1	05/10/2011 16:39	KD
Aroclor 1232	BRL	0.95		mg/Kg	146111	1	05/10/2011 16:39	KD
Aroclor 1242	BRL	0.95		mg/Kg	146111	1	05/10/2011 16:39	KD
Aroclor 1248	BRL	0.95		mg/Kg	146111	1	05/10/2011 16:39	KD
Aroclor 1254	BRL	0.95		mg/Kg	146111	1	05/10/2011 16:39	KD
Aroclor 1260	BRL	0.95		mg/Kg	146111	1	05/10/2011 16:39	KD
Surr: Decachlorobiphenyl	89.5	40.7-175		%REC	146111	1	05/10/2011 16:39	KD
Surr: Tetrachloro-m-xylene	80.6	57.9-188		%REC	146111	1	05/10/2011 16:39	KD

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

## Analytical Environmental Services, Inc

Date: 11-May-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-05
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1105568-005	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>POLYCHLORINATED BIPHENYLS SW8082A</b>					<b>(SW3580)</b>			
Aroclor 1016	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:50	KD
Aroclor 1221	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:50	KD
Aroclor 1232	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:50	KD
Aroclor 1242	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:50	KD
Aroclor 1248	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:50	KD
Aroclor 1254	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:50	KD
Aroclor 1260	BRL	0.99		mg/Kg	146111	1	05/10/2011 16:50	KD
Surr: Decachlorobiphenyl	97.5	40.7-175		%REC	146111	1	05/10/2011 16:50	KD
Surr: Tetrachloro-m-xylene	101	57.9-188		%REC	146111	1	05/10/2011 16:50	KD

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

## Analytical Environmental Services, Inc

Date: 11-May-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-06
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1105568-006	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>POLYCHLORINATED BIPHENYLS SW8082A</b>					<b>(SW3580)</b>			
Aroclor 1016	BRL	0.99		mg/Kg	146111	1	05/10/2011 17:01	KD
Aroclor 1221	BRL	0.99		mg/Kg	146111	1	05/10/2011 17:01	KD
Aroclor 1232	BRL	0.99		mg/Kg	146111	1	05/10/2011 17:01	KD
Aroclor 1242	BRL	0.99		mg/Kg	146111	1	05/10/2011 17:01	KD
Aroclor 1248	BRL	0.99		mg/Kg	146111	1	05/10/2011 17:01	KD
Aroclor 1254	BRL	0.99		mg/Kg	146111	1	05/10/2011 17:01	KD
Aroclor 1260	BRL	0.99		mg/Kg	146111	1	05/10/2011 17:01	KD
Surr: Decachlorobiphenyl	53.7	40.7-175		%REC	146111	1	05/10/2011 17:01	KD
Surr: Tetrachloro-m-xylene	91.5	57.9-188		%REC	146111	1	05/10/2011 17:01	KD

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc****Date:** 11-May-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-07
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1105568-007	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>POLYCHLORINATED BIPHENYLS SW8082A</b>					<b>(SW3580)</b>			
Aroclor 1016	BRL	0.95		mg/Kg	146111	1	05/10/2011 17:12	KD
Aroclor 1221	BRL	0.95		mg/Kg	146111	1	05/10/2011 17:12	KD
Aroclor 1232	BRL	0.95		mg/Kg	146111	1	05/10/2011 17:12	KD
Aroclor 1242	BRL	0.95		mg/Kg	146111	1	05/10/2011 17:12	KD
Aroclor 1248	BRL	0.95		mg/Kg	146111	1	05/10/2011 17:12	KD
Aroclor 1254	BRL	0.95		mg/Kg	146111	1	05/10/2011 17:12	KD
Aroclor 1260	BRL	0.95		mg/Kg	146111	1	05/10/2011 17:12	KD
Surr: Decachlorobiphenyl	73.5	40.7-175		%REC	146111	1	05/10/2011 17:12	KD
Surr: Tetrachloro-m-xylene	107	57.9-188		%REC	146111	1	05/10/2011 17:12	KD

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Analytical Environmental Services, Inc**
**Date:** 11-May-11

<b>Client:</b> Tetra Tech EM Inc.	<b>Client Sample ID:</b> SJ-WASTE-08
<b>Project Name:</b> Sharpsburg Junkyard	<b>Collection Date:</b> 3/25/2011 5:00:00 PM
<b>Lab ID:</b> 1105568-008	<b>Matrix:</b> Waste

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>POLYCHLORINATED BIPHENYLS SW8082A</b>					<b>(SW3580)</b>			
Aroclor 1016	BRL	0.97		mg/Kg	146111	1	05/10/2011 14:08	KD
Aroclor 1221	BRL	0.97		mg/Kg	146111	1	05/10/2011 14:08	KD
Aroclor 1232	BRL	0.97		mg/Kg	146111	1	05/10/2011 14:08	KD
Aroclor 1242	BRL	0.97		mg/Kg	146111	1	05/10/2011 14:08	KD
Aroclor 1248	BRL	0.97		mg/Kg	146111	1	05/10/2011 14:08	KD
Aroclor 1254	BRL	0.97		mg/Kg	146111	1	05/10/2011 14:08	KD
Aroclor 1260	BRL	0.97		mg/Kg	146111	1	05/10/2011 14:08	KD
Surr: Decachlorobiphenyl	87.9	40.7-175		%REC	146111	1	05/10/2011 14:08	KD
Surr: Tetrachloro-m-xylene	87.8	57.9-188		%REC	146111	1	05/10/2011 14:08	KD

**Qualifiers:**

- \* Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client Telarc tca Work Order Number 1105568  
~~11030008~~ 3/6/11

Checklist completed by Made Signature Date 3/25/11

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

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

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

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

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

Cooler #1 Amk Cooler #2 ☐ Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

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

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

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☐ No ☒

Was TAT marked on the COC? Yes ☒ No ☐

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

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

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

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

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

See Case Narrative for resolution of the Non-Conformance.

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

\\Quality Assurance\Checklists Procedures Sign-Off Templates\Checklists\Sample Receipt Checklists\Sample\_Cooler\_Receipt\_Checklist

**Client:** Tetra Tech EM Inc.  
**Project:** Sharpsburg Junkyard  
**Lab Order:** 1105568

**Dates Report**

Lab Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
1105568-001A	SJ-WASTE-01	3/25/2011 5:00:00PM	Waste	POLYCHLORINATED BIPHENYLS		05/09/2011	05/10/2011
1105568-002A	SJ-WASTE-02	3/25/2011 5:00:00PM	Waste	POLYCHLORINATED BIPHENYLS		05/09/2011	05/10/2011
1105568-003A	SJ-WASTE-03	3/25/2011 5:00:00PM	Waste	POLYCHLORINATED BIPHENYLS		05/09/2011	05/10/2011
1105568-004A	SJ-WASTE-04	3/25/2011 5:00:00PM	Waste	POLYCHLORINATED BIPHENYLS		05/09/2011	05/10/2011
1105568-005A	SJ-WASTE-05	3/25/2011 5:00:00PM	Waste	POLYCHLORINATED BIPHENYLS		05/09/2011	05/10/2011
1105568-006A	SJ-WASTE-06	3/25/2011 5:00:00PM	Waste	POLYCHLORINATED BIPHENYLS		05/09/2011	05/10/2011
1105568-007A	SJ-WASTE-07	3/25/2011 5:00:00PM	Waste	POLYCHLORINATED BIPHENYLS		05/09/2011	05/10/2011
1105568-008A	SJ-WASTE-08	3/25/2011 5:00:00PM	Waste	POLYCHLORINATED BIPHENYLS		05/09/2011	05/10/2011



**Client:** Tetra Tech EM Inc.  
**Project Name:** Sharpsburg Junkyard  
**Workorder:** 1105568

**ANALYTICAL QC SUMMARY REPORT****BatchID: 146111**

Sample ID: <b>MB-146111</b>	Client ID:				Units: <b>mg/Kg</b>	Prep Date: <b>05/09/2011</b>	Run No: <b>196659</b>				
SampleType: <b>MBLK</b>	TestCode: <b>POLYCHLORINATED BIPHENYLS</b>	<b>SW8082A</b>	BatchID: <b>146111</b>			Analysis Date: <b>05/10/2011</b>	Seq No: <b>4104523</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Aroclor 1016	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1221	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1232	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1242	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1248	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1254	BRL	1.0	0	0	0	0	0	0	0	0	
Aroclor 1260	BRL	1.0	0	0	0	0	0	0	0	0	
Surr: Decachlorobiphenyl	0.4989	0	0.5	0	99.8	40.7	175	0	0	0	
Surr: Tetrachloro-m-xylene	0.5920	0	0.5	0	118	57.9	188	0	0	0	

Sample ID: <b>LCS-146111</b>	Client ID:				Units: <b>mg/Kg</b>	Prep Date: <b>05/09/2011</b>	Run No: <b>196659</b>				
SampleType: <b>LCS</b>	TestCode: <b>POLYCHLORINATED BIPHENYLS</b>	<b>SW8082A</b>	BatchID: <b>146111</b>			Analysis Date: <b>05/10/2011</b>	Seq No: <b>4104525</b>				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Aroclor 1016	5.917	1.0	5	0	118	83.5	155	0	0	0	
Aroclor 1260	5.659	1.0	5	0	113	67.2	159	0	0	0	
Surr: Decachlorobiphenyl	0.5520	0	0.5	0	110	40.7	175	0	0	0	
Surr: Tetrachloro-m-xylene	0.6799	0	0.5	0	136	57.9	188	0	0	0	

Sample ID: <b>1105568-008AMS</b>	Client ID: <b>SJ-WASTE-08</b>	Units: <b>mg/Kg</b>			Prep Date: <b>05/09/2011</b>	Run No: <b>196659</b>					
SampleType: <b>MS</b>	TestCode: <b>POLYCHLORINATED BIPHENYLS SW8082A</b>	BatchID: <b>146111</b>			Analysis Date: <b>05/10/2011</b>	Seq No: <b>4105294</b>					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Aroclor 1016	4.521	0.99	4.95	0	91.3	68.3	150	0	0	0	
Aroclor 1260	4.694	0.99	4.95	0	94.8	45.1	165	0	0	0	
Surr: Decachlorobiphenyl	0.4559	0	0.495	0	92.1	40.7	175	0	0	0	
Surr: Tetrachloro-m-xylene	0.4441	0	0.495	0	89.7	57.9	188	0	0	0	

<b>Qualifiers:</b>	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Tetra Tech EM Inc.  
Project Name: Sharpsburg Junkyard  
Workorder: 1105568

ANALYTICAL QC SUMMARY REPORT

BatchID: 146111

Sample ID: 1105568-008AMSD	Client ID: SJ-WASTE-08	Units: mg/Kg				Prep Date: 05/09/2011	Run No: 196659				
SampleType: MSD	TestCode: POLYCHLORINATED BIPHENYLS SW8082A	BatchID: 146111				Analysis Date: 05/10/2011	Seq No: 4105419				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aroclor 1016	4.541	0.93	4.63	0	98.1	68.3	150	4.521	0.442	23.3	
Aroclor 1260	4.717	0.93	4.63	0	102	45.1	165	4.694	0.488	26.7	
Surr: Decachlorobiphenyl	0.4584	0	0.463	0	99	40.7	175	0.4559	0	0	
Surr: Tetrachloro-m-xylene	0.4496	0	0.463	0	97.1	57.9	188	0.4441	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		