



July 19, 2012

Mr. Dave Williams  
EPA On-scene Coordinator  
U.S. Environmental Protection Agency, Region 7  
901 North 5<sup>th</sup> Street  
Kansas City, Kansas 66101

**Subject: Removal Site Evaluation Report**  
**Studer Container Service Site, Kansas City, Jackson County, Missouri**  
**CERCLIS ID Number: MON000706453**  
**U.S. EPA Region 7 START 3, Contract No. EP-S7-06-01, Task Order No. 0298**  
**Task Monitor: Dave Williams, EPA On-scene Coordinator**

Dear Mr. Williams:

Tetra Tech EM Inc. is submitting the attached Removal Site Evaluation Report for the Studer Container Service site in Kansas City, Missouri. If you have any questions or comments, please contact me, the project manager, at (816) 412-1745.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Keith Brown'.

Keith Brown  
START Project Manager

A handwritten signature in blue ink, appearing to read 'Ted Faile'.

Ted Faile, PG, CHMM  
START Program Manager

Enclosures

cc: Roy Crossland, EPA Region 7 (Cover letter only)

**REMOVAL SITE EVALUATION REPORT  
STUDER CONTAINER SERVICE SITE  
KANSAS CITY, JACKSON COUNTY, MISSOURI**

**CERCLIS ID NUMBER: MON000706453**

**Superfund Technical Assessment and Response Team (START) Contract  
Contract No. EP-S7-06-01, Task Order No. 0298**

Prepared For:

U.S. Environmental Protection Agency  
Region 7  
Superfund Division  
901 North 5<sup>th</sup> Street  
Kansas City, Kansas 66101

July 19, 2012

Prepared By:

Tetra Tech EM Inc.  
415 Oak Street  
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(816) 412-1741

## CONTENTS

<b><u>Section</u></b>	<b><u>Page</u></b>
1.0 INTRODUCTION .....	1
2.0 SITE LOCATION AND DESCRIPTION .....	1
3.0 SITE HISTORY .....	1
4.0 SITE ACTIVITIES .....	1
4.1 CONTAINER INVENTORY AND SAMPLING .....	2
4.2 REMOVAL.....	3
5.0 SUMMARY .....	3

## APPENDICES

### **Appendix**

A	FIGURES
B	PHOTOGRAPHIC RECORD
C	CONTAINER INVENTORY SHEETS

## **1.0 INTRODUCTION**

The Tetra Tech EM Inc. (Tetra Tech) Superfund Technical Assessment and Response Team (START) was tasked by the U.S. Environmental Protection Agency (EPA) Region 7 Superfund Division to conduct a removal site evaluation (RSE) at the Studer Container Service site, at 520 Madison Avenue in Kansas City, Missouri. START's activities proceeded concurrently with assessment activities of EPA's National Enforcement Investigations Center (NEIC) and Criminal Investigation Division (CID).

## **2.0 SITE LOCATION AND DESCRIPTION**

The Studer Container Service site is at 520 Madison Avenue in Kansas City, Jackson County, Missouri. The approximate geographic coordinates of the site are 39.107046 degrees north latitude and 94.595306 degrees west longitude (see Figure 1 in Appendix A).

The site is bordered north by a fenced-in lot where various pieces of equipment are currently stored. Undeveloped land lies east, south, and west of the site, with commercial buildings beyond. Immediately overhead is the Lewis & Clark Viaduct. Studer Container Service is a scrap metal recycler. The site includes one building and surrounding land with various large metal storage containers and organized pieces of metal. Figure 2 in Appendix A shows the site layout. Twenty-six 55-gallon drums and several pallets with numerous small storage containers of waste abandoned on the property were unsecured near Madison Avenue.

## **3.0 SITE HISTORY**

On April 10-11, 2012, EPA conducted a Resource Conservation and Recovery Act (RCRA) compliance evaluation inspection (CEI) at the Studer Container Service property. The CEI identified several containers of what appeared to be waste that apparently should have undergone a hazardous waste determination. However, no such determination had occurred prior to the CEI, and the property owner, Mr. Studer, stated that these items had been abandoned on his property without his knowledge or consent. These items include twenty-six 55-gallon drums and six pallets of other smaller containers. Many of these drums did not have intact lids, and rain or expansion induced by excessive heat could have released their contents. EPA's Air and Waste Management Division referred the site to the Superfund Division after the inspection.

## **4.0 SITE ACTIVITIES**

START conducted Removal Site Evaluation (RSE) activities at the site on June 28, 2011—documenting site conditions, recording an inventory of containers at the site with their approximate volumes, and field

screening samples of liquid and solid materials in select storage containers for hazardous waste characterization.

START team members who conducted the field screening were Keith Brown and Adam Watkins. The EPA Region 7 On-Scene Coordinator (OSC) for the project was Dave Williams. Photographic documentation of the site activities is in Appendix B.

#### **4.1 CONTAINER INVENTORY AND SAMPLING**

In all, 26 drums (55-gallon capacity) and other various smaller containers were identified at the site. Each drum was assigned an identifier (D-01, D-02, etc.), and the small containers were grouped together by the pallet (P-1, P-2, etc.) on which they were found. All relevant information—including container type/size and product label information (if available)—was recorded on Container Inventory Sheets (see Appendix C).

EPA and START opened all of the 55-gallon drums and several other small containers abandoned at the site to monitor their headspace for volatile organic compounds (VOC) with a photo-ionization detector (PID). High VOC readings were detected in several of the drums. In addition, each container was screened for radioactive material with a MicroR radiation survey meter. None of the containers exhibited radiation concentrations above background levels of approximately 9 microRoentgens per hour ( $\mu\text{R/hr}$ ). Next, representative samples were collected from each of the 55-gallon drums. Several of the smaller containers were also chosen by OSC Williams for sampling. Liquid waste samples were collected in a 40-milliliter vial using disposable thieving rods. The solid waste samples were collected in 8-ounce glass jars using stainless steel spoons. All sampling procedures followed standard operating procedures (SOP) outlined in the Quality Assurance Project Plan (QAPP) and Health and Safety Plan (HASP). Throughout the sampling process, breathing zones were monitored with the PID. All instrument readings and observable waste characteristics were recorded on Container Inventory Sheets (see Appendix C).

Following sampling activities, nine drum and four small container samples were chosen by EPA for further field screening and HazMat ID field analysis. START conducted screening activities inside the on-site EPA emergency response vehicle. Field screening included tests for explosive, air reactive, water reactive, water soluble, corrosive, oxidizer, and flammable parameters. All field screening and HazMat ID results were recorded on the Container Inventory Sheets (see Appendix C). The field screening results indicated presence of characteristic ignitable waste in several of the samples. All field screening results were shared with on-site NEIC and CID personnel. Considering the field screening results, EPA determined that enough information had been gathered regarding container contents to begin a removal action instead of collecting and sending samples to an off-site laboratory for further analysis. EPA OSC

Williams called PSC, a waste disposal company located near the site, to discuss disposal options. A PSC environmental services division representative, Lisa White, stopped by the site and discussed waste disposal options with EPA.

## **4.2 REMOVAL**

EPA contracted PSC for waste removal activities at the Studer Container Service site on July 12, 2012. All drums and small containers that had been abandoned on site subsequently were removed and taken off site for processing and disposal. EPA OSC Tom Mahler was present during the removal action to oversee and document site activities. Photographs taken by Mr. Mahler during the removal action are included within the photographic record of this report (see Appendix B).

## **5.0 SUMMARY**

EPA tasked Tetra Tech START to conduct RSE activities at the Studer Container Service site in Kansas City, Jackson County, Missouri. The purposes of the RSE were to inventory and characterize various materials abandoned at the site in 55-gallon drums and other smaller containers, and to determine if those wastes exhibit hazardous characteristics warranting removal actions. During the RSE on June 28, 2012, START documented site conditions, inventoried drums and other smaller containers at the site, collected samples from various containers, and field-screened samples, performing on-site analyses.

Field screening results indicated presence of characteristic ignitable waste in several of the samples. Considering these field screening results, EPA decided that enough information had been gathered regarding the materials to begin disposal efforts. PSC, a local environmental services waste disposal company, stopped by the site and discussed waste and disposal options with EPA.

EPA contracted PSC for waste removal activities at the Studer Container Service site on July 12, 2012. All drums and small containers that had been abandoned on site were removed and taken off site for processing and disposal.

**APPENDIX A**

**FIGURES**



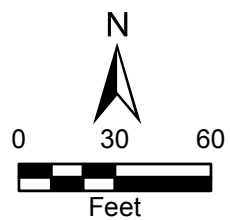






#### Legend

Approximate site boundary



Studer Container Service Site  
520 Madison Avenue  
Kansas City, Missouri

**Figure 2**  
Site Layout Map



**APPENDIX B**  
**PHOTOGRAPHIC RECORD**

**Studer Container Service  
Kansas City, Missouri**



<p>TETRA TECH PROJECT NO. X9004.12.0298</p> <p>Direction: North</p>	DESCRIPTION	This photograph shows U.S. Environmental Protection Agency (EPA) and Superfund Technical Assessment and Response Team (START) members documenting headspace readings for a 55-gallon drum.	1
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Adam Watkins	06/28/12



<p>TETRA TECH PROJECT NO. X9004.12.0298</p> <p>Direction: North</p>	DESCRIPTION	This photograph shows EPA and START members monitoring headspace levels for a 55-gallon drum.	2
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Adam Watkins	06/28/12



**Studer Container Service  
Kansas City, Missouri**



TETRA TECH PROJECT NO. X9004.12.0298  Direction: North	DESCRIPTION	This photograph shows EPA and START members monitoring and documenting headspace readings for a 55-gallon drum.	3
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Adam Watkins	06/28/12



TETRA TECH PROJECT NO. X9004.12.0298  Direction: Southwest	DESCRIPTION	This photograph shows EPA and START members monitoring headspace readings for a 55-gallon drum.	4
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Adam Watkins	06/28/12

**Studer Container Service  
Kansas City, Missouri**



<p>TETRA TECH PROJECT NO. X9004.12.0298</p> <p>Direction: West</p>	DESCRIPTION	This photograph shows the front (east) side of the Studer Container Service site where the majority of containers had been staged.	5
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Adam Watkins	06/28/12



<p>TETRA TECH PROJECT NO. X9004.12.0298</p> <p>Direction: N/A</p>	DESCRIPTION	This photograph shows containers of corrosives (acids and bases).	6
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Tom Mahler	07/12/12

**Studer Container Service  
Kansas City, Missouri**



<p>TETRA TECH PROJECT NO. X9004.12.0298</p> <p>Direction: Southwest</p>	DESCRIPTION	This photograph shows PSC's staging area for overpack containers.	7
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Tom Mahler	07/12/12



<p>TETRA TECH PROJECT NO. X9004.12.0298</p> <p>Direction: Northwest</p>	DESCRIPTION	This photograph shows the area at the southeast corner of the facility where drums 1 through 7 had been located prior to disposal.	8
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Tom Mahler	07/12/12



**Studer Container Service  
Kansas City, Missouri**



<p>TETRA TECH PROJECT NO. X9004.12.0298</p> <p>Direction: North</p>	DESCRIPTION	This photograph shows the area on the east side of the building where drums 8 through 19 had been located prior to disposal.	9
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Tom Mahler	07/12/12



<p>TETRA TECH PROJECT NO. X9004.12.0298</p> <p>Direction: N/A</p>	DESCRIPTION	This photograph shows the area on the east side of the building where drums 20 through 26 had been located prior to disposal.	10
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Tom Mahler	07/12/12

**Studer Container Service  
Kansas City, Missouri**



<p>TETRA TECH PROJECT NO. X9004.12.0298</p> <p>Direction: N/A</p>	DESCRIPTION	This photograph shows presence within PSC's truck of the drums and two cardboard totes filled with the smaller containers.	11
	CLIENT	U. S. Environmental Protection Agency Region 7	Date
	PHOTOGRAPHER	Tom Mahler	07/12/12

**APPENDIX C**  
**CONTAINER INVENTORY SHEETS**

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-01

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1320

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¼ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¾ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

## FIELD SCREENING DATA SUMMARY

Sample ID: <u>D-01</u>		Date: <u>6/28/12</u>	Time: <u>1320</u>
Sample Screened By: <u>KB, TM, AW</u>			
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>137</u> ppm - <u>Headspace</u>	
Parameter	YES	NO	Description/Results
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>5</u>
2. Explosive			Burns during hair pin test
3. Air Reactive		<u>X</u>	> 10° F temp. change, effervescence
4. Water Reactive		<u>X</u>	> 10° F temp. change, effervescence
5. Water Soluble	<u>X</u>		Dissolves in water
		<u>X</u>	Floats in water
		<u>X</u>	Sinks in water
6. Corrosive			pH is <2 or > 12.5; Actual pH: <u>unk</u>
7. Oxidizer		<u>unk</u>	Potassium iodide paper turns dark
8. Sulfide			Lead acetate paper turns dark
9. Flammable		<u>X</u>	Extremely flammable; if vapors ignite
		<u>X</u>	Flammable; if burns after lit with match
		<u>X</u>	Combustible; if burns only with match present
10. Halide			Green flame when heated with copper wire
11. Cyanide			Prussian blue color
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, <u>HazMat ID</u> etc.):			<u>No Library Kit</u>

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING ZONE 0.4 PPM

Black drum w M-4601 and Natre Clean Label. Labeled 2 fire haz. and 1 health haz.



# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-02

Field Screening Required: ☒ Yes ☐ No (Circle One)

Lab Sample Collected: Yes ☒ No ☐ Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1043

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<input checked="" type="radio"/> Full	<input type="radio"/> Solid
Other Tank	85 gal.	<input checked="" type="radio"/> Good	<input type="radio"/> ¾ Full	<input checked="" type="radio"/> Liquid
Cylinder	<input checked="" type="radio"/> 55 gal.	Fair	<input type="radio"/> ½ Full	Sludge
<input checked="" type="radio"/> Drum	30 gal.	Poor	<input type="radio"/> ¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.	<i>burg open</i>		
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-02</u>		Date: <u>6/28/12</u>		Time: <u>13:30</u>
Sample Screened By: <u>KB, TM, AW</u>				
Air Monitoring Reading: <input checked="" type="radio"/> PID <input type="radio"/> FID (Circle One)		Result: <u>26</u> ppm <i>headspace</i>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<input checked="" type="checkbox"/>	>2x background; Actual conc.: <u>5</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive		<input checked="" type="checkbox"/>	> 10° F temp. change, effervescence	
4. Water Reactive		<input checked="" type="checkbox"/>	> 10° F temp. change, effervescence	
5. Water Soluble	<input checked="" type="checkbox"/>		Dissolves in water	
		<input checked="" type="checkbox"/>	Floats in water	
		<input checked="" type="checkbox"/>	Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH: <u>unk</u>	<u>Black color</u>
7. Oxidizer			Potassium iodide paper turns dark <u>unk</u>	<u>Black color</u>
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		<input checked="" type="checkbox"/>	Extremely flammable; if vapors ignite	
		<input checked="" type="checkbox"/>	Flammable; if burns after lit with match	
		<input checked="" type="checkbox"/>	Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.): <u>1. DIAZINON 2. WATER 3. JOY DISH SOAP 4. ASTROMID 18</u> <u>5. ISOPROPYL RUBBING ALCOHOL 6. RUBBING ALCOHOL</u> <u>7. CHLOROACETALDEHYDE SOLUTION 8. GLUCONIC ACID</u> <u>1. 2.994635 2. 0.992704 3. 0.980723 4. 0.913678 5. 0.860170</u> <u>6. 0.860170 7. 0.858711 8. 0.857039</u>				<i>no odor</i>

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

*BREATHING ZONE 2 0.3 PPM*

*R1337/08RL Label*

*PAINT WASTE / INK WASTE APPEARANCE*

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-03

Field Screening Required Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 045

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.	<u>rusty on top</u>		
Other: _____	Other: _____			

## FIELD SCREENING DATA SUMMARY

Sample ID: D-03

Date: 6/28/12

Time: 13:45

Sample Screened By: \_\_\_\_\_

Air Monitoring Reading: PID FID (Circle One)

Result: 6 ppm

headsapce

Parameter	YES	NO	Description/Results	Comments
1. Radioactive		X	>2x background; Actual conc.: 6	
2. Explosive			Burns during hair pin test	
3. Air Reactive		X	> 10° F temp. change, effervescence	
4. Water Reactive		X	> 10° F temp. change, effervescence	
5. Water Soluble	X		Dissolves in water	
		X	Floats in water	
		X	Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH: UNK	Black color
7. Oxidizer			Potassium iodide paper turns dark UNK	" "
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		X	Extremely flammable; if vapors ignite	
		X	Flammable; if burns after lit with match	
		X	Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12.	Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.): 1. DIAZINON 2. WATER 3. JOY DISH SOAP 4. ASTROMID 10 5. RUBBING ALCOHOL 6. ISOPROPYL RUBBING ALCOHOL 7. CHLOROACETALDEHYDE SOLUTION 8. GLUCONIC ACID			

1. 0.974779 2. 0.993767 3. 0.982229 4. 0.905965 5. 0.853220 6. 0.853220  
7. 0.848722 8. 0.843730

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE = NO

R1632  
Label



# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KR, TM

Date Inventoried: 6/28/12

Container ID #: D-04

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1046

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	¾ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¾ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-04</u>		Date: <u>6/28/12</u>		Time: <u>1400</u>
Sample Screened By: <u>KR, TM, AW</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>5</u> ppm <u>headspace</u>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>6</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive		<u>X</u>	> 10° F temp. change, effervescence	
4. Water Reactive		<u>X</u>	> 10° F temp. change, effervescence	
5. Water Soluble	<u>X</u>		Dissolves in water	
		<u>X</u>	Floats in water	
		<u>X</u>	Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH: <u>UNK</u>	<u>Black color</u>
7. Oxidizer			Potassium iodide paper turns dark <u>UNK</u>	" "
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		<u>X</u>	Extremely flammable; if vapors ignite	
		<u>X</u>	Flammable; if burns after lit with match	
		<u>X</u>	Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.): 1. N-METHYL MORPHOLINE 2. 1-DIETHYLAMINO-3 PROPANOL 3. SODIUM LACTATE 4. TETRAPROPYLAMMONIUM PERRUTHENATE 5. ZIRCONIUM (IV) ETHOXIDE 6. ASTROMID 18				

1. 0.8541486 2. 0.8508501 3. 0.8429205 4. 0.8353478  
5. 0.834671 6. 0.8250704

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE 0.4 PPM

R1635  
Label

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: K.B. TM

Date Inventoried: 6/28/12

Container ID #: D-05

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1048

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¼ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¾ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-05</u>	Date: <u>6/28/12</u>	Time: <u>1410</u>		
Sample Screened By: <u>K.B. TM, RW</u>				
Air Monitoring Reading: PID FID (Circle One)		Result: <u>260</u> ppm	<u>headspace</u>	
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>6</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive		<u>X</u>	> 10° F temp. change, effervescence	
4. Water Reactive		<u>X</u>	> 10° F temp. change, effervescence	
5. Water Soluble	<u>X</u>		Dissolves in water	
		<u>X</u>	Floats in water	
		<u>X</u>	Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH: <u>UNK</u>	<u>Dark color</u>
7. Oxidizer			Potassium iodide paper turns dark <u>UNK</u>	<u>" "</u>
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		<u>X</u>	Extremely flammable; if vapors ignite	
		<u>X</u>	Flammable; if burns after lit with match	
		<u>X</u>	Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				
1. WATER .79551 2. DIAZINON .19513 3. JOY DISH SOAP .98621				
4. ASTROMID 18 .90827 5. ISOPROPYL RUBBING ALCOHOL .85806				
6. RUBBING ALCOHOL .85806 7. 8. CHLOROACETALDEHYDE-SOLUTION .85229				
8. GLUCONIC ACID 0.84597				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE = 1.4 PPM

R1337/07R1  
label

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-06

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1032

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-06</u>		Date: <u>6/28/12</u>	Time: <u>1415</u>	
Sample Screened By: <u>KB, TM, AW</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>12.4</u> ppm <u>headspace</u>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>5</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive		<u>X</u>	> 10° F temp. change, effervescence	
4. Water Reactive		<u>X</u>	> 10° F temp. change, effervescence	
5. Water Soluble		<u>X</u>	Dissolves in water	
	<u>X</u>		Floats in water	
		<u>X</u>	Sinks in water	
6. Corrosive		<u>X</u>	pH is <2 or > 12.5; Actual pH: <u>4-5</u>	
7. Oxidizer		<u>X</u>	Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		<u>X</u>	Extremely flammable; if vapors ignite	
	<u>X</u>		Flammable; if burns after lit with match	
		<u>X</u>	Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.): <u>1. 2-PROPANOL .99275 2. ISOPROPYL ALCOHOL .99201</u>				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING = 0.8 PPM  
ZONE

Labeled Isopropanol  
clear Liquid

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-07

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1122

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	<u>½ Full</u>	<u>Sludge</u>
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-07</u>		Date: <u>6/28/12</u>	Time: <u>1122</u>	
Sample Screened By: _____				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>10</u> ppm	<u>CO 5 3/1 ppm</u> <u>headspace</u>	
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>5</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE: 0.5

Labeled Flammable  
very thick - solid/goosey/sticky  
sweet odor



# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 1053 6/28/12

Container ID #: D-08

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1053

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	Good	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	<u>Fair</u>	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

## FIELD SCREENING DATA SUMMARY

Sample ID: <u>D-08</u>		Date: <u>6/28/12</u>	Time: <u>1053</u>	
Sample Screened By: <u>KB, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>8.5</u> ppm	<u>headspace</u>	
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>5</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12.	Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):			

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE = 0.3 PPM

Green Drum with  
R-1854 Label

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 1055 6/28/12

Container ID #: D-09

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1055

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	<u>Solid</u>
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-09</u>		Date: <u>6/28/12</u>	Time: <u>1055</u>	
Sample Screened By: <u>KB, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>88</u> ppm <u>headspace</u>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHER  
ZONE : 0.3 PPM

REDISH-BROWN THICK  
SUBSTANCE

Non-haz water based waste label



# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-10

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1056

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	Good	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	<u>Fair</u>	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-10</u>		Date: <u>6/28/12</u>	Time: <u>1056</u>	
Sample Screened By: <u>KB, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>44</u> ppm <u>headsap</u>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>5</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE = 0.3 ppm

BROWN-RED THIN SUBSTANCE  
painted drum  
light blue drum  
with R1035 label

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/25/12

Container ID #: D-11 FLOAT

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1050

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	<u>Good</u>	¾ Full	Liquid
Cylinder	<u>55 gal.</u>	Fair	<u>½ Full</u>	Sludge
<u>Drum</u>	30 gal.	Poor	<u>¼ Full</u>	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-11 (Floater)</u>		Date: <u>6/25/12</u>	Time: <u>1520</u>	
Sample Screened By: <u>KB, TM, AW</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>30</u> ppm <span style="float: right;"><u>Headspace</u></span>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive		<u>X</u>	> 10° F temp. change, effervescence	
4. Water Reactive		<u>X</u>	> 10° F temp. change, effervescence	
5. Water Soluble		<u>X</u>	Dissolves in water	
	<u>X</u>		Floats in water	
		<u>X</u>	Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH: <u>UNKNOWN</u>	<u>BROWN &amp; OILY COLORED SUBSTANCE</u>
7. Oxidizer		<u>X</u>	Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		<u>X</u>	Extremely flammable; if vapors ignite	
		<u>X</u>	Flammable; if burns after lit with match	
	<u>X</u>		Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.): <u>1. SLIDENIRE LUBRICANT .92828 2. BUTYL OLEATE .92255 3. OCTYL OCTANOATE .92346</u> <u>4. ETHYL OLEATE .90865 5. HEPTYL HEPTANOATE .90648 6. 1,2-PROPYLENE DILAUATE .90543</u> <u>7. HEXYL HEPTANOATE .90312 8. BIS (2-ETHYLHEXYL) ADIPATE .89876 9. ETHYL LAURATE .89522</u> <u>10. ETHYL MYRISTATE .88768</u>				

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE = 0.8 PPM

LAYERS IN THIS SUBSTANCE

Brown Top layer - OILY FEEL  
clear bottom layer

black drum with M-4601  
and health hazard label

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-12

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1100

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-12</u>		Date: <u>6/28/12</u>	Time: <u>1100</u>	
Sample Screened By: <u>KB, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>4.6</u> ppm <u>headspace</u>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE = 0.5

DARK COLORED SUBSTANCE

black spilled on side  
very black

R-1362  
label on drum

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KR, TM

Date Inventoried: 6/28/12

Container ID #: D-13

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1102

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	<u>Solid</u>
Other Tank	85 gal.	<u>Good</u>	¼ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¾ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-13</u>		Date: <u>6/28/12</u>		Time: <u>1102</u>
Sample Screened By: <u>KR, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>7.3</u> ppm <span style="float: right;"><u>headspace</u></span>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>5</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE : 0.5 PPM

green on top

light blue drum  
with R1635 label



# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-14

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1104

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	<u>Good</u>	<u>3/4 Full</u>	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	1/2 Full	Sludge
<u>Drum</u>	30 gal.	Poor	1/4 Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-14</u>	Date: <u>6/28/12</u>	Time: <u>1104</u>		
Sample Screened By: <u>KB, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>151</u> ppm	<u>CO = 14</u> <u>headspace</u>	
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

ONLY CHARACTERISTICS

BREATHING : 0.4 PPM  
ZONE

light blue drum  
with R-1635 label

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KR, TM

Date Inventoried: 6/28/12

Container ID #: D-15

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1107

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¼ Full	<u>Liquid</u>
Cylinder	<u>55 gal</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¾ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID:	<u>D-15</u>	Date:	<u>6/28/12</u>	Time:
Sample Screened By:	<u>KR, TM</u>			
Air Monitoring Reading:	<u>PID</u> FID (Circle One)	Result:	<u>4.7</u> ppm	<u>headspace</u>
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING ZONE = 0.4 ppm

black drum with R1184 label

MULTIPLE BROWNISH LAYERS  
oily substance  
completely full



# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/25/12

Container ID #: D-16

Field Screening Required: ☒ Yes ☐ No (Circle One)

Lab Sample Collected: Yes ☒ No ☐ Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1108

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	<input checked="" type="radio"/> Full	Solid
Other Tank	85 gal.	<input checked="" type="radio"/> Good	<input type="radio"/> ¾ Full	<input checked="" type="radio"/> Liquid
Cylinder	<input checked="" type="radio"/> 55 gal.	Fair	<input type="radio"/> ½ Full	Sludge
<input checked="" type="radio"/> Drum	30 gal.	Poor	<input type="radio"/> ¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-16</u>		Date: <u>6/25/12</u>	Time: <u>1108</u>	
Sample Screened By: <u>KB, TM</u>				
Air Monitoring Reading: <input checked="" type="radio"/> PID <input type="radio"/> FID (Circle One)		Result: <u>86</u> ppm <u>headspace</u>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<input checked="" type="checkbox"/>	>2x background; Actual conc.: <u>5</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING ZONE ~ 4.0 ppm

small bung open

GREEN SUBSTANCE

VOLATILE DRUM

black drum with R1337 label

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KR, TM

Date Inventoried: 6/28/11

Container ID #: A-17

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1111

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	¾ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¾ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY					
Sample ID: <u>A-17</u>		Date: <u>6/28/12</u>		Time: <u>1111</u>	
Sample Screened By: <u>KR, TM</u> <u>2.0</u>					
Air Monitoring Reading: <u>PID</u> FID (Circle One) Result: <u>3.4</u> ppm <u>headspace</u> <u>CO</u> <u>1.2</u> ppm					
Parameter	YES	NO	Description/Results	Comments	
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>5</u>		
2. Explosive			Burns during hair pin test		
3. Air Reactive			> 10° F temp. change, effervescence		
4. Water Reactive			> 10° F temp. change, effervescence		
5. Water Soluble			Dissolves in water		
			Floats in water		
			Sinks in water		
6. Corrosive			pH is <2 or > 12.5; Actual pH:		
7. Oxidizer			Potassium iodide paper turns dark		
8. Sulfide			Lead acetate paper turns dark		
9. Flammable			Extremely flammable; if vapors ignite		
			Flammable; if burns after lit with match		
			Combustible; if burns only with match present		
10. Halide			Green flame when heated with copper wire		
11. Cyanide			Prussian blue color		
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):					

<p><b>Comments</b> (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):</p> <p><u>GREEN SUBSTANCE</u></p> <p><u>contents spilled on top</u></p> <p><u>black liquid w/ green calgae?</u></p> <p><u>on top</u></p> <p><u>BREATHING ZONE ~ 0.5 PPM</u></p> <p><u>light blue drum with R1635 label</u></p>
--

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KR, TM

Date Inventoried: 6/28/12

Container ID #: D-18

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1113

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-18</u>		Date: <u>6/28/12</u>	Time: <u>1113</u>	
Sample Screened By: <u>KR, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>31.4</u> ppm		<u>CD = 72 ppm</u> <u>Leakage</u>
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING = 0.5 PPM  
ZONE

black drum  
with m5152 label

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/24/12

Container ID #: D-19

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1116

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¼ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¾ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-19</u>		Date: <u>6/24/12</u>	Time: <u>1116</u>	
Sample Screened By: <u>KB, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>7.2</u> ppm <span style="float: right;"><u>headspace</u></span>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE 0.4 PPM

spilled contents on side  
black liquid (green layer  
on top)

light blue drum  
with R1635 label



# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/24/12

Container ID #: D-20

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1030

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	<u>1/2 Full</u>	<u>Liquid</u>
<u>Cylinder</u> <i>white poly</i>	55 gal. <u>20 gal</u>	Fair	1/2 Full	Sludge
Drum	30 gal.	Poor	1/4 Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-20</u>		Date: <u>6/24/12</u>	Time: <u>1050</u>	
Sample Screened By: <u>KB, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>2.7</u> ppm	<u>CO = 8</u> <i>headspace</i>	
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>5</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

*BREATHING  
ZONE = NO*

*had label - hazardous waste  
brownish/black oily look*

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-21

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1023

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	<u>Good</u>	<u>1/2 Full</u>	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	1/2 Full	Sludge
<u>Drum</u>	30 gal.	Poor	1/4 Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-21</u>		Date: <u>6/25/12</u>	Time: <u>1540</u>	
Sample Screened By: <u>KB, TM, AW</u>		<u>306</u>	<u>LO = 16</u>	
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>306</u> ppm	<u>Headspace</u> <u>LO</u>	
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive		<u>X</u>	> 10° F temp. change, effervescence	
4. Water Reactive		<u>X</u>	> 10° F temp. change, effervescence	
5. Water Soluble		<u>X</u>	Dissolves in water	
	<u>X</u>		Floats in water	
		<u>X</u>	Sinks in water	
6. Corrosive		<u>X</u>	pH is <2 or > 12.5; Actual pH: <u>5</u>	
7. Oxidizer		<u>X</u>	Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		<u>X</u>	Extremely flammable; if vapors ignite	
		<u>X</u>	Flammable; if burns after lit with match	
	<u>X</u>		Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				
1. DICHLOROMETHANE .87077 2. METHYLENE CHLORIDE .85337				
3. METHYLENE CHLORIDE .85057				

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

SAMPLING  
BEARING = 0.4 ppm  
ZONE

Baxter C-1604 label + R 1854  
Baxter solvent label  
+ poison 6

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KR, TM

Date Inventoried: 6/28/12

Container ID #: D-22

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1026

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	<u>Good</u>	<u>3/4 Full</u>	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	1/2 Full	Sludge
<u>Drum</u>	30 gal.	Poor	1/4 Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

## FIELD SCREENING DATA SUMMARY

Sample ID: <u>D-22</u>		Date: <u>6/28/12</u>	Time: <u>1026</u>	
Sample Screened By: <u>KR, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>479</u> ppm <u>headspace CO=12</u>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHER = 3.0-8.0 ppm  
ZONE

black drum shrink  
wrapped with R1286  
and reactivity label

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-23

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1029

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	<u>Solid</u>
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>D-23</u>		Date: <u>6/28/12</u>	Time: <u>1029</u>	
Sample Screened By: <u>KB, TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>30.9</u> ppm <u>headspace CO = 10</u>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>5</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING: 1.0 PPM  
ZONE

light blue drum  
with R1635 label



# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-24

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1027

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	Good	1/2 Full	Liquid
Cylinder	55 gal.	Fair	1/2 Full	Sludge
Drum	30 gal.	Poor	1/2 Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

## FIELD SCREENING DATA SUMMARY

Sample ID: D-24 Date: 6/28/12 Time: 1535

Sample Screened By: KB, TM, AW

Air Monitoring Reading: PID FID (Circle One) Result: 380 ppm headspace CO = 82

Parameter	YES	NO	Description/Results	Comments
1. Radioactive		X	>2x background; Actual conc.: 4	
2. Explosive			Burns during hair pin test	
3. Air Reactive		X	> 10° F temp. change, effervescence	
4. Water Reactive		X	> 10° F temp. change, effervescence	
5. Water Soluble		X	Dissolves in water	
	X		Floats in water	
		X	Sinks in water	
6. Corrosive		X	pH is <2 or > 12.5; Actual pH: 4	
7. Oxidizer		X	Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		X	Extremely flammable; if vapors ignite	
		X	Flammable; if burns after lit with match	
	X		Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12.	Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):			
1. KEROSENE .88269 2. DI-PENTYLSULFOXIDE .84596 3. HEATING OIL .8363 4. CEDARWOOD OIL .83721 5. GASOLINE - REGULAR UNLEADED .82811 6. TETRAHEXYLAMMONIUM CHLORIDE .8172 7. P-MENTHA-1,5-DIENE .81614 8. TRIOCTYLNAPHTHALENE .80599 9. DIPENTYLAMINE .80287 10. N,N-DIETHYLDODECYLAMINE .80266				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHER ZONE

1.0-4.0 ppm

Barton solvent label

Barton C-596 and glycol ether/petrol  
distillates label

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: KB, TM

Date Inventoried: 6/28/12

Container ID #: D-25

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1036

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	<u>55 gal</u>	Fair	½ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY					
Sample ID: <u>D-25</u>		Date: <u>6/28/12</u>		Time: <u>1036</u>	
Sample Screened By: <u>KB, TM</u>					
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>32</u> ppm <u>headspace CO = 600</u>			
Parameter	YES	NO	Description/Results	Comments	
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>		
2. Explosive			Burns during hair pin test		
3. Air Reactive			> 10° F temp. change, effervescence		
4. Water Reactive			> 10° F temp. change, effervescence		
5. Water Soluble			Dissolves in water		
			Floats in water		
			Sinks in water		
6. Corrosive			pH is <2 or > 12.5; Actual pH:		
7. Oxidizer			Potassium iodide paper turns dark		
8. Sulfide			Lead acetate paper turns dark		
9. Flammable			Extremely flammable; if vapors ignite		
			Flammable; if burns after lit with match		
			Combustible; if burns only with match present		
10. Halide			Green flame when heated with copper wire		
11. Cyanide			Prussian blue color		
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):					

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE = 0.5 PPM

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: K.B. TM

Date Inventoried: 6/28/12

Container ID #: D-26

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 1034

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	<u>Full</u>	Solid
Other Tank	85 gal.	<u>Good</u>	¼ Full	<u>Liquid</u>
Cylinder	<u>55 gal.</u>	Fair	¼ Full	Sludge
<u>Drum</u>	30 gal.	Poor	¼ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: _____	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>K D-26</u>		Date: <u>6/28/12</u>	Time: <u>1034</u>	
Sample Screened By: <u>K.B. TM</u>				
Air Monitoring Reading: <u>PID</u> FID (Circle One)		Result: <u>31</u> ppm <u>headspace</u> <u>CO = 20</u>		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive		<u>X</u>	>2x background; Actual conc.: <u>4</u>	
2. Explosive			Burns during hair pin test	
3. Air Reactive			> 10° F temp. change, effervescence	
4. Water Reactive			> 10° F temp. change, effervescence	
5. Water Soluble			Dissolves in water	
			Floats in water	
			Sinks in water	
6. Corrosive			pH is <2 or > 12.5; Actual pH:	
7. Oxidizer			Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable			Extremely flammable; if vapors ignite	
			Flammable; if burns after lit with match	
			Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

BREATHING  
ZONE

light green drum  
with M5152

Barton solvent table  
C-1604  
+ poison 6

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: TM, DW

Date Inventoried: 6/28/12

Container ID #: P1

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1348

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	Good	¾ Full	Liquid
Cylinder	55 gal.	Fair	½ Full	Sludge
Drum	30 gal.	Poor	¾ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: <u>Bucket</u>	Other: <u>Pint</u>			

## FIELD SCREENING DATA SUMMARY

Sample ID: _____		Date: _____		Time: <u>13:48</u>	
Sample Screened By: _____					
Air Monitoring Reading: PID FID (Circle One)			Result: _____ ppm		
Parameter	YES	NO	Description/Results	Comments	
1. Radioactive			>2x background; Actual conc.:		
2. Explosive			Burns during hair pin test		
3. Air Reactive			> 10° F temp. change, effervescence		
4. Water Reactive			> 10° F temp. change, effervescence		
5. Water Soluble			Dissolves in water		
			Floats in water		
			Sinks in water		
6. Corrosive			pH is <2 or > 12.5; Actual pH:		
7. Oxidizer			Potassium iodide paper turns dark		
8. Sulfide			Lead acetate paper turns dark		
9. Flammable			Extremely flammable; if vapors ignite		
			Flammable; if burns after lit with match		
			Combustible; if burns only with match present		
10. Halide			Green flame when heated with copper wire		
11. Cyanide			Prussian blue color		
12.	Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):



# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: TM, DW

Date Inventoried: 6/28/12

Container ID #: P2A

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid

Sample Date: \_\_\_\_\_ Time: 13:40

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	<u>Good</u>	¾ Full	<u>Liquid</u>
Cylinder	55 gal.	Fair	½ Full	Sludge
Drum	30 gal.	Poor	<u>¾ Full</u>	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: <u>Jug</u>	Other: <u>2.5 gal</u>			

FIELD SCREENING DATA SUMMARY				
Sample ID:	<u>P2A</u>	Date:	<u>6/28/12</u>	Time: <u>4:14</u> <u>1424</u>
Sample Screened By:	<u>KB, AW</u>			
Air Monitoring Reading: PID	FID (Circle One)	Result:	_____ ppm	
Parameter	YES	NO	Description/Results	Comments
1. Radioactive			>2x background; Actual conc.:	
2. Explosive			Burns during hair pin test	
3. Air Reactive		<u>X</u>	> 10° F temp. change, effervescence	
4. Water Reactive		<u>X</u>	> 10° F temp. change, effervescence	
5. Water Soluble	<u>X</u>		Dissolves in water	
		<u>X</u>	Floats in water	
		<u>X</u>	Sinks in water	
6. Corrosive		<u>X</u>	pH is <2 or > 12.5; Actual pH: <u>5-6</u>	
7. Oxidizer		<u>X</u>	Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		<u>X</u>	Extremely flammable; if vapors ignite	
		<u>X</u>	Flammable; if burns after lit with match	
		<u>X</u>	Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, <u>HazMat ID</u> etc.):				
<u>1. DIAZINON .90514 2. GLUCONIC ACID .87702 3. CHLOROACETALDEHYDE SOLUTION .87136</u> <u>4. JOY DISH SOAP .87112 5. WATER .87067 6. ASTROMID 18 .84143</u> <u>7. ISOPROPYL RUBBING ALCOHOL .83564 8. RUBBING ALCOHOL .83564</u>				

**Comments** (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: TM, DW

Date Inventoried: 6/28/12

Container ID #: P2B

Field Screening Required Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: \_\_\_\_\_

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	<u>Good</u>	<u>1/2 Full</u>	<u>Liquid</u>
Cylinder	55 gal.	Fair	<u>1/2 Full</u>	Sludge
Drum	30 gal.	Poor	1/4 Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	1 gal.			
Other: <u>Jug</u>	Other: <u>2.5 gal</u>			

FIELD SCREENING DATA SUMMARY					
Sample ID: <u>P2B</u>		Date: <u>6/28/12</u>		Time: <u>13:45</u>	
Sample Screened By: <u>KA, AW</u>					
Air Monitoring Reading: PID FID (Circle One)		Result: _____ ppm			
Parameter	YES	NO	Description/Results	Comments	
1. Radioactive			>2x background; Actual conc.:		
2. Explosive			Burns during hair pin test		
3. Air Reactive		<u>X</u>	> 10° F temp. change, effervescence		
4. Water Reactive		<u>X</u>	> 10° F temp. change, effervescence		
5. Water Soluble	<u>X</u>		Dissolves in water		
		<u>X</u>	Floats in water		
		<u>X</u>	Sinks in water		
6. Corrosive		<u>X</u>	pH is <2 or > 12.5; Actual pH: <u>5.6</u>		
7. Oxidizer		<u>X</u>	Potassium iodide paper turns dark		
8. Sulfide			Lead acetate paper turns dark		
9. Flammable		<u>X</u>	Extremely flammable; if vapors ignite		
		<u>X</u>	Flammable; if burns after lit with match		
		<u>X</u>	Combustible; if burns only with match present		
10. Halide			Green flame when heated with copper wire		
11. Cyanide			Prussian blue color		
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):					
1. DIAZINON .98015 2. WATER .96574 3. JOY DISH SOAP .96415 4. ASTROMIO 10 .91389 5. GLUCONIC ACID .88835 6. CHLOROACETALDEHYDE SOLUTION .8882 7. ISOPROPYL RUBBING ALCOHOL .88059 8. RUBBING ALCOHOL .88059 9. GLYCOLIC ACID NITRILE SOLUTION .80935					

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings): LIGHT BROWN SUBSTANCE

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: TM, DW

Date Inventoried: 6/28/12

Container ID #: P5 (FLOAT)

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1350

Container Inventory				
Container Type	Container Size	Container Condition	Content Amount	Material State
(Circle One)	(Circle One)	(Circle One)	(Circle One)	(Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	Good	<u>1/2 Full</u>	<u>Liquid</u>
Cylinder	55 gal.	<u>Fair</u>	<u>1/2 Full</u>	Sludge
Drum	30 gal.	<u>Poor</u>	<u>1/2 Full</u>	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	<u>1 gal.</u>			
Other: <u>Metal Container</u>	Other: _____			

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>P5 (FLOAT)</u>	Date: <u>6/28/12</u>	Time: <u>13:50</u>	<u>1440</u>	
Sample Screened By: <u>KB, AW</u>				
Air Monitoring Reading: PID FID (Circle One)		Result: _____ ppm		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive			>2x background; Actual conc.:	
2. Explosive			Burns during hair pin test	
3. Air Reactive		<u>X</u>	> 10° F temp. change, effervescence	
4. Water Reactive		<u>X</u>	> 10° F temp. change, effervescence	
5. Water Soluble		<u>X</u>	Dissolves in water	
	<u>X</u>		Floats in water	
		<u>X</u>	Sinks in water	
6. Corrosive		<u>X</u>	pH is <2 or > 12.5; Actual pH:	<u>pH 4</u>
7. Oxidizer		<u>X</u>	Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		<u>X</u>	Extremely flammable; if vapors ignite	
		<u>X</u>	Flammable; if burns after lit with match	
	<u>X</u>		Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, <u>HazMat ID</u> etc.):				
<u>NO LIBRARY HIT</u>				

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):

# CONTAINER INVENTORY SHEET

Site Name: Studer Container Service

Inventoried by: TM, DW

Date Inventoried: 6/28/12

Container ID #: P5 (SINK)

Field Screening Required: Yes No (Circle One)

Lab Sample Collected: Yes No Matrix: Air Liquid Solid Sample Date: \_\_\_\_\_ Time: 1350

Container Inventory				
Container Type (Circle One)	Container Size (Circle One)	Container Condition (Circle One)	Content Amount (Circle One)	Material State (Circle One)
LPG Tank	>85 gal.	Unknown	Full	Solid
Other Tank	85 gal.	Good	¾ Full	<u>Liquid</u>
Cylinder	55 gal.	<u>Fair</u>	<u>½ Full</u>	Sludge
Drum	30 gal.	<u>Poor</u>	¾ Full	Gas
Bucket	5 gal.	Leaking	Empty	Gel
Bottle	<u>1 gal.</u>			
Other: <u>Metal</u>		Other: _____		
<u>Container</u>				

FIELD SCREENING DATA SUMMARY				
Sample ID: <u>P5 (SINK)</u>		Date: <u>6/28/2012</u>		Time: <u>1445</u>
Sample Screened By: <u>K.B, AW</u>				
Air Monitoring Reading: PID FID (Circle One)		Result: _____ ppm		
Parameter	YES	NO	Description/Results	Comments
1. Radioactive			>2x background; Actual conc.:	
2. Explosive			Burns during hair pin test	
3. Air Reactive		<u>X</u>	> 10° F temp. change, effervescence	
4. Water Reactive		<u>X</u>	> 10° F temp. change, effervescence	
5. Water Soluble	<u>X</u>		Dissolves in water	
		<u>X</u>	Floats in water	
		<u>X</u>	Sinks in water	
6. Corrosive		<u>X</u>	pH is <2 or > 12.5; Actual pH: <u>5</u>	<u>PH 5</u>
7. Oxidizer		<u>X</u>	Potassium iodide paper turns dark	
8. Sulfide			Lead acetate paper turns dark	
9. Flammable		<u>X</u>	Extremely flammable; if vapors ignite	
		<u>X</u>	Flammable; if burns after lit with match	
		<u>X</u>	Combustible; if burns only with match present	
10. Halide			Green flame when heated with copper wire	
11. Cyanide			Prussian blue color	
12. Additional Tests (Clor-N-Oil Test, Draeger Tube, First Defender, HazMat ID, etc.):				
1. DIAZINON .99393 2. WATER .99301 3. JOY DISH SOAP .98755			4. ASTROMID 18 .9075	
5. ISOPROPYL RUBBING ALCOHOL .85794 6. RUBBING ALCOHOL .85794				
7. CHLOROACETALDEHYDE SOLUTION .85332 8. GLUCONIC ACID .84527			9. GLYCOLIC ACID NITRILE SOLUTION .806	

Comments (Brand name, manufacturer, lot #, batch#, stock #, active ingredient, or other distinguishing markings):