



DELIVERY VIA FEDEX: Tracking # 799401484896

March 28, 2013

Mr. John E. Kieling, Chief  
New Mexico Environment Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East, Building 1  
Santa Fe, NM 87505-6303

RE: RCRA Permit Renewal  
Safety-Kleen Systems, Inc.  
Albuquerque, NM Service Center: EPA ID # NMD000804294  
Farmington, NM Service Center: EPA ID # NMD980698849

Dear Mr. Kieling:

On behalf of Safety-Kleen Systems, Inc., enclosed is the RCRA Permit Renewal Applications for the above referenced facilities. These documents are being provided as hard copies but electronic copies can be provided upon request.

If you have any further questions, please feel free to contact me at (714)656-6832 or email me at [jason.blaylock@safety-kleen.com](mailto:jason.blaylock@safety-kleen.com).

Sincerely,

Jason Blaylock  
Environmental, Health and Safety Manager  
Safety-Kleen Systems, Inc.

<p><b>SEND COMPLETED FORM TO:</b> The Appropriate State or Regional Office.</p>	<p><b>United States Environmental Protection Agency</b> <b>RCRA SUBTITLE C SITE IDENTIFICATION FORM</b></p>		
<p><b>1. Reason for Submittal</b></p> <p>MARK ALL BOX(ES) THAT APPLY</p>	<p><b>Reason for Submittal:</b></p> <p><input type="checkbox"/> To provide an Initial Notification (first time submitting site identification information / to obtain an EPA ID number for this location)</p> <p><input type="checkbox"/> To provide a Subsequent Notification (to update site identification information for this location)</p> <p><input type="checkbox"/> As a component of a First RCRA Hazardous Waste Part A Permit Application</p> <p><input checked="" type="checkbox"/> As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment # _____)</p> <p><input type="checkbox"/> As a component of the Hazardous Waste Report (If marked, see sub-bullet below)</p> <p><input type="checkbox"/> Site was a TSD facility and/or generator of <math>\geq 1,000</math> kg of hazardous waste, <math>&gt;1</math> kg of acute hazardous waste, <math>&gt;100</math> kg of acute hazardous waste spill cleanup in one or more months of the report year (or State equivalent LQG regulations)</p>		
<p><b>2. Site EPA ID Number</b></p>	<p>EPA ID Number <u>  N  M  D     9  8  0     6  9  8     8  4  9  </u></p>		
<p><b>3. Site Name</b></p>	<p>Name: Safety-Kleen Systems, Inc.</p>		
<p><b>4. Site Location Information</b></p>	<p>Street Address: 4210 A HAWKINS RD</p> <p>City, Town, or Village: FARMINGTON      County: SAN JUAN</p> <p>State: NM      Country: UNITED STATES      Zip Code: 87401</p>		
<p><b>5. Site Land Type</b></p>	<p><input checked="" type="checkbox"/> Private    <input type="checkbox"/> County    <input type="checkbox"/> District    <input type="checkbox"/> Federal    <input type="checkbox"/> Tribal    <input type="checkbox"/> Municipal    <input type="checkbox"/> State    <input type="checkbox"/> Other</p>		
<p><b>6. NAICS Code(s) for the Site (at least 5-digit codes)</b></p>	<p>A. <u>  5  6  2     1  1  2  </u>      C. <u>                                         </u></p> <p>B. <u>                                         </u>      D. <u>                                         </u></p>		
<p><b>7. Site Mailing Address</b></p>	<p>Street or P.O. Box: 4210 A HAWKINS RD</p> <p>City, Town, or Village: FARMINGTON</p> <p>State: NM      Country: UNITED STATES      Zip Code: 87401</p>		
<p><b>8. Site Contact Person</b></p>	<p>First Name: RANDALL      MI:      Last: WOOD</p> <p>Title: BRANCH GENERAL MANAGER</p> <p>Street or P.O. Box: 4210 A HAWKINS RD</p> <p>City, Town or Village: FARMINGTON</p> <p>State: NM      Country: UNITED STATES      Zip Code: 87401</p> <p>Email: RANDALL.WOOD@SAFETY-KLEEN.COM</p> <p>Phone: 505-327-9070      Ext.:      Fax: 505-327-3023</p>		
<p><b>9. Legal Owner and Operator of the Site</b></p>	<p>A. Name of Site's Legal Owner: COMET CORPORATION      Date Became Owner: 06/01/1992</p> <p>Owner Type: <input checked="" type="checkbox"/> Private    <input type="checkbox"/> County    <input type="checkbox"/> District    <input type="checkbox"/> Federal    <input type="checkbox"/> Tribal    <input type="checkbox"/> Municipal    <input type="checkbox"/> State    <input type="checkbox"/> Other</p> <p>Street or P.O. Box: 1215 BRENTWOOD CIRCLE</p> <p>City, Town, or Village: FARMINGTON      Phone: 303-884-2802</p> <p>State: NM      Country: UNITED STATES      Zip Code: 87401</p> <p>B. Name of Site's Operator: SAFETY-KLEEN SYSTEMS, INC.      Date Became Operator: 01/01/1981</p> <p>Operator Type: <input checked="" type="checkbox"/> Private    <input type="checkbox"/> County    <input type="checkbox"/> District    <input type="checkbox"/> Federal    <input type="checkbox"/> Tribal    <input type="checkbox"/> Municipal    <input type="checkbox"/> State    <input type="checkbox"/> Other</p>		

**10. Type of Regulated Waste Activity (at your site)**  
 Mark "Yes" or "No" for all current activities (as of the date submitting the form); complete any additional boxes as instructed.

**A. Hazardous Waste Activities; Complete all parts 1-10.**

- Y  N  **1. Generator of Hazardous Waste**  
 If "Yes", mark only one of the following – a, b, or c.
- a. LQG: Generates, in any calendar month, 1,000 kg/mo (2,200 lbs./mo.) or more of hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lbs./mo) of acute hazardous waste; or Generates, in any calendar month, or accumulates at any time, more than 100 kg/mo (220 lbs./mo) of acute hazardous spill cleanup material.
- b. SQG: 100 to 1,000 kg/mo (220 – 2,200 lbs./mo) of non-acute hazardous waste.
- c. CESQG: Less than 100 kg/mo (220 lbs./mo) of non-acute hazardous waste.

If "Yes" above, indicate other generator activities in 2-4.

- Y  N  **2. Short-Term Generator** (generate from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.
- Y  N  **3. United States Importer of Hazardous Waste**
- Y  N  **4. Mixed Waste (hazardous and radioactive) Generator**

- Y  N  **5. Transporter of Hazardous Waste**  
 If "Yes", mark all that apply.
- a. Transporter
- b. Transfer Facility (at your site)
- Y  N  **6. Treater, Storer, or Disposer of Hazardous Waste** Note: A hazardous waste Part B permit is required for these activities.

- Y  N  **7. Recycler of Hazardous Waste**
- Y  N  **8. Exempt Boiler and/or Industrial Furnace**  
 If "Yes", mark all that apply.
- a. Small Quantity On-site Burner Exemption
- b. Smelting, Melting, and Refining Furnace Exemption

- Y  N  **9. Underground Injection Control**
- Y  N  **10. Receives Hazardous Waste from Off-site**

**B. Universal Waste Activities; Complete all parts 1-2.**

- Y  N  **1. Large Quantity Handler of Universal Waste** (you accumulate 5,000 kg or more) [refer to your State regulations to determine what is regulated]. Indicate types of universal waste managed at your site. If "Yes", mark all that apply.
- a. Batteries
- b. Pesticides
- c. Mercury containing equipment
- d. Lamps
- e. Other (specify) \_\_\_\_\_
- f. Other (specify) \_\_\_\_\_
- g. Other (specify) \_\_\_\_\_

- Y  N  **2. Destination Facility for Universal Waste**  
 Note: A hazardous waste permit may be required for this activity.

**C. Used Oil Activities; Complete all parts 1-4.**

- Y  N  **1. Used Oil Transporter**  
 If "Yes", mark all that apply.
- a. Transporter
- b. Transfer Facility (at your site)

- Y  N  **2. Used Oil Processor and/or Re-refiner**  
 If "Yes", mark all that apply.
- a. Processor
- b. Re-refiner

- Y  N  **3. Off-Specification Used Oil Burner**

- Y  N  **4. Used Oil Fuel Marketer**  
 If "Yes", mark all that apply.
- a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
- b. Marketer Who First Claims the Used Oil Meets the Specifications

**D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K**

❖ You can **ONLY** Opt into Subpart K if:

- you are at least one of the following: a college or university; a teaching hospital that is owned by or has a formal affiliation agreement with a college or university; or a non-profit research institute that is owned by or has a formal affiliation agreement with a college or university; AND
- you have checked with your State to determine if 40 CFR Part 262 Subpart K is effective in your state

Y  N  1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories  
**See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:**

- a. College or University
- b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university
- c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

Y  N  2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

**11. Description of Hazardous Waste**

**A. Waste Codes for Federally Regulated Hazardous Wastes.** Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

D001	D004	D005	D006	D007	D008	D009
D010	D011	D018	D019	D021	D022	D023
D024	D025	D026	D027	D028	D029	D030
D032	D033	D034	D035	D036	D037	D038
D039	D040	D041	D042	D043	F002	F003
F005						

**B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes.** Please list the waste codes of the State-Regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.


EPA ID Number **N M D** <sup>9 8 0 6 9 8 8 4 9 23</sup>  
~~0 0 0 8 0 4 2 9 4~~

OMB#: 2050-0024; Expires 12/31/2014

**12. Notification of Hazardous Secondary Material (HSM) Activity**

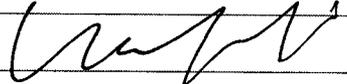
Y  N  Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 261.2(a)(2)(ii), 40 CFR 261.4(a)(23), (24), or (25)?

If "Yes", you must fill out the Addendum to the Site Identification Form: Notification for Managing Hazardous Secondary Material.

**13. Comments**

Multiple empty horizontal lines for providing comments.

**14. Certification.** I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. For the RCRA Hazardous Waste Part A Permit Application, all owner(s) and operator(s) must sign (see 40 CFR 270.10(b) and 270.11).

Signature of legal owner, operator, or an authorized representative	Name and Official Title (type or print)	Date Signed (mm/dd/yyyy)
	Virgil W. Duffie	03/27/2013
	SVP and Chief Compliance Officer	

## ADDENDUM TO THE SITE IDENTIFICATION FORM: NOTIFICATION OF HAZARDOUS SECONDARY MATERIAL ACTIVITY



**ONLY fill out this form if:**

- ❖ You are located in a State that allows you to manage excluded hazardous secondary material (HSM) under 40 CFR 261.2(a)(2)(ii), 261.4(a)(23), (24), or (25) (or state equivalent). See <http://www.epa.gov/epawaste/hazard/dsw/statespf.htm> for a list of eligible states; **AND**
- ❖ You are or will be managing excluded HSM in compliance with 40 CFR 261.2(a)(2)(ii), 261.4(a)(23), (24), or (25) (or state equivalent) **or** you have stopped managing excluded HSM in compliance with the exclusion(s) and do not expect to manage any amount of excluded HSM under the exclusion(s) for at least one year. Do not include any information regarding your hazardous waste activities in this section.

**1. Indicate reason for notification. Include dates where requested.**

- Facility will begin managing excluded HSM as of \_\_\_\_\_ (mm/dd/yyyy).
- Facility is still managing excluded HSM/re-notifying as required by March 1 of each even-numbered year.
- Facility has stopped managing excluded HSM as of \_\_\_\_\_ (mm/dd/yyyy) and is notifying as required.

**2. Description of excluded HSM activity.** Please list the appropriate codes and quantities in **short tons** to describe your excluded HSM activity ONLY (do not include any information regarding your hazardous wastes). Use additional pages if more space is needed.

a. Facility code (answer using codes listed in the Code List section of the instructions)	b. Waste code(s) for HSM	c. Estimated short tons of excluded HSM to be managed annually	d. Actual short tons of excluded HSM that was managed during the most recent odd-numbered year	e. Land-based unit code (answer using codes listed in the Code List section of the instructions)

**3. Facility has financial assurance pursuant to 40 CFR 261.4(a)(24)(vi).** (Financial assurance is required for reclaimers and intermediate facilities managing excluded HSM under 40 CFR 261.4(a)(24) and (25))

Y  N  Does this facility have financial assurance pursuant to 40 CFR 261.4(a)(24)(vi)?

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United States Environmental Protection Agency  
**HARDOUS WASTE PERMIT INFORMATION FORM**

<b>1. Facility Permit Contact</b>	First Name: RANDALL	MI:	Last Name: WOOD
	Contact Title: BRANCH GENERAL MANAGER		
	Phone: 505-327-9070	Ext.:	Email: randall.wood@safety-kleen.com
<b>2. Facility Permit Contact Mailing Address</b>	Street or P.O. Box: 4210 A HAWKINS RD		
	City, Town, or Village: FARMINGTON		
	State: NM		
	Country: UNITED STATES		Zip Code: 87401
<b>3. Operator Mailing Address and Telephone Number</b>	Street or P.O. Box: 2600 N. CENTRAL EXPY		
	City, Town, or Village: RICHARDSON		
	State: TX		Phone: 972-265-2000
	Country: UNITED STATES		Zip Code: 75080
<b>4. Facility Existence Date</b>	Facility Existence Date (mm/dd/yyyy):		
<b>5. Other Environmental Permits</b>			
<b>A. Facility Type</b> <i>(Enter code)</i>	<b>B. Permit Number</b>		<b>C. Description</b>
<b>6. Nature of Business:</b> This facility is a collection point for many spent materials, hazardous and non-hazardous, generated by Safety-Kleen customers. All wastes are ultimately transported to a Safety-Kleen recycling facility or other properly permitted facility for processing.			

**7. Process Codes and Design Capacities – Enter information in the Section on Form Page 3**

**A. PROCESS CODE** – Enter the code from the list of process codes below that best describes each process to be used at the facility. If more lines are needed, attach a separate sheet of paper with the additional information. For “other” processes (i.e., D99, S99, T04 and X99), describe the process (including its design capacity) in the space provided in Item 8.

**B. PROCESS DESIGN CAPACITY** – For each code entered in Item 7.A; enter the capacity of the process.  
 1. **AMOUNT** – Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.  
 2. **UNIT OF MEASURE** – For each amount entered in Item 7.B(1), enter the code in Item 7.B(2) from the list of unit of measure codes below that describes the unit of measure used. Select only from the units of measure in this list.

**C. PROCESS TOTAL NUMBER OF UNITS** – Enter the total number of units for each corresponding process code.

Process Code	Process	Appropriate Unit of Measure for Process Design Capacity	Process Code	Process	Appropriate Unit of Measure for Process Design Capacity
<b>Disposal</b>			<b>Treatment (Continued)</b>		
D79	Underground Injection Well Disposal	Gallons; Liters; Gallons Per Day; or Liters Per Day	T81	Cement Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; BTU Per Hour; Liters Per Hour; Kilograms Per Hour; or Million BTU Per Hour
D80	Landfill	Acre-feet; Hectares-meter; Acres; Cubic Meters; Hectares; Cubic Yards	T82	Lime Kiln	
D81	Land Treatment	Acres or Hectares	T83	Aggregate Kiln	
D82	Ocean Disposal	Gallons Per Day or Liters Per Day	T84	Phosphate Kiln	
D83	Surface Impoundment Disposal	Gallons; Liters; Cubic Meters; or Cubic Yards	T85	Coke Oven	
D99	Other Disposal	Any Unit of Measure Listed Below	T86	Blast Furnace	
<b>Storage</b>			T87	Smelting, Melting, or Refining Furnace	
S01	Container	Gallons; Liters; Cubic Meters; or Cubic Yards	T88	Titanium Dioxide Chloride Oxidation Reactor	
S02	Tank Storage	Gallons; Liters; Cubic Meters; or Cubic Yards	T89	Methane Reforming Furnace	
S03	Waste Pile	Cubic Yards or Cubic Meters	T90	Pulping Liquor Recovery Furnace	
S04	Surface Impoundment	Gallons; Liters; Cubic Meters; or Cubic Yards	T91	Combustion Device Used in the Recovery of Sulfur Values from Spent Sulfuric Acid	
S05	Drip Pad	Gallons; Liters; Cubic Meters; Hectares; or Cubic Yards	T92	Halogen Acid Furnaces	
S06	Containment Building Storage	Cubic Yards or Cubic Meters	T93	Other Industrial Furnaces Listed in 40 CFR 260.10	
S99	Other Storage	Any Unit of Measure Listed Below	T94	Containment Building Treatment	Cubic Yards; Cubic Meters; Short Tons Per Hour; Gallons Per Hour; Liters Per Hour; BTU Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Metric Tons Per Day; Gallons Per Day; Liters Per Day; Metric Tons Per Hour; or Million BTU Per Hour
<b>Treatment</b>			<b>Miscellaneous (Subpart X)</b>		
T01	Tank Treatment	Gallons Per Day; Liters Per Day	X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below
T02	Surface Impoundment	Gallons Per Day; Liters Per Day	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Hour; Short Tons Per Day; Metric Tons Per Day; Pounds Per Hour; Kilograms Per Hour; Gallons Per Hour; Liters Per Hour; or Gallons Per Day
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; BTUs Per Hour; Pounds Per Hour; Short Tons Per Day; Kilograms Per Hour; Gallons Per Day; Metric Tons Per Hour; or Million BTU Per Hour	X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; BTU Per Hour; or Million BTU Per Hour
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Short Tons Per Day; BTUs Per Hour; Gallons Per Day; Liters Per Hour; or Million BTU Per Hour	X04	Geologic Repository	Cubic Yards; Cubic Meters; Acre-feet; Hectare-meter; Gallons; or Liters
T80	Boiler	Gallons; Liters; Gallons Per Hour; Liters Per Hour; BTUs Per Hour; or Million BTU Per Hour	X99	Other Subpart X	Any Unit of Measure Listed Below

Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code	Unit of Measure	Unit of Measure Code
Gallons	G	Short Tons Per Hour	D	Cubic Yards	Y
Gallons Per Hour	E	Short Tons Per Day	N	Cubic Meters	C
Gallons Per Day	U	Metric Tons Per Hour	W	Acres	B
Liters	L	Metric Tons Per Day	S	Acre-feet	A
Liters Per Hour	H	Pounds Per Hour	J	Hectares	Q
Liters Per Day	V	Kilograms Per Hour	X	Hectare-meter	F
		Million BTU Per Hour	X	BTU Per Hour	I





9. Description of Hazardous Wastes (Continued. Use additional sheet(s) as necessary; number pages as 5a, etc.)																	
Line Number	A. EPA Hazardous Waste No. (Enter code)					B. Estimated Annual Qty of Waste	C. Unit of Measure (Enter code)	D. PROCESSES									
	(1) PROCESS CODES (Enter Code)							(2) PROCESS DESCRIPTION (If code is not entered in 9.D(1))									
	1	D	0	0	1	140000	G	S	0	1	S	0	2				
	2	D	0	0	2												Included with above
	3	D	0	0	4												Included with above
	4	D	0	0	5												Included with above
	5	D	0	0	6												Included with above
	6	D	0	0	7												Included with above
	7	D	0	0	8												Included with above
	8	D	0	0	9												Included with above
	9	D	0	1	0												Included with above
1	0	D	0	1	1												Included with above
1	1	D	0	1	8												Included with above
1	2	D	0	1	9												Included with above
1	3	D	0	2	1												Included with above
1	4	D	0	2	2												Included with above
1	5	D	0	2	3												Included with above
1	6	D	0	2	4												Included with above
1	7	D	0	2	5												Included with above
1	8	D	0	2	6												Included with above
1	9	D	0	2	7												Included with above
2	0	D	0	2	8												Included with above
2	1	D	0	2	9												Included with above
2	2	D	0	3	0												Included with above
2	3	D	0	3	2												Included with above
2	4	D	0	3	3												Included with above
2	5	D	0	3	4												Included with above
2	6	D	0	3	5												Included with above
2	7	D	0	3	6												Included with above
2	8	D	0	3	7												Included with above
2	9	D	0	3	8												Included with above
3	0	D	0	3	9												Included with above
3	1	D	0	4	0												Included with above
3	2	D	0	4	1												Included with above
3	3	D	0	4	2												Included with above
3	4	D	0	4	3												Included with above
3	5	F	0	0	2	10,000	G	S	0	1							
3	6	F	0	0	3												Included with above



**10. Map**

Attach to this application a topographical map, or other equivalent map, of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all spring, rivers, and other surface water bodies in this map area. See instructions for precise requirements.

**11. Facility Drawing**

All existing facilities must include a scale drawing of the facility (see instructions for more detail).

**12. Photographs**

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment, and disposal areas; and sites of future storage, treatment, or disposal areas (see instructions for more detail).

**13. Comments**

STORAGE FACILITY  
PERMIT APPLICATION  
SAFETY-KLEEN SYSTEMS, INC. SERVICE CENTER  
FARMINGTON, NEW MEXICO  
NMD 980698849

Original Permit Application:  
Permit Renewal Application

September 14, 1987  
March 28, 2013

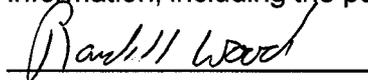
March 28, 2013

Farmington, NM

CERTIFICATION STATEMENT

Farmington, New Mexico Service Center  
NMD 980698849

The undersigned, being an authorized representative of Safety-Kleen Systems, Inc. the permit applicant, certifies under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Randall Wood  
Branch Manager

Date 3-28-13

ATTESTATION

The undersigned, attesting witness to the Certification Statement and this document dated, March 28, 2013, of which this affidavit is a part, states that I am personally responsible for the preparation of the document, that I personally gathered the information contained herein, and further that the information, to the best of my knowledge and belief, is true, accurate and complete



Jason Blaylock  
Environmental Compliance Manager

Date 3-28-13

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**ATTACHMENT H FINANCIAL LIABILITY DOCUMENTS**

## 1.0 FACILITY DESCRIPTION

### ABSTRACT

**CORPORATE HEADQUARTERS:** Safety-Kleen Systems, Inc.  
2600 N. Central Expy.  
Richardson, TX 75080  
(972) 265-2000

**RESPONSIBLE OFFICIALS:** Randall Wood  
Branch Manager

**FACILITY ADDRESS:** Safety-Kleen Systems, Inc. (7-008-21)  
4210 A Hawkins Road  
Farmington, New Mexico 87401

**TELEPHONE NUMBER:** (505) 327-9070

**U.S. EPA I.D. NUMBER:** NMD 980698849

**GEOGRAPHIC LOCATION:** 36° 44' 20" N  
108° 14' 11" W

**OWNER:** COMET Corporation  
1215 Brentwood Circle  
Farmington, New Mexico 87401  
(303) 884-2602 (505) 325-3743 (June 1992)

**DATE OPERATIONS BEGAN:** January 1, 1981

**DESCRIPTION OF ACTIVITIES:** This facility is a collection point for many spent materials generated by Safety-Kleen customers, the majority of whom are small quantity generators. All wastes are ultimately transported to a Safety-Kleen recycling facility or other properly permitted facility for processing.

**PROPERTY DESCRIPTION:** 0.80 acres with the following structures:  
a. one building with offices and a warehouse for container storage;  
b. two aboveground storage tanks (one for product and one for spent solvent) with concrete diking; and  
c. one loading dock with a solvent return and fill station.

FACILITY TYPE:

Storage in an aboveground tank (S02) and in containers (S01)

<u>STORAGE UNIT</u>	<u>CAPACITY (GAL.)</u>	<u>SECONDARY CONTAINMENT (GAL.)</u>	<u>MATERIAL TO BE STORED</u>
Tank	12,000	18,266	Spent Solvent (D001) <sup>1</sup>
Container Storage	3,820	382	Spent Immersion Cleaner, Dry Cleaning Waste (F002) <sup>1</sup> Sediment from Tank Bottoms or Ancillary Equipment <sup>1</sup> Aqueous Parts Washer Solvents <sup>1</sup> Paint Wastes (D001, F002, F005) <sup>1</sup> Photo Imaging Wastes (D011) <sup>2</sup>

Notes: <sup>1</sup> Waste may also include the following waste codes: D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043

<sup>2</sup> Photo imaging wastes may not be considered a hazardous or solid waste if the hazardous constituent (silver) is reclaimed.

## 1.0 FACILITY DESCRIPTION

### 1.1. Description Of Business Activity

Safety-Kleen Systems, Inc. is an international service-oriented company whose customers are primarily engaged in automotive repair, industrial maintenance and dry cleaning. The company has been operating since 1968 offering solvent collection and reclamation services for its customers.

Currently, Safety-Kleen offers several services that involve the accumulation, transfer and storage of spent materials. These materials are transported from the Service Center to one of the Safety-Kleen recycle centers or an independent reclaimer. A description of each of these services follows:

#### 1.1.1 Parts Cleaner Service

The original service offered by the Company in 1968 was the parts cleaner service and it remains the primary business activity. This service involves the leasing of a small parts degreasing unit which consists of a reservoir and a degreasing area. The reservoir contains a degreaser such as petroleum naphtha solvent, immersion cleaner solvent, or aqueous cleaner. On a regularly scheduled basis, a Safety-Kleen representative cleans and inspects the parts cleaner unit and replaces the reservoir of spent material with clean (most often recycled) product. The material is then transported back to the service center.

At the end of each day, the solvent is transferred from the drums to a storage tank at the service center and containers of product are prepared for the next day's services. Periodically, a tanker truck is dispatched from one of the recycle centers to deliver a load of clean solvent and collect the spent solvent at the service center. Two-thirds of the solvent used by Safety-Kleen customers has been reclaimed with the remainder being purchased from a vendor.

Spent material is poured into the dumpster/drum washer in the return and fill station. It is then pumped into the used parts washer solvent storage tank. The sediment which accumulates in the bottom of the dumpster/drum washer is removed manually, drummed and stored in the return and fill station according to the satellite accumulation requirements of 40 CFR 262.34(b). The drummed sediment is manifested off-site prior to the expiration of the 90-day time frame for accumulation of hazardous waste.

Safety-Kleen has also established a parts cleaner service for users who own their machines. This service, known as the Customer Owned Machine Service, provides a solvent reclamation service to these customers regardless of machine model. The used solvent is pumped (using a hand pump) from the customer owned machine to a standard Safety-Kleen container which

meets DOT requirements (typically a 16 or thirty gallon container) by a Safety-Kleen sales representative. The waste solvent is stored in the same manner as the waste solvent collected from the leased parts cleaner machines. The sales representative then refills the customer-owned machine with Safety-Kleen parts washer solvent.

A second type of parts washer, the immersion cleaner, is available for the removal of varnish and gum from such things as carburetors and transmissions. This machine consists of an immersible basket with an agitator affixed to a DOT-approved container (typically a 16 gallon drum). The immersion cleaner is non-halogenated hydrocarbon mixture. The spent solvent remains in the drum after delivery to the service center where it is stored in a contained area of the warehouse. Periodically, a box trailer truck is dispatched from a recycle center to deliver containers of fresh solvent and collect the containers of spent immersion cleaner solvent for reclamation.

#### 1.1.2 Dry Cleaner Service

In 1984, Safety-Kleen began offering a service for the collection of filter cartridges and still bottoms contaminated with dry cleaning solvents (usually perchloroethylene). These wastes are containerized on the customer's premises and are periodically collected by a sales representative. The containerized waste is accumulated in the container storage area prior to shipment to a Safety-Kleen recycle center contract reclaimer or other permitted facility. About 35% of this waste is returned to dry cleaners as usable product.

#### 1.1.3 Paint Waste Collection Service

In 1986, a paint waste reclamation program was initiated to service automobile body repair businesses. Waste containing various thinners and paints are collected in DOT-approved containers on the customer's premises. The sales representative collects these containers and stores them in the container storage area of the warehouse. These wastes are periodically transported to a reclaimer and the regenerated solvent is distributed to Safety-Kleen customers for use as product.

#### 1.1.4 Imaging/Photochemical Service

Imaging waste consists typically of three waste streams. Photo fixer solution is used to etch photo film during processing. This material is characteristic for silver (D011). Safety Kleen is able to recover the hazardous constituent from the photo fixer solution. Used photo developer is an aqueous solution used to neutralize the etching effects of the photo fixer. This material exhibits no hazardous characteristics but may not be discharged into public wastewater treatment system in some communities. Silver collection canisters are sent to a recycle center for silver reclamation. These canisters do not meet the definition of a solid waste per 40 CFR 260.30(c) and are managed as a non-regulated material.

The Imaging/Photochemical wastes are placed in containers at the customer's place of business. Several of these wastes are not considered hazardous or solid wastes because the hazardous constituent may be reclaimed. However, the sales representative collects these containers and stores them in the container storage area of the warehouse. The

imaging/photochemical wastes are then re-manifested and periodically sent to a Safety-Kleen recycle center, contract reclaimer or other permitted treatment facility.

## 1.2 Description Of The Facility

The Farmington service center has been operating as a storage facility since January 1, 1981. The facility consists of the following structures:

- a. 1,530 square foot warehouse with offices and a container storage area;
- b. two nominal 12,000 gallon aboveground storage tanks, with diking used for storage of product and waste solvents; and
- c. a solvent return and fill station with a loading dock, wet dumpster, drum washer (non- regulated, continued use unit), and secondary containment.

Descriptions of the surrounding area and of waste management practices at the service center follow. Applicable maps and facility drawings are in Attachment E.

### 1.2.1 Regional Description

The Farmington Service Center is located 600 feet northeast of the intersection of Troy King Road and West Main Street (U.S. Hwy 550) in San Juan County. This area is zoned industrial and to the best of Safety-Kleen's knowledge, no easements, title, deed, or usage restrictions exist which may conflict with operations at this site.

The western part of San Juan County is the Navajo Indian reservation. Eastern San Juan County, the location of Farmington, has a total area of 2,182,520 acres or 3,410 square miles. The total population of the area is approximately 50,000 with about 34,000 in Farmington. The major industries in Farmington are involved in the development of gas, oil and coal resources. Abundant rangeland contributed to the growth of the area through cattle raising and farming, however, this industry has largely declined.

Farmington has a continental climate with an average annual precipitation of 6 inches and total annual snowfall of 9 inches. The average temperature in winter is 44° F and the average summer temperature is 71° F. The average daily temperature range is 33 degrees. An average of 40 thunderstorms occur each year and prevailing winds are east-west.

San Juan County is in the San Juan Basin part of the Navajo section of the Colorado Plateau physiographic province. This area is a structural depression containing deep Tertiary till on rocks of late Cretaceous age. Farmington is located in the alluvial fan in the entrenched San Juan and Animas Rivers. The service center is not in the flood plain of either river. The elevation at the site is 5,470 feet above sea level. The San Juan River provides the principal drainage route for the area and the Animas River is its main tributary.

The soil in the area of the service center is the Avalon sandy loam. This is a deep well-drained soil on mesas and plateaus which formed in alluvial and eolian material derived from sandstone and shale. This soil is moderately permeable with slopes ranging from 5 to 8 percent.

The city of Farmington obtains its water primarily from the Animas River through two pump stations. Pump station 1 is located about two miles east of Farmington and pump station 2 and the Bee Line reservoir are several miles northeast of Farmington. Standby water is obtained from a pump station several miles south of Farmington on the San Juan River. The service center obtains water from the city of Farmington via a 6" water line on Hawkins Road. A drop inlet to the city storm sewer system is located approximately 500 feet west of the service center. Sewage is collected in a septic tank.

There are no known oil or gas wells within a mile of the service center. No parks, schools, wetlands, or critical habitats exist within one mile of the service center.

The non-building areas of the facility are paved with asphalt, concrete or gravel, as noted on the Site Plan in Attachment E. The majority of the vehicular traffic and loading/unloading operations occur at and near the return and fill station and this area is paved with asphalt and concrete. The entrance to the facility is on Hawkins Road which is the major access road to the facility. The access road was designed in accordance with engineering criteria appropriate for sustaining the traffic volume and loading for the industrial activities in this area. The route truck that daily travels the routes between the service center and its customers uses the two-lane approach driveway. The trucks dispatched from the recycle center to deliver and pick up fresh and used solvents perform these activities at the aboveground tank area.

This permit application has been organized similar to the previous permit application to maintain consistency. The remaining sections of this permit application (Waste Analysis Plan, Preparedness, and Prevention Plan, etc.) are included in attachments A through H. Relevant information associated with each attachment is presented at the end of each respective attachment.

**ATTACHMENT A**  
**WASTE ANALYSIS PLAN**

**March 28, 2013**

**Farmington, NM**

## WASTE ANALYSIS PLAN

### ABSTRACT

<u>Waste EPA Waste Description</u>	<u>Facility Code Nos.</u>	<u>Annual Capacity</u> <sup>1</sup>	<u>Amount</u> <sup>2</sup>
Spent Solvents	D001 <sup>3</sup>	12,000	50
Bottom Sediment From the Tank and Ancillary Equipment	D001 <sup>3</sup>	N/A	2
Spent Immersion Cleaner	D001 <sup>3</sup>	4,464	3
Dry Cleaning Waste	D001, F002 <sup>3</sup>		6
Paint Waste	F003, F005, D001 <sup>3</sup>	4,464	
Photo Chemical Wastes	D011	4,464	

NOTES:

<sup>1</sup> The facility capacity is in gallons.

<sup>2</sup> The annual amount is in thousands of gallons.

<sup>3</sup> and may also include D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043

<sup>4</sup> The total amount of drummed waste stored in the warehouse will not exceed 3,820 gallons.

## WASTE ANALYSIS PLAN

### A.1 Description Of Wastes

Several types of waste representing core Safety-Kleen Products result from the servicing of Safety-Kleen customers and the maintenance of the service center. Analytical data for the wastes and specifications for the products are in Attachment A.1 and qualitative descriptions follow.

#### A.1.1 Wastes Resulting From the Parts Washer Service

Used solvents from parts washers is accumulated in a nominal 12,000 gallon aboveground storage tank via the return and fill station. Containers of spent material (typically 16- and 30-gallon containers) are poured into a drum washer/dumpster at the return and fill station which in turn empties into the tank. Five types of parts washer waste are generally produced as a result of the parts washer service.

- a. Spent Solvent--The spent solvent is removed from the tank by a tanker truck on a scheduled basis. About 5,000 gallons are removed every month. This waste is ignitable (D001) and may exhibit the toxicity characteristic of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043.
- b. Bottom Sediment in the Tank--Periodically, it is necessary to remove sediment and other heavy material from the bottom of the tank. A Safety-Kleen vacuum truck is generally used for this purpose. The sediment is ignitable (D001) and may exhibit the toxicity characteristic of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043.
- c. Drum Washer/Dumpster sediment--Sediment also accumulates in the bottom of the drum washers/dumpsters in the return and fill station. This sediment is removed manually with a shovel, containerized and the containers are stored in the Container Storage Area of the warehouse. Containers are properly labeled to indicate their contents. The chemical composition of this waste is very similar to that of the bottom sediment from the tank and therefore, carries the same EPA hazardous waste codes.
- d. Immersion Cleaner--remains in the container in which it was originally packaged and used until it is ultimately received at the recycle center. The immersion cleaner is a non- halogenated hydrocarbon mixture and may exhibit the toxicity characteristics of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043. The containers are properly labeled, placed on pallets and are stacked no more than 2 pallets high in the CSA of the warehouse.

e. Aqueous Parts Cleaner Solvents: This waste may be placed into the used parts cleaner solvent tank as discussed above, bulked onsite in larger DOT approved containers and stored in the CSA, or remain in the container in which it was originally used. The aqueous parts cleaner may exhibit the toxicity characteristics of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043.

#### A.1.2 Wastes Resulting From the Dry Cleaner Service

Dry cleaning wastes consist of spent filter cartridges, separator water powder residue from diatomaceous or other powder filter systems and still bottoms. These wastes are packaged on the customer's premises in containers which meet DOT requirements (typically black 16-, 30-, or split 30-gallon containers). The containers are then palletized, stacked two-high and placed in the container storage area of the warehouse. Approximately 90% of the dry cleaning solvent used is perchloroethylene (F002 and D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043) and 5% is trichlorotrifluoroethane (F002) and may exhibit the toxicity characteristics of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043 and 5% is mineral spirits which would add the waste code D001. Other types of dry cleaning wastes (e.g. freon) will be managed on a transfer basis only.

Dry cleaner separator water is generated during the distilling of the used perchloroethylene. Perchloroethylene and water are separated during distilling. Separator water is typically less than 10 % perchloroethylene and is being handled as an F002 waste.

#### A.1.3 Paint Wastes

Paint wastes consist of various lacquer thinners (D001, F003, and F005) and paints. Paint wastes may also exhibit the toxic characteristics of D004, D005, D006, D007, D008, D009, D010, D011, D018, D019, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, D040, D041, D042, and D043. The waste is collected in DOT-approved containers at the customer's place of business. The containers are then transported to the facility and stored in the container storage area of the warehouse.

#### A.1.4 Photographic/Imaging Wastes

Some photographic imaging wastes managed by the facility are not solid wastes per 40 CFR 261.2(c) because their hazardous constituent is reclaimed. Others are managed under the provisions of Subpart F of 40 CFR 266 – Recyclable Materials Utilized for Precious Metals Recovery. Imaging waste consists typically of three waste streams. Photo fixer solution is an aqueous solution used to etch photo film during processing. This material is characteristic for silver (D011). Safety-Kleen is able to recover the silver from the solution. Used Photo developer is an aqueous solution that exhibits no hazardous waste characteristics but may not be allowed to discharge into public wastewater treatment systems in some communities. Silver

collection canisters are sent to a recycle center for reclamation. These canisters do not meet the definition of a hazardous waste as per 40 CFR 260.30(c) and are managed as a non-regulated material.

## A.2 Quality Control Procedures

The used solvents are the primary feed stocks for the generation of Safety-Kleen solvent products. As a result, quality control of the spent solvents is necessary to ensure that reclamation occurs in the safest and most efficient manner possible. The service center collects spent solvents from approximately 400 customers, most of whom are small quantity generators, and containers of recoverable solvents are returned to the service center for shipment to a reclaimer. With such large numbers of waste generators and waste shipments, performing detailed analyses at the service center is economically and logistically infeasible.

Furthermore, as discussed earlier in the Facility Description, the materials collected at the service center are managed at all times in the closed loop system and are usually collected from a company with a single process. The composition and quality of these materials are known and Safety-Kleen's operating experiences have shown that the collected materials rarely deviate from company specifications. As an additional safeguard, Safety-Kleen personnel are instructed to inspect all materials before returning them to the service centers. This mode of operation has been proven to safeguard the recycling process and maintain a quality product.

In accordance with HWMR 206.B.3, however, Safety-Kleen will perform physical and chemical analysis of a waste stream when it is notified or has reason to believe that the process or operation generating the waste has changed, or when the result of inspection indicates that the waste collected does not match that designated on the manifest or shipping documents. It is Safety-Kleen's practice that suspected non-conforming material must not be accepted until a full analysis has been done or the material must be rejected. Procedures to verify waste characteristics occur at several check points in the management of the solvent.

### A.2.1 Parts Washer Service

Prior to leasing a parts cleaning machine, the customer's business activity is reviewed. Where the possibility exists for contamination of the parts washer solvents (e.g., pesticide, herbicide or pharmaceutical operations), the process is reviewed to insure that the solvent is protected from the potential sources of contamination.

Sales representatives are instructed to visually examine the spent solvents when the machines are serviced, noting the quantity, odor and appearance of the material recovered as follows:

- a. The quantity of used solvent in the containers--Normally the 16-gallon containers of spent mineral spirits contains approximately nine gallons of liquid, the 30-gallon drum about nineteen gallons and the 16-gallon containers of spent immersion cleaner about four and one-half gallons. When the amount of liquid is substantially different from the expected quantity, an inquiry of the customer's operation and handling procedures is

made. Contingent on the customer's responses, the solvent is accepted or left with the customer until analysis is completed to determine its acceptability.

b. The odor of the liquid in the container--Should the odor of the liquid in the drum be different from that of the mineral spirits or immersion cleaner, the container is set aside for further action as described in item 'a'.

c. The appearance of the liquid in the container--The used mineral spirits should be greenish-brown in color and float on water. The immersion cleaner is a single-phase liquid, which is dark brown in color. Liquids in the containers which deviate from the above descriptions, or which contain substantial amounts of water, high density solvent and/or oil at the bottom should be set aside for further action as described in item 'a'.

At the service center, the sales representative or the warehouseman again observes the quantity, odor and appearance of the solvent prior to emptying the solvent into the wet drum washer. Containers with questionable contents are set aside and the customer is questioned. Pending their response, the drum is accepted, returned to the customer, or properly disposed of at the customer's expense. The immersion cleaner containers are never opened at the service center, so additional verification is not possible until it reaches the recycle center.

#### A.2.2 Dry Cleaner Waste Collection Service

The dry cleaning wastes are collected from facilities where one process is managed and the possibility of cross-contamination from other chemicals or wastes is minimal. The containers are picked up by the sales representative and delivered to the service center and stored in the container storage area. The containers are not reopened until they reach the recycle center.

#### A.2.3 Paint Wastes

Safety-Kleen handles both lacquer thinner waste generated from the paint gun cleaning process and paint waste.

a. Lacquer thinner waste: The significant criterion for determining whether lacquer thinner waste will be accepted is volume. The solvent is provided to customers in 5-gallon containers. The paint gun cleaning machine operates as a closed system whereby there should never be a combined volume of more than 7 ½ gallons of solvent in the containers. If a service representative discovers more than a total of 7 ½ gallons of solvent in the two containers, the waste will be rejected or sampled for analysis to determine its acceptability.

b. Paint Waste: Paint wastes are collected from the facilities where one process is managed and the possibility of cross contamination from other chemicals or wastes is minimal. The contents of the containers are verified by the sales representative when he or she services the customer and the containers are not reopened until they reach the recycle center.

#### A.2.4 Photographic/Imaging Waste

Photographic/imaging waste is collected from facilities where one process is managed and the possibility of cross contamination is minimal. The sales representative inspects the contents of the containers of photographic/imaging waste when the sales representative services the customer. The pH and silver content of the waste is checked at the time of service, and the waste is also inspected visually.

#### A.3 Waste Analyses at the Recycle Center

Analyses performed at the Safety-Kleen recycle centers are undertaken to safeguard the recycling process and to assure a product quality. The following section summarizes the waste analyses practiced at the recycle center for the hazardous materials returned from the Albuquerque branch. For each waste type stored at the branch, at least the following analyses must be performed annually (annual re-characterization analysis). If a particular waste stream is not managed at the service center during the previous year, no re-characterization analysis is performed. Copies of the results for the annual analyses must be maintained at the branch office for the life of the permit. A copy of the most recent re-characterization analysis is contained in Attachment A-1.

##### A.3.1 Solvents

- Flash point (must be greater than 90°F). If the flashpoint is unacceptable, the Albuquerque Branch Manager will be notified immediately and the load will receive appropriate special handling. If the results are acceptable, the following tests will be performed:
- Volatile Organic Analysis, using EPA Methods 8015, 8021, 8260, or approved equivalents.
- Physical appearance, including bottom sediment and water content
- Specific gravity
- pH
- Distillation performance

If any of these tests yield unacceptable results or indicate solvent contamination outside the normal range, the Branch Manager will be notified immediately.

In addition to the tests listed above, which will be performed on a representative sample from every load received at the recycle center from the Albuquerque service center, a full Toxicology Characteristic Leaching Procedure (TCLP) analysis for all 40 constituents, (except for pesticides and herbicides) will be performed at least once each calendar year.

### A.3.2 Solvent Tank Bottom Sludge and Free Water

- Flash point (Must be greater than 90°F).
- Analysis for content of lead, cadmium, and chromium.
- pH

As described above for solvent, a full TCLP analysis (except for the pesticides and herbicides) will be performed on a representative sample at least once each calendar year.

### A.3.3 Immersion Cleaner Solvent

Containers of waste immersion cleaner are typically characterized at the recycle center using the following criteria:

- Flash point
- Physical appearance
- Specific gravity
- Percent water
- Volatile Organic Analysis (using EPA methods 8015, 8021, 8260 or approved equivalents)

If any of these tests yield unacceptable results or indicate solvent contamination outside the normal range, the Branch Manager will be notified immediately. As described above, a full TCLP test (except for pesticides and herbicides) will be performed on a representative sample of immersion cleaner at least once each calendar year.

### A.3.4 Dry Cleaning Solvent/Still Bottoms

- Physical appearance
- Volatile Organic Analysis for Perchloroethylene (using EPA methods 8015, 8021, 8260 or approved equivalents)
- Specific gravity

If any of these tests yield unacceptable results or indicate contamination outside the normal range, the Branch Manager will be notified immediately.

As described above, a full TCLP test (except for pesticides and herbicides) will be performed on a representative sample of dry cleaning waste at least once each calendar year.

#### A.3.5 Paint Waste

Paint wastes are generally characterized at the recycle center using the following criteria:

- Metals
- Flash points
- Physical appearance
- Specific gravity
- Percent water
- Volatile organic analysis (using EPA methods 8015, 8021, 8260, or approved equivalents)

As described above, a full TCLP test (except for pesticides and herbicides) will be performed on a representative sample of paint waste at least once each calendar year.

#### A.4 Waste Analysis Plan Update

This waste analysis plan will be modified when a new waste product is collected or when sampling and material management methods change. Revisions to the waste analysis plan will be provided to the facility manager and training will be conducted for appropriate personnel.

#### A.5 Land Ban Notification/Certification Forms

In accordance with 40 CFR 268.7, Safety-Kleen will provide notification/certification for wastes banned from landfills as follows:

- a. Printing the Notice language on the manifests - such as for core-business customers to branch shipments; or
- b. Special forms for each regularly handled waste type (e.g., MS, IC, perc, freon); or
- c. A general form that must be completed for unique or non-standard waste streams.

These wastes will only be handled on a transfer basis, in accordance with 40 CFR 263.12.

The Notice is required paperwork for all Safety-Kleen waste types. Shipments lacking the proper Notice will not be accepted by any Safety-Kleen facility. When a shipment with the proper Notice is received, the Notice is kept in the files of the receiving facility with the manifest or with the pre-print if a manifest is not used.

#### A.6 Operating Log Record

Safety-Kleen maintains an operating log record on site which includes the following information as it becomes available:

- 1) A description and the quantity of each hazardous waste received, and the method and date of its storage as required by Pt. V. sec. 264, Appendix I;
- 2) The location of each hazardous waste within the facility and the quantity;
- 3) Records and results of waste analyses performed;
- 4) Summary reports and details of all incidents that require implementing the contingency plan;
- 5) Records and results of inspections;
- 6) Monitoring, testing or analytical data and corrective action where required;
- 7) For off-site facilities, Notices to generators as specified in 264.12(b);
- 8) All closure and post-closure cost estimates;
- 9) A certification by the permittee no less often than annually, that the permittee has a program in place to reduce the volume and toxicity of hazardous waste;
- 10) The land ban notices and requirements. These records are kept on file in the resource recovery (May 1994) branch manager's office.

#### A.7 Waste Determination for Subpart BB and CC Compliance

For purposes of waste determination, this facility utilizes knowledge of the wastes described in Section A.1, A.2 and A.3 above. For those hazardous wastes which are managed on a transfer basis, the Subpart CC regulation does not apply. However, the owner/operator may use knowledge of the waste based on information included in manifests, shipping papers, or waste certification notices to confirm waste determination for the generator or the ultimate receiving facility.

Based upon this knowledge, it has been determined that all wastes managed in tanks or containers at this facility may display an average volatile organic concentration of greater than 500 ppmw at the point of waste origination. Documentation of this knowledge is provided in Attachment A.1 (waste characterization analytical results), as required in 40 CFR 264.1063(d) and 264.1083. Therefore, hazardous wastes managed in tanks or containers at this facility shall be managed in accordance with the applicable Subpart CC standards.

**ATTACHMENT A.1**  
**ANNUAL RECHARACTERIZATION DATA**

**March 28, 2013**

**Farmington, NM**

State	CLIENT_ID	PARAMETER	BRANCH_ID	LAB_SAMPLE_ID	RESULT	Ranked Data	UNITS	QUALIFIER	REPORTING_LIMIT	Uth	Year	Count	City
NM	Dry Cleaning PERC Bottoms	1,1-Dichloroethene	7179	180-12801-1	0.25	0.125	mg/L	U	0.25		2012		Farmington
NM	Dry Cleaning PERC Bottoms	1,1-Dichloroethene	700804	180-1901-1	0.68	0.68	mg/L		0.5		2011		Farmington
NM	Dry Cleaning PERC Bottoms	1,1-Dichloroethene	700804	COI130447001	200	100	mg/L	U	200		2010		Farmington
NM	Dry Cleaning PERC Bottoms	1,2-Dichloroethane	7179	180-12801-1	0.25	0.125	mg/L	U	0.25		2012		Farmington
NM	Dry Cleaning PERC Bottoms	1,2-Dichloroethane	700804	180-1901-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Dry Cleaning PERC Bottoms	1,2-Dichloroethane	700804	COI130447001	200	100	mg/L	U	200		2010		Farmington
NM	Dry Cleaning PERC Bottoms	1,4-Dichlorobenzene	700804	180-1901-1	0.58	0.58	mg/L		0.5		2011		Farmington
NM	Dry Cleaning PERC Bottoms	1,4-Dichlorobenzene	7179	180-12801-1	15	15	mg/L		0.25		2012		Farmington
NM	Dry Cleaning PERC Bottoms	1,4-Dichlorobenzene	700804	COI130447001	200	100	mg/L	U	200		2010		Farmington
NM	Dry Cleaning PERC Bottoms	2,4,5-Trichlorophenol	700804	COI130447001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	Dry Cleaning PERC Bottoms	2,4,5-Trichlorophenol	700804	180-1901-1	20	10	mg/L	U	20		2011		Farmington
NM	Dry Cleaning PERC Bottoms	2,4,5-Trichlorophenol	7179	180-12801-1	20	10	mg/L	U	20		2012		Farmington
NM	Dry Cleaning PERC Bottoms	2,4,6-Trichlorophenol	700804	COI130447001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	Dry Cleaning PERC Bottoms	2,4,6-Trichlorophenol	700804	180-1901-1	20	10	mg/L	U	20		2011		Farmington
NM	Dry Cleaning PERC Bottoms	2,4,6-Trichlorophenol	7179	180-12801-1	20	10	mg/L	U	20		2012		Farmington
NM	Dry Cleaning PERC Bottoms	2,4-Dinitrotoluene	700804	COI130447001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	Dry Cleaning PERC Bottoms	2,4-Dinitrotoluene	700804	180-1901-1	20	10	mg/L	U	20		2011		Farmington
NM	Dry Cleaning PERC Bottoms	2,4-Dinitrotoluene	7179	180-12801-1	20	10	mg/L	U	20		2012		Farmington
NM	Dry Cleaning PERC Bottoms	2-Methylphenol	700804	COI130447001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	Dry Cleaning PERC Bottoms	2-Methylphenol	700804	180-1901-1	20	10	mg/L	U	20		2011		Farmington
NM	Dry Cleaning PERC Bottoms	2-Methylphenol	7179	180-12801-1	20	10	mg/L	U	20		2012		Farmington
NM	Dry Cleaning PERC Bottoms	Arsenic	700804	COI130447001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	Dry Cleaning PERC Bottoms	Arsenic	700804	180-1901-1	1	0.5	mg/L	U	1	45	2011	73	Farmington
NM	Dry Cleaning PERC Bottoms	Arsenic	7179	180-12801-1	1	0.5	mg/L	U	1		2012		Farmington
NM	Dry Cleaning PERC Bottoms	Barium	700804	COI130447001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	Dry Cleaning PERC Bottoms	Barium	7179	180-12801-1	2.4	2.4	mg/L	J	20		2012		Farmington
NM	Dry Cleaning PERC Bottoms	Barium	700804	180-1901-1	10	10	mg/L	J	20		2011		Farmington
NM	Dry Cleaning PERC Bottoms	Benzene	700804	180-1901-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Dry Cleaning PERC Bottoms	Benzene	7179	180-12801-1	0.6	0.6	mg/L		0.25		2012		Farmington
NM	Dry Cleaning PERC Bottoms	Benzene	700804	COI130447001	200	100	mg/L	U	200		2010		Farmington
NM	Dry Cleaning PERC Bottoms	Cadmium	700804	COI130447001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	Dry Cleaning PERC Bottoms	Cadmium	700804	180-1901-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Dry Cleaning PERC Bottoms	Cadmium	7179	180-12801-1	0.31	0.31	mg/L	J	0.5		2012		Farmington
NM	Dry Cleaning PERC Bottoms	Carbon tetrachloride	7179	180-12801-1	0.25	0.125	mg/L	U	0.25		2012		Farmington
NM	Dry Cleaning PERC Bottoms	Carbon Tetrachloride	700804	180-1901-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Dry Cleaning PERC Bottoms	Carbon Tetrachloride	700804	COI130447001	200	100	mg/L	U	200		2010		Farmington
NM	Dry Cleaning PERC Bottoms	Chlorobenzene	700804	180-1901-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Dry Cleaning PERC Bottoms	Chlorobenzene	7179	180-12801-1	0.4	0.4	mg/L		0.25		2012		Farmington
NM	Dry Cleaning PERC Bottoms	Chlorobenzene	700804	COI130447001	200	100	mg/L	U	200		2010		Farmington
NM	Dry Cleaning PERC Bottoms	Chloroform	700804	180-1901-1	2	1	mg/L	U	2		2011		Farmington
NM	Dry Cleaning PERC Bottoms	Chloroform	7179	180-12801-1	10	5	mg/L	U	10		2012		Farmington
NM	Dry Cleaning PERC Bottoms	Chloroform	700804	COI130447001	200	100	mg/L	U	200		2010		Farmington
NM	Dry Cleaning PERC Bottoms	Chromium	700804	COI130447001	0.22	0.22	mg/L		0.05		2010		Farmington
NM	Dry Cleaning PERC Bottoms	Chromium	700804	180-1901-1	0.25	0.25	mg/L	J	0.5		2011		Farmington

NM	Dry Cleaning PERC Bottoms	Chromium	7179	180-12801-1	8.4	8.4	mg/L		0.5	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Flash Point	700804	COI130447001	>200	201	Degrees F			2010	Farmington
NM	Dry Cleaning PERC Bottoms	Flash Point	700804	180-1901-1	>200	201	Degrees F		1	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Flash Point	7179	180-12801-1	141	141	Degrees F			2012	Farmington
NM	Dry Cleaning PERC Bottoms	Hexachlorobenzene	700804	COI130447001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Hexachlorobenzene	700804	180-1901-1	20	10	mg/L	U	20	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Hexachlorobenzene	7179	180-12801-1	20	10	mg/L	U	20	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Hexachlorobutadiene	700804	COI130447001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Hexachlorobutadiene	700804	180-1901-1	20	10	mg/L	U	20	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Hexachlorobutadiene	7179	180-12801-1	20	10	mg/L	U	20	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Hexachloroethane	700804	COI130447001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Hexachloroethane	700804	180-1901-1	20	10	mg/L	U	20	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Hexachloroethane	7179	180-12801-1	20	10	mg/L	U	20	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Lead	700804	COI130447001	0.13	0.13	mg/L		0.05	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Lead	700804	180-1901-1	1.1	1.1	mg/L		0.3	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Lead	7179	180-12801-1	2.7	2.7	mg/L		0.3	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Mercury	700804	COI130447001	0.0002	0.0001	mg/L	U	0.0002	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Mercury	700804	180-1901-1	0.033	0.0165	mg/L	U	0.033	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Mercury	7179	180-12801-1	0.033	0.0165	mg/L	U	0.033	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Methyl Ethyl Ketone	700804	180-1901-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Methyl Ethyl Ketone	7179	180-12801-1	7.2	7.2	mg/L		0.25	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Methyl Ethyl Ketone	700804	COI130447001	200	100	mg/L	U	200	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Methylphenol, 3 & 4	700804	COI130447001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Methylphenol, 3 & 4	700804	180-1901-1	20	10	mg/L	U	20	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Methylphenol, 3 & 4	7179	180-12801-1	20	10	mg/L	U	20	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Nitrobenzene	700804	COI130447001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Nitrobenzene	700804	180-1901-1	20	10	mg/L	U	20	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Nitrobenzene	7179	180-12801-1	20	10	mg/L	U	20	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Pentachlorophenol	700804	COI130447001	0.25	0.125	mg/L	U	0.25	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Pentachlorophenol	700804	180-1901-1	100	50	mg/L	U	100	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Pentachlorophenol	7179	180-12801-1	100	50	mg/L	U	100	2012	Farmington
NM	Dry Cleaning PERC Bottoms	pH	700804	COI130447001	5.4	5.4	No Units			2010	Farmington
NM	Dry Cleaning PERC Bottoms	pH	700804	180-1901-1	5.7	5.7	No Units		0.1	2011	Farmington
NM	Dry Cleaning PERC Bottoms	pH	7179	180-12801-1	6.08	6.08	No Units	H	0.1	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Pyridine	700804	COI130447001	0.1	0.05	mg/L	U	0.1	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Pyridine	700804	180-1901-1	100	50	mg/L	U	100	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Pyridine	7179	180-12801-1	100	50	mg/L	U	100	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Selenium	700804	COI130447001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Selenium	7179	180-12801-1	0.24	0.24	mg/L	J	0.5	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Selenium	700804	180-1901-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Silver	700804	COI130447001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Silver	700804	180-1901-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Silver	7179	180-12801-1	0.38	0.38	mg/L	J	0.5	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Specific Gravity	700804	180-1901-1	1.1	1.1	No Units		0.01	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Specific Gravity	7179	180-12801-1	1.1	1.1	No Units		0.01	2012	Farmington

NM	Dry Cleaning PERC Bottoms	Tetrachloroethene	7179	180-12801-1	76	76	mg/L		2.5	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Tetrachloroethene	700804	C01130447001	200	100	mg/L	U	200	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Tetrachloroethene	700804	180-1901-1	1200000	1200000	mg/L		20000	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Trichloroethene	7179	180-12801-1	16	16	mg/L		0.25	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Trichloroethene	700804	180-1901-1	91	91	mg/L	E	0.5	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Trichloroethene	700804	C01130447001	200	100	mg/L	U	200	2010	Farmington
NM	Dry Cleaning PERC Bottoms	Vinyl chloride	7179	180-12801-1	0.1	0.05	mg/L	U	0.1	2012	Farmington
NM	Dry Cleaning PERC Bottoms	Vinyl Chloride	700804	180-1901-1	0.2	0.1	mg/L	U	0.2	2011	Farmington
NM	Dry Cleaning PERC Bottoms	Vinyl Chloride	700804	C01130447001	200	100	mg/L	U	200	2010	Farmington

State	CLIENT_ID	PARAMETER	BRANCH_ID	LAB_SAMPLE_ID	RESULT	Ranked Data	UNITS	QUALIFIER	REPORTING_LIMIT	Uth	SAMPLE_DATE	Count	City
NM	Immersion Cleaner (Petroleum)	1,1-Dichloroethene	7179	180-12066-1	0.5	0.25	mg/L	U	0.5		2012		Farmington
NM	Immersion Cleaner (Petroleum)	1,1-Dichloroethene	700804	COK190659001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	Immersion Cleaner (Petroleum)	1,1-Dichloroethene	700804	180-2463-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Immersion Cleaner (Petroleum)	1,2-Dichloroethane	700804	COK190659001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	Immersion Cleaner (Petroleum)	1,2-Dichloroethane	700804	180-2463-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Immersion Cleaner (Petroleum)	1,2-Dichloroethane	7179	180-12066-1	0.5	0.25	mg/L	U	0.5		2012		Farmington
NM	Immersion Cleaner (Petroleum)	1,4-Dichlorobenzene	7179	180-12066-1	21	21	mg/L		0.5		2012		Farmington
NM	Immersion Cleaner (Petroleum)	1,4-Dichlorobenzene	700804	COK190659001	62	62	mg/L		0.5		2010		Farmington
NM	Immersion Cleaner (Petroleum)	1,4-Dichlorobenzene	700804	180-2463-1	180	180	mg/L		5		2011		Farmington
NM	Immersion Cleaner (Petroleum)	2,4,5-Trichlorophenol	700804	COK190659002	20	10	mg/L	U	20		2010		Farmington
NM	Immersion Cleaner (Petroleum)	2,4,5-Trichlorophenol	7179	180-12066-1	20	10	mg/L	U	20		2012		Farmington
NM	Immersion Cleaner (Petroleum)	2,4,5-Trichlorophenol	700804	180-2463-2	100	50	mg/L	U	100		2011		Farmington
NM	Immersion Cleaner (Petroleum)	2,4,6-Trichlorophenol	700804	COK190659002	20	10	mg/L	U	20		2010		Farmington
NM	Immersion Cleaner (Petroleum)	2,4,6-Trichlorophenol	7179	180-12066-1	20	10	mg/L	U	20		2012		Farmington
NM	Immersion Cleaner (Petroleum)	2,4,6-Trichlorophenol	700804	180-2463-2	100	50	mg/L	U	100		2011		Farmington
NM	Immersion Cleaner (Petroleum)	2,4-Dinitrotoluene	700804	COK190659002	20	10	mg/L	U	20		2010		Farmington
NM	Immersion Cleaner (Petroleum)	2,4-Dinitrotoluene	7179	180-12066-1	20	10	mg/L	U	20		2012		Farmington
NM	Immersion Cleaner (Petroleum)	2,4-Dinitrotoluene	700804	180-2463-2	100	50	mg/L	U	100		2011		Farmington
NM	Immersion Cleaner (Petroleum)	2-Methylphenol	700804	COK190659002	20	10	mg/L	U	20		2010		Farmington
NM	Immersion Cleaner (Petroleum)	2-Methylphenol	7179	180-12066-1	20	10	mg/L	U	20		2012		Farmington
NM	Immersion Cleaner (Petroleum)	2-Methylphenol	700804	180-2463-2	100	50	mg/L	U	100		2011		Farmington
NM	Immersion Cleaner (Petroleum)	Arsenic	700804	COK190659002	0.1	0.05	mg/L	U	0.1		2010		Farmington
NM	Immersion Cleaner (Petroleum)	Arsenic	700804	180-2463-2	0.1	0.1	mg/L		0.1		2011		Farmington
NM	Immersion Cleaner (Petroleum)	Arsenic	7179	180-12066-1	0.93	0.465	mg/L	U	0.93		2012		Farmington
NM	Immersion Cleaner (Petroleum)	Barium	700804	COK190659002	2	1	mg/L	U	2		2010		Farmington
NM	Immersion Cleaner (Petroleum)	Barium	700804	180-2463-2	1.4	1.4	mg/L	J	2		2011		Farmington
NM	Immersion Cleaner (Petroleum)	Barium	7179	180-12066-1	7.4	7.4	mg/L	JB	19		2012		Farmington
NM	Immersion Cleaner (Petroleum)	Benzene	7179	180-12066-1	0.5	0.25	mg/L	U	0.5		2012		Farmington
NM	Immersion Cleaner (Petroleum)	Benzene	700804	180-2463-1	3.9	3.9	mg/L		0.5		2011		Farmington
NM	Immersion Cleaner (Petroleum)	Benzene	700804	COK190659001	5.1	5.1	mg/L		0.5		2010		Farmington
NM	Immersion Cleaner (Petroleum)	Cadmium	700804	COK190659002	0.096	0.096	mg/L		0.05		2010		Farmington
NM	Immersion Cleaner (Petroleum)	Cadmium	7179	180-12066-1	12	12	mg/L		0.47		2012		Farmington
NM	Immersion Cleaner (Petroleum)	Cadmium	700804	180-2463-2	56	56	mg/L		0.1		2011		Farmington
NM	Immersion Cleaner (Petroleum)	Carbon Tetrachloride	700804	COK190659001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	Immersion Cleaner (Petroleum)	Carbon Tetrachloride	700804	180-2463-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Immersion Cleaner (Petroleum)	Carbon Tetrachloride	7179	180-12066-1	0.5	0.25	mg/L	U*	0.5		2012		Farmington
NM	Immersion Cleaner (Petroleum)	Chlorobenzene	7179	180-12066-1	0.36	0.36	mg/L	J	0.5		2012		Farmington
NM	Immersion Cleaner (Petroleum)	Chlorobenzene	700804	COK190659001	1.9	1.9	mg/L		0.5		2010		Farmington
NM	Immersion Cleaner (Petroleum)	Chlorobenzene	700804	180-2463-1	2	2	mg/L		0.5		2011		Farmington
NM	Immersion Cleaner (Petroleum)	Chloroform	700804	COK190659001	2	1	mg/L	U	2		2010		Farmington
NM	Immersion Cleaner (Petroleum)	Chloroform	700804	180-2463-1	2	1	mg/L	U	2		2011		Farmington
NM	Immersion Cleaner (Petroleum)	Chloroform	7179	180-12066-1	2	1	mg/L	U	2		2012		Farmington
NM	Immersion Cleaner (Petroleum)	Chromium	700804	COK190659002	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	Immersion Cleaner (Petroleum)	Chromium	700804	180-2463-2	2.2	2.2	mg/L		0.05		2011		Farmington
NM	Immersion Cleaner (Petroleum)	Chromium	7179	180-12066-1	2.5	2.5	mg/L		0.47		2012		Farmington
NM	Immersion Cleaner (Petroleum)	Flash Point	7179	180-12066-1	147	147	Degrees F		1		2012		Farmington
NM	Immersion Cleaner (Petroleum)	Flash Point	700804	COK190659001	142	142	Degrees F				2010		Farmington
NM	Immersion Cleaner (Petroleum)	Flash Point	700804	180-2463-2	138	138	Degrees F		1		2011		Farmington

NM	Immersion Cleaner (Petroleum)	Hexachlorobenzene	700804	COK190659002	20	10	mg/L	U	20	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Hexachlorobenzene	700804	180-2463-2	20	10	mg/L	U	20	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Hexachlorobenzene	7179	180-12066-1	20	10	mg/L	U	20	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Hexachlorobutadiene	700804	COK190659002	20	10	mg/L	U	20	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Hexachlorobutadiene	700804	180-2463-2	20	10	mg/L	U	20	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Hexachlorobutadiene	7179	180-12066-1	20	10	mg/L	U	20	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Hexachloroethane	700804	COK190659002	20	10	mg/L	U	20	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Hexachloroethane	7179	180-12066-1	20	10	mg/L	U	20	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Hexachloroethane	700804	180-2463-2	100	50	mg/L	U	100	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Lead	700804	COK190659002	0.21	0.21	mg/L		0.03	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Lead	700804	180-2463-2	14	14	mg/L		0.03	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Lead	7179	180-12066-1	20	20	mg/L		0.28	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Mercury	700804	180-2463-2	0.00054	0.00054	mg/L	J	0.002	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Mercury	700804	COK190659002	0.002	0.001	mg/L	U	0.002	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Mercury	7179	180-12066-1	0.032	0.016	mg/Kg	U	0.032	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Methyl Ethyl Ketone	7179	180-12066-1	8.5	8.5	mg/L		0.5	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Methyl Ethyl Ketone	700804	COK190659001	9.8	9.8	mg/L		0.5	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Methyl Ethyl Ketone	700804	180-2463-1	9.9	9.9	mg/L		0.5	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Methylphenol, 3 & 4	7179	180-12066-1	20	10	mg/L	U	20	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Methylphenol, 3 & 4	700804	180-2463-2	100	50	mg/L	U	100000	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Methylphenol, 3 & 4	700804	COK190659002	120	120	mg/L		20	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Nitrobenzene	700804	COK190659002	20	10	mg/L	U	20	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Nitrobenzene	7179	180-12066-1	20	10	mg/L	U	20	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Nitrobenzene	700804	180-2463-2	200	100	mg/L	U	200	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Pentachlorophenol	700804	COK190659002	100	50	mg/L	U	100	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Pentachlorophenol	700804	180-2463-2	100	50	mg/L	U	100	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Pentachlorophenol	7179	180-12066-1	100	50	mg/L	U	100	2012	Farmington
NM	Immersion Cleaner (Petroleum)	pH	7179	180-12066-1	9.77	9.77	No Units		0.1	2012	Farmington
NM	Immersion Cleaner (Petroleum)	pH	700804	180-2463-2	10	10	No Units	HF	0.1	2011	Farmington
NM	Immersion Cleaner (Petroleum)	pH	700804	COK190659001	10.3	10.3	No Units			2010	Farmington
NM	Immersion Cleaner (Petroleum)	Pyridine	700804	COK190659002	100	50	mg/L	U	100	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Pyridine	700804	180-2463-2	100	50	mg/L	U	100	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Pyridine	7179	180-12066-1	100	50	mg/L	U	100	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Selenium	700804	COK190659002	0.051	0.051	mg/L		0.05	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Selenium	700804	180-2463-2	0.48	0.48	mg/L		0.05	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Selenium	7179	180-12066-1	0.51	0.51	mg/L		0.47	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Silver	700804	180-2463-2	0.011	0.011	mg/L	J	0.05	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Silver	700804	COK190659002	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Silver	7179	180-12066-1	0.056	0.056	mg/L	J	0.47	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Specific Gravity	700804	180-2463-1	0.87	0.87	No Unit		0.01	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Specific Gravity	700804	COK190659001	0.9	0.9	No Unit		0.01	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Specific Gravity	7179	180-12066-1	0.9	0.9	No Unit		0.01	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Tetrachloroethene	7179	180-12066-1	50	50	mg/L		0.5	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Tetrachloroethene	700804	COK190659001R2	150	150	mg/L		5	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Tetrachloroethene	700804	180-2463-1	240	240	mg/L		5	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Trichloroethene	700804	COK190659001	14	14	mg/L		0.5	2010	Farmington
NM	Immersion Cleaner (Petroleum)	Trichloroethene	7179	180-12066-1	22	22	mg/L		0.5	2012	Farmington
NM	Immersion Cleaner (Petroleum)	Trichloroethene	700804	180-2463-1	40	40	mg/L		0.5	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Vinyl Chloride	700804	COK190659001	0.2	0.1	mg/L	U	0.2	2010	Farmington

NM	Immersion Cleaner (Petroleum)	Vinyl Chloride	700804	180-2463-1	0.2	0.1	mg/L	U	0.2	2011	Farmington
NM	Immersion Cleaner (Petroleum)	Vinyl Chloride	7179	180-12066-1	0.2	0.1	mg/L	U	0.2	2012	Farmington

State	CLIENT_ID	PARAMETER	BRANCH_ID	LAB_SAMPLE_ID	RESULT	RANKED DATA	UNITS	QUALIFIER	REPORTING_LIMIT	Uth	SAMPLE_DATE	COUNT	CITY
NM	Paint Waste	1,1-Dichloroethene	7179	180-12070-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	Paint Waste	1,1-Dichloroethene	700804	COI100572001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	Paint Waste	1,1-Dichloroethene	700804	180-1866-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Paint Gun Cleaner Related Waste	1,1-Dichloroethene	700804	180-1895-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Paint Gun Cleaner Related Waste	1,1-Dichloroethene	7179	180-12068-1	0.5	0.25	mg/L	U	0.5		2012		Farmington
NM	Paint Waste	1,2-Dichloroethane	7179	180-12070-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	Paint Waste	1,2-Dichloroethane	700804	COI100572001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	Paint Waste	1,2-Dichloroethane	700804	180-1866-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Paint Gun Cleaner Related Waste	1,2-Dichloroethane	700804	180-1895-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Paint Gun Cleaner Related Waste	1,2-Dichloroethane	7179	180-12068-1	0.5	0.25	mg/L	U	0.5		2012		Farmington
NM	Paint Waste	1,4-Dichlorobenzene	700804	180-1866-2	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	Paint Waste	1,4-Dichlorobenzene	7179	180-12070-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	Paint Waste	1,4-Dichlorobenzene	700804	COI100572001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	Paint Gun Cleaner Related Waste	1,4-Dichlorobenzene	700804	180-1895-1	0.5	0.25	mg/L	U	0.5	51	2011	84	Farmington
NM	Paint Gun Cleaner Related Waste	1,4-Dichlorobenzene	7179	180-12068-1	0.5	0.25	mg/L	U	0.5		2012		Farmington
NM	Paint Waste	2,4,5-Trichlorophenol	700804	180-1866-2	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	Paint Waste	2,4,5-Trichlorophenol	7179	180-12070-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	Paint Waste	2,4,5-Trichlorophenol	700804	COI100572001	0.1	0.05	mg/L	U	0.1		2010		Farmington
NM	Paint Gun Cleaner Related Waste	2,4,5-Trichlorophenol	700804	180-1895-1	20	10	mg/L	U	20		2011		Farmington
NM	Paint Gun Cleaner Related Waste	2,4,5-Trichlorophenol	7179	180-12068-1	20	10	mg/L	U	20		2012		Farmington
NM	Paint Waste	2,4,6-Trichlorophenol	700804	180-1866-2	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	Paint Waste	2,4,6-Trichlorophenol	7179	180-12070-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	Paint Waste	2,4,6-Trichlorophenol	700804	COI100572001	0.1	0.05	mg/L	U	0.1		2010		Farmington
NM	Paint Gun Cleaner Related Waste	2,4,6-Trichlorophenol	700804	180-1895-1	20	10	mg/L	U	20		2011		Farmington
NM	Paint Gun Cleaner Related Waste	2,4,6-Trichlorophenol	7179	180-12068-1	20	10	mg/L	U	20		2012		Farmington
NM	Paint Waste	2,4-Dinitrotoluene	700804	180-1866-2	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	Paint Waste	2,4-Dinitrotoluene	7179	180-12070-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	Paint Waste	2,4-Dinitrotoluene	700804	COI100572001	0.1	0.05	mg/L	U	0.1		2010		Farmington
NM	Paint Gun Cleaner Related Waste	2,4-Dinitrotoluene	700804	180-1895-1	20	10	mg/L	U	20		2011		Farmington
NM	Paint Gun Cleaner Related Waste	2,4-Dinitrotoluene	7179	180-12068-1	20	10	mg/L	U	20		2012		Farmington
NM	Paint Waste	2-Methylphenol	700804	180-1866-2	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	Paint Waste	2-Methylphenol	7179	180-12070-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	Paint Waste	2-Methylphenol	700804	COI100572001	0.1	0.05	mg/L	U	0.1		2010		Farmington
NM	Paint Gun Cleaner Related Waste	2-Methylphenol	700804	180-1895-1	20	10	mg/L	U	20		2011		Farmington
NM	Paint Gun Cleaner Related Waste	2-Methylphenol	7179	180-12068-1	20	10	mg/L	U	20		2012		Farmington
NM	Paint Waste	Arsenic	7179	180-12070-1	0.003	0.003	mg/L	J	0.05		2012		Farmington
NM	Paint Waste	Arsenic	700804	180-1866-2	0.25	0.125	mg/L	U	0.25		2011		Farmington
NM	Paint Waste	Arsenic	700804	COI100572001	1	0.5	mg/L	U	1		2010		Farmington
NM	Paint Gun Cleaner Related Waste	Arsenic	700804	180-1895-1	1	0.5	mg/L	U	1		2011		Farmington
NM	Paint Gun Cleaner Related Waste	Arsenic	7179	180-12068-1	1	0.5	mg/L	U	1		2012		Farmington
NM	Paint Gun Cleaner Related Waste	Barium	7179	180-12068-1	0.38	0.38	mg/L	J	20		2012		Farmington
NM	Paint Gun Cleaner Related Waste	Barium	700804	180-1895-1	2.6	2.6	mg/L	J	20		2011		Farmington
NM	Paint Waste	Barium	7179	180-12070-1	2.7	2.7	mg/L	B	0.2		2012		Farmington
NM	Paint Waste	Barium	700804	180-1866-2	3.1	3.1	mg/L	B	1		2011		Farmington
NM	Paint Waste	Barium	700804	COI100572001	20	10	mg/L	U	20		2010		Farmington
NM	Paint Waste	Benzene	7179	180-12070-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	Paint Waste	Benzene	700804	180-1866-1	3.7	3.7	mg/L		0.5		2011		Farmington
NM	Paint Gun Cleaner Related Waste	Benzene	700804	180-1895-1	19	19	mg/L		0.5		2011		Farmington
NM	Paint Gun Cleaner Related Waste	Benzene	7179	180-12068-1	30	30	mg/L		0.5		2012		Farmington

NM	Paint Waste	Benzene	700804	COI100572001	54	54	mg/L		0.5	2010	Farmington
NM	Paint Waste	Cadmium	7179	180-12070-1	0.00021	0.00021	mg/L	J	0.05	2012	Farmington
NM	Paint Waste	Cadmium	700804	180-1866-2	0.011	0.011	mg/L	J	0.25	2011	Farmington
NM	Paint Waste	Cadmium	700804	COI100572001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Cadmium	7179	180-12068-1	0.5	0.25	mg/L	U	0.5	2012	Farmington
NM	Paint Gun Cleaner Related Waste	Cadmium	700804	180-1895-1	0.39	0.39	mg/L	J	0.5	2011	Farmington
NM	Paint Waste	Carbon tetrachloride	7179	180-12070-1	0.2	0.1	mg/L	U	0.2	2012	Farmington
NM	Paint Waste	Carbon Tetrachloride	700804	COI100572001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Paint Waste	Carbon Tetrachloride	700804	180-1866-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Carbon Tetrachloride	700804	180-1895-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Carbon tetrachloride	7179	180-12068-1	0.5	0.25	mg/L	U *	0.5	2012	Farmington
NM	Paint Waste	Chlorobenzene	7179	180-12070-1	0.2	0.1	mg/L	U	0.2	2012	Farmington
NM	Paint Waste	Chlorobenzene	700804	COI100572001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Paint Waste	Chlorobenzene	700804	180-1866-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Chlorobenzene	700804	180-1895-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Chlorobenzene	7179	180-12068-1	0.5	0.25	mg/L	U	0.5	2012	Farmington
NM	Paint Waste	Chloroform	7179	180-12070-1	0.2	0.1	mg/L	U	0.2	2012	Farmington
NM	Paint Waste	Chloroform	700804	COI100572001	2	1	mg/L	U	2	2010	Farmington
NM	Paint Waste	Chloroform	700804	180-1866-1	2	1	mg/L	U	2	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Chloroform	700804	180-1895-1	2	1	mg/L	U	2	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Chloroform	7179	180-12068-1	2	1	mg/L	U	2	2012	Farmington
NM	Paint Waste	Chromium	700804	180-1866-2	0.0075	0.0075	mg/L	J	0.25	2011	Farmington
NM	Paint Waste	Chromium	7179	180-12070-1	0.032	0.032	mg/L	J B	0.05	2012	Farmington
NM	Paint Waste	Chromium	700804	COI100572001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Chromium	7179	180-12068-1	0.5	0.25	mg/L	U	0.5	2012	Farmington
NM	Paint Gun Cleaner Related Waste	Chromium	700804	180-1895-1	10	10	mg/L		0.5	2011	Farmington
NM	Paint Waste	Flash Point	7179	180-12070-1	<140	139	Degrees F			2012	Farmington
NM	Paint Gun Cleaner Related Waste	Flash Point	7179	180-12068-1	75	75	Degrees F		1	2012	Farmington
NM	Paint Waste	Flash Point	700804	COI100572001	64.3	64.3	Degrees F			2010	Farmington
NM	Paint Waste	Flash Point	700804	180-1866-1	59	59	Degrees F		1	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Flash Point	700804	180-1895-1	59	59	Degrees F		1	2011	Farmington
NM	Paint Waste	Hexachlorobenzene	700804	180-1866-2	0.05	0.025	mg/L	U	0.05	2011	Farmington
NM	Paint Waste	Hexachlorobenzene	7179	180-12070-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	Paint Waste	Hexachlorobenzene	700804	COI100572001	0.1	0.05	mg/L	U	0.1	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Hexachlorobenzene	700804	180-1895-1	20	10	mg/L	U	20	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Hexachlorobenzene	7179	180-12068-1	20	10	mg/L	U	20	2012	Farmington
NM	Paint Waste	Hexachlorobutadiene	700804	180-1866-2	0.05	0.025	mg/L	U	0.05	2011	Farmington
NM	Paint Waste	Hexachlorobutadiene	7179	180-12070-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	Paint Waste	Hexachlorobutadiene	700804	COI100572001	0.1	0.05	mg/L	U	0.1	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Hexachlorobutadiene	700804	180-1895-1	20	10	mg/L	U	20	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Hexachlorobutadiene	7179	180-12068-1	20	10	mg/L	U	20	2012	Farmington
NM	Paint Waste	Hexachloroethane	700804	180-1866-2	0.05	0.025	mg/L	U	0.05	2011	Farmington
NM	Paint Waste	Hexachloroethane	7179	180-12070-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	Paint Waste	Hexachloroethane	700804	COI100572001	0.1	0.05	mg/L	U	0.1	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Hexachloroethane	700804	180-1895-1	20	10	mg/L	U	20	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Hexachloroethane	7179	180-12068-1	20	10	mg/L	U	20	2012	Farmington
NM	Paint Waste	Lead	7179	180-12070-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	Paint Waste	Lead	700804	180-1866-2	0.028	0.028	mg/L	J	0.25	2011	Farmington
NM	Paint Waste	Lead	700804	COI100572001	0.3	0.15	mg/L	U	0.3	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Lead	7179	180-12068-1	0.3	0.15	mg/L	U	0.3	2012	Farmington

NM	Paint Gun Cleaner Related Waste	Lead	700804	180-1895-1	3	3	mg/L		0.3	2011	Farmington
NM	Paint Waste	Mercury	700804	180-1866-2	0.0002	0.0001	mg/L	U	0.0002	2011	Farmington
NM	Paint Waste	Mercury	7179	180-12070-1	0.0002	0.0001	mg/L	U	0.0002	2012	Farmington
NM	Paint Waste	Mercury	700804	COI100572001	0.033	0.0165	mg/L	U	0.033	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Mercury	7179	180-12068-1	0.033	0.0165	mg/L	U	0.033	2012	Farmington
NM	Paint Gun Cleaner Related Waste	Mercury	700804	180-1895-1	0.033	0.033	mg/L		0.033	2011	Farmington
NM	Paint Waste	Methyl Ethyl Ketone	7179	180-12070-1	120	120	mg/L		10	2012	Farmington
NM	Paint Waste	Methyl Ethyl Ketone	700804	180-1866-1	39000	39000	mg/L		2000	2011	Farmington
NM	Paint Waste	Methyl Ethyl Ketone	700804	COI100572001R2	170000	170000	mg/L		2000	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Methyl Ethyl Ketone	700804	180-1895-1	370000	370000	mg/L		4000	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Methyl Ethyl Ketone	7179	180-12068-1	570000	570000	mg/L		10000	2012	Farmington
NM	Paint Waste	Methylphenol, 3 & 4	700804	180-1866-2	0.05	0.025	mg/L	U	0.05	2011	Farmington
NM	Paint Waste	Methylphenol, 3 & 4	7179	180-12070-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	Paint Waste	Methylphenol, 3 & 4	700804	COI100572001	0.1	0.05	mg/L	U	0.1	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Methylphenol, 3 & 4	700804	180-1895-1	20	10	mg/L	U	20	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Methylphenol, 3 & 4	7179	180-12068-1	20	10	mg/L	U	20	2012	Farmington
NM	Paint Waste	Nitrobenzene	700804	180-1866-2	0.05	0.025	mg/L	U	0.05	2011	Farmington
NM	Paint Waste	Nitrobenzene	7179	180-12070-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	Paint Waste	Nitrobenzene	700804	COI100572001	0.1	0.05	mg/L	U	0.1	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Nitrobenzene	700804	180-1895-1	20	10	mg/L	U	20	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Nitrobenzene	7179	180-12068-1	20	10	mg/L	U	20	2012	Farmington
NM	Paint Waste	Pentachlorophenol	700804	180-1866-2	0.25	0.125	mg/L	U	0.25	2011	Farmington
NM	Paint Waste	Pentachlorophenol	7179	180-12070-1	0.25	0.125	mg/L	U	0.25	2012	Farmington
NM	Paint Waste	Pentachlorophenol	700804	COI100572001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Pentachlorophenol	700804	180-1895-1	100	50	mg/L	U	100	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Pentachlorophenol	7179	180-12068-1	100	50	mg/L	U	100	2012	Farmington
NM	Paint Gun Cleaner Related Waste	pH	7179	180-12068-1	4.87	4.87	No Units		0.1	2012	Farmington
NM	Paint Gun Cleaner Related Waste	pH	700804	180-1895-1	5.1	5.1	No Units		0.1	2011	Farmington
NM	Paint Waste	pH	7179	180-12070-1	6.3	6.3	No Units	H	0.1	2012	Farmington
NM	Paint Waste	pH	700804	COI100572001	6.6	6.6	No Units			2010	Farmington
NM	Paint Waste	pH	700804	180-1866-1	7	7	No Units		0.1	2011	Farmington
NM	Paint Waste	Pyridine	700804	180-1866-2	0.1	0.05	mg/L	U	0.1	2011	Farmington
NM	Paint Waste	Pyridine	7179	180-12070-1	0.1	0.05	mg/L	U	0.1	2012	Farmington
NM	Paint Waste	Pyridine	700804	COI100572001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Pyridine	700804	180-1895-1	100	50	mg/L	U	100	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Pyridine	7179	180-12068-1	100	50	mg/L	U	100	2012	Farmington
NM	Paint Waste	Selenium	7179	180-12070-1	0.0066	0.0066	mg/L	JB	0.05	2012	Farmington
NM	Paint Waste	Selenium	700804	180-1866-2	0.25	0.125	mg/L	U	0.25	2011	Farmington
NM	Paint Waste	Selenium	700804	COI100572001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Selenium	7179	180-12068-1	0.5	0.25	mg/L	U	0.5	2012	Farmington
NM	Paint Gun Cleaner Related Waste	Selenium	700804	180-1895-1	0.73	0.73	mg/L		0.5	2011	Farmington
NM	Paint Waste	Silver	7179	180-12070-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	Paint Waste	Silver	700804	180-1866-2	0.25	0.125	mg/L	U	0.25	2011	Farmington
NM	Paint Waste	Silver	700804	COI100572001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Silver	7179	180-12068-1	0.5	0.25	mg/L	U	0.5	2012	Farmington
NM	Paint Gun Cleaner Related Waste	Silver	700804	180-1895-1	1.1	1.1	mg/L		0.5	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Specific Gravity	7179	180-12068-1	0.78	0.78	No Units		0.01	2012	Farmington
NM	Paint Gun Cleaner Related Waste	Specific Gravity	700804	180-1895-1	0.79	0.79	No Units		0.01	2011	Farmington
NM	Paint Waste	Specific Gravity	7179	180-12070-1	0.85	0.85	No Units		0.01	2012	Farmington
NM	Paint Waste	Specific Gravity	700804	180-1866-1	0.9	0.9	No Units		0.01	2011	Farmington

NM	Paint Waste	Tetrachloroethene	7179	180-12070-1	0.2	0.1	mg/L	U	0.2	2012	Farmington
NM	Paint Waste	Tetrachloroethene	700804	180-1866-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Tetrachloroethene	7179	180-12068-1	7.8	7.8	mg/L		0.5	2012	Farmington
NM	Paint Gun Cleaner Related Waste	Tetrachloroethene	700804	180-1895-1	9.8	9.8	mg/L		0.5	2011	Farmington
NM	Paint Waste	Tetrachloroethene	700804	COI100572001	21	21	mg/L		0.5	2010	Farmington
NM	Paint Waste	Trichloroethene	7179	180-12070-1	0.2	0.1	mg/L	U	0.2	2012	Farmington
NM	Paint Waste	Trichloroethene	700804	180-1866-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Trichloroethene	7179	180-12068-1	4.4	4.4	mg/L		0.5	2012	Farmington
NM	Paint Waste	Trichloroethene	700804	COI100572001	8.7	8.7	mg/L		0.5	2010	Farmington
NM	Paint Gun Cleaner Related Waste	Trichloroethene	700804	180-1895-1	8.7	8.7	mg/L		0.5	2011	Farmington
NM	Paint Waste	Vinyl Chloride	700804	COI100572001	0.2	0.1	mg/L	U	0.2	2010	Farmington
NM	Paint Waste	Vinyl Chloride	700804	180-1866-1	0.2	0.1	mg/L	U	0.2	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Vinyl Chloride	700804	180-1895-1	0.2	0.1	mg/L	U	0.2	2011	Farmington
NM	Paint Gun Cleaner Related Waste	Vinyl Chloride	7179	180-12068-1	0.2	0.1	mg/L	U	0.2	2012	Farmington
NM	Paint Waste	Vinyl Chloride	7179	180-12070-1	0.2	0.1	mg/L	U	0.2	2012	Farmington

STATE	CLIENT_ID	PARAMETER	BRANCH_ID	LAB_SAMPLE_ID	RESULT	RANKED DATA	UNITS	QUALIFIER	REPORTING_LIMIT	Uth	YEAR	COUNT	CITY
NM	Premium Solvent	1,1-Dichloroethene	700804	COK190660001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	Premium Solvent	1,1-Dichloroethene	700804	180-1865-1	0.25	0.125	mg/L	U	0.25		2011		Farmington
NM	Premium Solvent	1,1-Dichloroethene	7179	180-12189-1	0.25	0.125	mg/L	U	0.25		2012		Farmington
NM	Premium Solvent	1,2-Dichloroethane	700804	COK190660001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	Premium Solvent	1,2-Dichloroethane	700804	180-1865-1	0.25	0.125	mg/L	U	0.25		2011		Farmington
NM	Premium Solvent	1,2-Dichloroethane	7179	180-12189-1	0.25	0.125	mg/L	U	0.25		2012		Farmington
NM	Premium Solvent	1,4-Dichlorobenzene	700804	COK190660001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	Premium Solvent	1,4-Dichlorobenzene	700804	180-1865-1	0.25	0.125	mg/L	U	0.25		2011		Farmington
NM	Premium Solvent	1,4-Dichlorobenzene	7179	180-12189-1	0.25	0.125	mg/L	U	0.25		2012		Farmington
NM	Premium Solvent	2,4,5-Trichlorophenol	700804	180-1865-1	0.1	0.05	mg/L	U	0.1		2011		Farmington
NM	Premium Solvent	2,4,5-Trichlorophenol	7179	180-12189-1	0.1	0.05	mg/L	U	0.1		2012		Farmington
NM	Premium Solvent	2,4,5-Trichlorophenol	700804	COK190660001	400	200	mg/L	U	400		2010		Farmington
NM	Premium Solvent	2,4,6-Trichlorophenol	700804	180-1865-1	0.1	0.05	mg/L	U	0.1		2011		Farmington
NM	Premium Solvent	2,4,6-Trichlorophenol	7179	180-12189-1	0.1	0.05	mg/L	U	0.1		2012		Farmington
NM	Premium Solvent	2,4,6-Trichlorophenol	700804	COK190660001	2	1	mg/L	U	2		2010		Farmington
NM	Premium Solvent	2,4-Dinitrotoluene	700804	180-1865-1	0.1	0.05	mg/L	U	0.1		2011		Farmington
NM	Premium Solvent	2,4-Dinitrotoluene	7179	180-12189-1	0.1	0.05	mg/L	U	0.1		2012		Farmington
NM	Premium Solvent	2,4-Dinitrotoluene	700804	COK190660001	0.13	0.065	mg/L	U	0.13		2010		Farmington
NM	Premium Solvent	2-Methylphenol	700804	COK190660001	0.1	0.05	mg/L	U	0.1		2010		Farmington
NM	Premium Solvent	2-Methylphenol	700804	180-1865-1	0.1	0.05	mg/L	U	0.1		2011		Farmington
NM	Premium Solvent	2-Methylphenol	7179	180-12189-1	1	0.5	mg/L	U	1		2012		Farmington
NM	Premium Solvent	Arsenic	700804	COK190660001	1	0.5	mg/L	U	1		2010		Farmington
NM	Premium Solvent	Arsenic	700804	180-1865-1	1	0.5	mg/L	U	1		2011		Farmington
NM	Premium Solvent	Arsenic	7179	180-12189-1	1	0.5	mg/L	U	1		2012		Farmington
NM	Premium Solvent	Barium	700804	180-1865-1	0.21	0.21	mg/L	J	20		2011		Farmington
NM	Premium Solvent	Barium	700804	COK190660001	20	10	mg/L	U	20		2010		Farmington
NM	Premium Solvent	Barium	7179	180-12189-1	20	10	mg/L	U	20		2012		Farmington
NM	Premium Solvent	Benzene	700804	COK190660001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	Premium Solvent	Benzene	700804	180-1865-1	0.39	0.39	mg/L		0.25		2011		Farmington
NM	Premium Solvent	Benzene	7179	180-12189-1	0.54	0.54	mg/L		0.25		2012		Farmington
NM	Premium Solvent	Cadmium	700804	COK190660001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	Premium Solvent	Cadmium	700804	180-1865-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Premium Solvent	Cadmium	7179	180-12189-1	0.5	0.25	mg/L	U	0.5		2012		Farmington
NM	Premium Solvent	Carbon Tetrachloride	700804	COK190660001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	Premium Solvent	Carbon Tetrachloride	700804	180-1865-1	0.25	0.125	mg/L	U	0.25		2011		Farmington
NM	Premium Solvent	Carbon Tetrachloride	7179	180-12189-1	0.25	0.125	mg/L	U *	0.25		2012		Farmington
NM	Premium Solvent	Chlorobenzene	700804	COK190660001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	Premium Solvent	Chlorobenzene	700804	180-1865-1	0.25	0.125	mg/L	U	0.25		2011		Farmington
NM	Premium Solvent	Chlorobenzene	7179	180-12189-1	0.25	0.125	mg/L	U	0.25		2012		Farmington
NM	Premium Solvent	Chloroform	700804	COK190660001	1	0.5	mg/L	U	1		2010		Farmington
NM	Premium Solvent	Chloroform	700804	180-1865-1	1	0.5	mg/L	U	1		2011		Farmington
NM	Premium Solvent	Chloroform	7179	180-12189-1	1	0.5	mg/L	U	1		2012		Farmington
NM	Premium Solvent	Chromium	700804	COK190660001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	Premium Solvent	Chromium	700804	180-1865-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Premium Solvent	Chromium	7179	180-12189-1	0.5	0.25	mg/L	U	0.5		2012		Farmington
NM	Premium Solvent	Flash Point	700804	180-1865-1	159	159	Degrees F		1		2011		Farmington
NM	Premium Solvent	Flash Point	7179	180-12189-1	151	151	Degrees F		1		2012		Farmington

NM	Premium Solvent	Flash Point	700804	COK190660001	148	148	Degrees F			2010	Farmington
NM	Premium Solvent	Hexachlorobenzene	700804	180-1865-1	0.1	0.05	mg/L	U	0.1	2011	Farmington
NM	Premium Solvent	Hexachlorobenzene	7179	180-12189-1	0.1	0.05	mg/L	U	0.1	2012	Farmington
NM	Premium Solvent	Hexachlorobenzene	700804	COK190660001	0.13	0.065	mg/L	U	0.13	2010	Farmington
NM	Premium Solvent	Hexachlorobutadiene	700804	180-1865-1	0.1	0.05	mg/L	U	0.1	2011	Farmington
NM	Premium Solvent	Hexachlorobutadiene	7179	180-12189-1	0.1	0.05	mg/L	U	0.1	2012	Farmington
NM	Premium Solvent	Hexachlorobutadiene	700804	COK190660001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Premium Solvent	Hexachloroethane	700804	180-1865-1	0.1	0.05	mg/L	U	0.1	2011	Farmington
NM	Premium Solvent	Hexachloroethane	7179	180-12189-1	0.1	0.05	mg/L	U	0.1	2012	Farmington
NM	Premium Solvent	Hexachloroethane	700804	COK190660001	3	1.5	mg/L	U	3	2010	Farmington
NM	Premium Solvent	Lead	7179	180-12189-1	0.3	0.15	mg/L	U	0.3	2012	Farmington
NM	Premium Solvent	Lead	700804	180-1865-1	0.26	0.26	mg/L	J	0.3	2011	Farmington
NM	Premium Solvent	Lead	700804	COK190660001	0.36	0.36	mg/L		0.3	2010	Farmington
NM	Premium Solvent	Mercury	700804	COK190660001	0.033	0.0165	mg/L	U	0.033	2010	Farmington
NM	Premium Solvent	Mercury	700804	180-1865-1	0.033	0.0165	mg/L	U	0.033	2011	Farmington
NM	Premium Solvent	Mercury	7179	180-12189-1	0.42	0.42	mg/L		0.033	2012	Farmington
NM	Premium Solvent	Methyl Ethyl Ketone	7179	180-12189-1	0.25	0.125	mg/L	U	0.25	2012	Farmington
NM	Premium Solvent	Methyl Ethyl Ketone	700804	COK190660001	0.25	0.125	mg/L	U	0.25	2010	Farmington
NM	Premium Solvent	Methyl Ethyl Ketone	700804	180-1865-1	0.25	0.125	mg/L	U	0.25	2011	Farmington
NM	Premium Solvent	Methylphenol, 3 & 4	700804	COK190660001	0.1	0.05	mg/L	U	0.1	2010	Farmington
NM	Premium Solvent	Methylphenol, 3 & 4	700804	180-1865-1	0.1	0.05	mg/L	U	0.1	2011	Farmington
NM	Premium Solvent	Methylphenol, 3 & 4	7179	180-12189-1	1	0.5	mg/L	U	1	2012	Farmington
NM	Premium Solvent	Nitrobenzene	700804	COK190660001	0.1	0.05	mg/L	U	0.1	2010	Farmington
NM	Premium Solvent	Nitrobenzene	700804	180-1865-1	0.1	0.05	mg/L	U	0.1	2011	Farmington
NM	Premium Solvent	Nitrobenzene	7179	180-12189-1	1	0.5	mg/L	U	1	2012	Farmington
NM	Premium Solvent	Pentachlorophenol	700804	180-1865-1	0.1	0.05	mg/L	U	0.1	2011	Farmington
NM	Premium Solvent	Pentachlorophenol	7179	180-12189-1	0.1	0.05	mg/L	U	0.1	2012	Farmington
NM	Premium Solvent	Pentachlorophenol	700804	COK190660001	100	50	mg/L	U	100	2010	Farmington
NM	Premium Solvent	pH	7179	180-12189-1	5.64	5.64	No Units	H	0.1	2012	Farmington
NM	Premium Solvent	pH	700804	180-1865-1	6.1	6.1	No Units	H	0.1	2011	Farmington
NM	Premium Solvent	pH	700804	COK190660001	6.6	6.6	No Units			2010	Farmington
NM	Premium Solvent	Pyridine	700804	COK190660001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Premium Solvent	Pyridine	700804	180-1865-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Premium Solvent	Pyridine	7179	180-12189-1	5	2.5	mg/L	U	5	2012	Farmington
NM	Premium Solvent	Selenium	700804	COK190660001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Premium Solvent	Selenium	700804	180-1865-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Premium Solvent	Selenium	7179	180-12189-1	0.26	0.26	mg/L	J	0.5	2012	Farmington
NM	Premium Solvent	Silver	700804	COK190660001	0.5	0.25	mg/L	U	0.5	2010	Farmington
NM	Premium Solvent	Silver	700804	180-1865-1	0.5	0.25	mg/L	U	0.5	2011	Farmington
NM	Premium Solvent	Silver	7179	180-12189-1	0.5	0.25	mg/L	U	0.5	2012	Farmington
NM	Premium Solvent	Specific Gravity	7179	180-12189-1	0.71	0.71	No Units		0.01	2012	Farmington
NM	Premium Solvent	Specific Gravity	700804	180-1865-1	0.72	0.72	No Units		0.01	2011	Farmington
NM	Premium Solvent	Specific Gravity	700804	COK190660001	0.74	0.74	No Units		0.01	2010	Farmington
NM	Premium Solvent	Tetrachloroethene	7179	180-12189-1	0.13	0.13	mg/L	J	0.25	2012	Farmington
NM	Premium Solvent	Tetrachloroethene	700804	180-1865-1	0.26	0.26	mg/L		0.25	2011	Farmington
NM	Premium Solvent	Tetrachloroethene	700804	COK190660001	0.46	0.46	mg/L		0.25	2010	Farmington
NM	Premium Solvent	Trichloroethene	700804	COK190660001	0.25	0.125	mg/L	U	0.25	2010	Farmington
NM	Premium Solvent	Trichloroethene	700804	180-1865-1	0.25	0.125	mg/L	U	0.25	2011	Farmington

NM	Premium Solvent	Trichloroethene	7179	180-12189-1	0.25	0.125	mg/L	U	0.25	2012	Farmington
NM	Premium Solvent	Vinyl Chloride	700804	C0K190660001	0.1	0.05	mg/L	U	0.1	2010	Farmington
NM	Premium Solvent	Vinyl Chloride	700804	180-1865-1	0.1	0.05	mg/L	U	0.1	2011	Farmington
NM	Premium Solvent	Vinyl Chloride	7179	180-12189-1	0.1	0.05	mg/L	U	0.1	2012	Farmington

STATE	CLIENT_ID	PARAMETER	BRANCH_ID	LAB_SAMPLE_ID	RESULT	RANKED DATA	UNITS	QUALIFIER	REPORTING_LIMIT	Uth	YEAR	COUNT	CITY
NM	PWS Dumpster Sludge	1,1-Dichloroethene	700804	COI130441001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	PWS Dumpster Sludge	1,1-Dichloroethene	700804	180-1896-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	PWS Dumpster Sludge	1,1-Dichloroethene	7179	180-12069-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	PWS Dumpster Sludge	1,2-Dichloroethane	700804	COI130441001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	PWS Dumpster Sludge	1,2-Dichloroethane	700804	180-1896-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	PWS Dumpster Sludge	1,2-Dichloroethane	7179	180-12069-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	PWS Dumpster Sludge	1,4-Dichlorobenzene	700804	180-1896-1	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	PWS Dumpster Sludge	1,4-Dichlorobenzene	7179	180-12069-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	PWS Dumpster Sludge	1,4-Dichlorobenzene	700804	COI130441001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	PWS Dumpster Sludge	2,4,5-Trichlorophenol	700804	COI130441001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	PWS Dumpster Sludge	2,4,5-Trichlorophenol	700804	180-1896-1	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	PWS Dumpster Sludge	2,4,5-Trichlorophenol	7179	180-12069-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	PWS Dumpster Sludge	2,4,6-Trichlorophenol	700804	COI130441001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	PWS Dumpster Sludge	2,4,6-Trichlorophenol	700804	180-1896-1	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	PWS Dumpster Sludge	2,4,6-Trichlorophenol	7179	180-12069-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	PWS Dumpster Sludge	2,4-Dinitrotoluene	700804	COI130441001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	PWS Dumpster Sludge	2,4-Dinitrotoluene	700804	180-1896-1	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	PWS Dumpster Sludge	2,4-Dinitrotoluene	7179	180-12069-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	PWS Dumpster Sludge	2-Methylphenol	700804	COI130441001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	PWS Dumpster Sludge	2-Methylphenol	700804	180-1896-1	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	PWS Dumpster Sludge	2-Methylphenol	7179	180-12069-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	PWS Dumpster Sludge	Arsenic	700804	COI130441001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	PWS Dumpster Sludge	Arsenic	7179	180-12069-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	PWS Dumpster Sludge	Arsenic	700804	180-1896-1	0.25	0.125	mg/L	U	0.25		2011		Farmington
NM	PWS Dumpster Sludge	Barium	7179	180-12069-1	0.46	0.46	mg/L	B	0.2		2012		Farmington
NM	PWS Dumpster Sludge	Barium	700804	180-1896-1	0.5	0.5	mg/L	J	1		2011		Farmington
NM	PWS Dumpster Sludge	Barium	700804	COI130441001	1.4	1.4	mg/L		0.2		2010		Farmington
NM	PWS Dumpster Sludge	Benzene	700804	COI130441001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	PWS Dumpster Sludge	Benzene	700804	180-1896-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	PWS Dumpster Sludge	Benzene	7179	180-12069-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	PWS Dumpster Sludge	Cadmium	7179	180-12069-1	0.029	0.029	mg/L	J	0.05		2012		Farmington
NM	PWS Dumpster Sludge	Cadmium	700804	COI130441001	0.12	0.12	mg/L		0.05		2010		Farmington
NM	PWS Dumpster Sludge	Cadmium	700804	180-1896-1	0.13	0.13	mg/L	J	0.25		2011		Farmington
NM	PWS Dumpster Sludge	Carbon Tetrachloride	700804	COI130441001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	PWS Dumpster Sludge	Carbon Tetrachloride	700804	180-1896-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	PWS Dumpster Sludge	Carbon tetrachloride	7179	180-12069-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	PWS Dumpster Sludge	Chlorobenzene	700804	COI130441001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	PWS Dumpster Sludge	Chlorobenzene	700804	180-1896-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	PWS Dumpster Sludge	Chlorobenzene	7179	180-12069-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	PWS Dumpster Sludge	Chloroform	700804	COI130441001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	PWS Dumpster Sludge	Chloroform	700804	180-1896-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	PWS Dumpster Sludge	Chloroform	7179	180-12069-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	PWS Dumpster Sludge	Chromium	7179	180-12069-1	0.0069	0.0069	mg/L	J B	0.05		2012		Farmington
NM	PWS Dumpster Sludge	Chromium	700804	COI130441001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	PWS Dumpster Sludge	Chromium	700804	180-1896-1	0.039	0.039	mg/L	J	0.25	37	2011	59	Farmington

NM	PWS Dumpster Sludge	Flash Point	700804	COI130441001	>200	201	Degrees F	--	2010	Farmington	
NM	PWS Dumpster Sludge	Flash Point	700804	180-1896-1	>140	141	Degrees F	1	2011	Farmington	
NM	PWS Dumpster Sludge	Flash Point	7179	180-12069-1	141	141	Degrees F		2012	Farmington	
NM	PWS Dumpster Sludge	Hexachlorobenzene	700804	COI130441001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	PWS Dumpster Sludge	Hexachlorobenzene	700804	180-1896-1	0.05	0.025	mg/L	U	0.05	2011	Farmington
NM	PWS Dumpster Sludge	Hexachlorobenzene	7179	180-12069-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	PWS Dumpster Sludge	Hexachlorobutadiene	700804	COI130441001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	PWS Dumpster Sludge	Hexachlorobutadiene	700804	180-1896-1	0.05	0.025	mg/L	U	0.05	2011	Farmington
NM	PWS Dumpster Sludge	Hexachlorobutadiene	7179	180-12069-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	PWS Dumpster Sludge	Hexachloroethane	700804	COI130441001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	PWS Dumpster Sludge	Hexachloroethane	700804	180-1896-1	0.05	0.025	mg/L	U	0.05	2011	Farmington
NM	PWS Dumpster Sludge	Hexachloroethane	7179	180-12069-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	PWS Dumpster Sludge	Lead	7179	180-12069-1	0.27	0.27	mg/L		0.05	2012	Farmington
NM	PWS Dumpster Sludge	Lead	700804	180-1896-1	0.84	0.84	mg/L		0.25	2011	Farmington
NM	PWS Dumpster Sludge	Lead	700804	COI130441001	1.2	1.2	mg/L		0.05	2010	Farmington
NM	PWS Dumpster Sludge	Mercury	700804	180-1896-1	0.00004	0.00004	mg/L	J	0.0002	2011	Farmington
NM	PWS Dumpster Sludge	Mercury	700804	COI130441001	0.0002	0.0001	mg/L	U	0.0002	2010	Farmington
NM	PWS Dumpster Sludge	Mercury	7179	180-12069-1	0.0002	0.0001	mg/L	U	0.0002	2012	Farmington
NM	PWS Dumpster Sludge	Methyl Ethyl Ketone	7179	180-12069-1	0.2	0.1	mg/L	U	0.2	2012	Farmington
NM	PWS Dumpster Sludge	Methyl Ethyl Ketone	700804	COI130441001	0.2	0.1	mg/L	U	0.2	2010	Farmington
NM	PWS Dumpster Sludge	Methyl Ethyl Ketone	700804	180-1896-1	0.38	0.38	mg/L		0.2	2011	Farmington
NM	PWS Dumpster Sludge	Methylphenol, 3 & 4	700804	COI130441001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	PWS Dumpster Sludge	Methylphenol, 3 & 4	7179	180-12069-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	PWS Dumpster Sludge	Methylphenol, 3 & 4	700804	180-1896-1	0.051	0.051	mg/L		0.05	35 2011 56	Farmington
NM	PWS Dumpster Sludge	Nitrobenzene	700804	COI130441001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	PWS Dumpster Sludge	Nitrobenzene	700804	180-1896-1	0.05	0.025	mg/L	U	0.05	2011	Farmington
NM	PWS Dumpster Sludge	Nitrobenzene	7179	180-12069-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	PWS Dumpster Sludge	Pentachlorophenol	700804	COI130441001	0.25	0.125	mg/L	U	0.25	2010	Farmington
NM	PWS Dumpster Sludge	Pentachlorophenol	700804	180-1896-1	0.25	0.125	mg/L	U	0.25	2011	Farmington
NM	PWS Dumpster Sludge	Pentachlorophenol	7179	180-12069-1	0.25	0.125	mg/L	U	0.25	2012	Farmington
NM	PWS Dumpster Sludge	pH	700804	180-1896-1	5.78	5.78	No Units		0.1	2011	Farmington
NM	PWS Dumpster Sludge	pH	7179	180-12069-1	6.83	6.83	No Units	H	0.1	2012	Farmington
NM	PWS Dumpster Sludge	pH	700804	COI130441001	7.8	7.8	No Units			2010	Farmington
NM	PWS Dumpster Sludge	Pyridine	700804	COI130441001	0.1	0.05	mg/L	U	0.1	2010	Farmington
NM	PWS Dumpster Sludge	Pyridine	700804	180-1896-1	0.1	0.05	mg/L	U	0.1	2011	Farmington
NM	PWS Dumpster Sludge	Pyridine	7179	180-12069-1	0.1	0.05	mg/L	U	0.1	2012	Farmington
NM	PWS Dumpster Sludge	Selenium	7179	180-12069-1	0.0056	0.0056	mg/L	J B	0.05	2012	Farmington
NM	PWS Dumpster Sludge	Selenium	700804	180-1896-1	0.015	0.015	mg/L	J	0.25	2011	Farmington
NM	PWS Dumpster Sludge	Selenium	700804	COI130441001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	PWS Dumpster Sludge	Silver	700804	COI130441001	0.05	0.025	mg/L	U	0.05	2010	Farmington
NM	PWS Dumpster Sludge	Silver	7179	180-12069-1	0.05	0.025	mg/L	U	0.05	2012	Farmington
NM	PWS Dumpster Sludge	Silver	700804	180-1896-1	0.25	0.125	mg/L	U	0.25	2011	Farmington
NM	PWS Dumpster Sludge	Specific Gravity	700804	180-1896-1	1.2	1.2	No Units		0.01	2011	Farmington
NM	PWS Dumpster Sludge	Specific Gravity	7179	180-12069-1	1.3	1.3	No Units		0.01	2012	Farmington
NM	PWS Dumpster Sludge	Tetrachloroethene	700804	180-1896-1	0.074	0.074	mg/L	J	0.2	2011	Farmington
NM	PWS Dumpster Sludge	Tetrachloroethene	7179	180-12069-1	0.21	0.21	mg/L		0.2	2012	Farmington

NM	PWS Dumpster Sludge	Tetrachloroethene	700804	COI130441001	2	2	mg/L		0.2	2010	Farmington
NM	PWS Dumpster Sludge	Trichloroethene	700804	COI130441001	0.2	0.1	mg/L	U	0.2	2010	Farmington
NM	PWS Dumpster Sludge	Trichloroethene	700804	180-1896-1	0.2	0.1	mg/L	U	0.2	2011	Farmington
NM	PWS Dumpster Sludge	Trichloroethene	7179	180-12069-1	0.2	0.1	mg/L	U	0.2	2012	Farmington
NM	PWS Dumpster Sludge	Vinyl Chloride	700804	COI130441001	0.2	0.1	mg/L	U	0.2	2010	Farmington
NM	PWS Dumpster Sludge	Vinyl Chloride	700804	180-1896-1	0.2	0.1	mg/L	U	0.2	2011	Farmington
NM	PWS Dumpster Sludge	Vinyl chloride	7179	180-12069-1	0.2	0.1	mg/L	U	0.2	2012	Farmington

STATE	CLIENT ID	PARAMETER	BRANCH ID	LAB SAMPLE ID	RESULT	RANKED DATA	UNITS	QUALIFIER	REPORTING LIMIT	Uth	YEAR	COUNT	CITY
NM	Aqueous Brake Cleaner	1,1-Dichloroethene	700804	COI100567001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	Aqueous Brake Cleaner	1,1-Dichloroethene	700804	180-2511-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	Aqueous Brake Cleaner	1,1-Dichloroethene	7179	180-12188-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	Aqueous Brake Cleaner	1,2-Dichloroethane	700804	COI100567001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	Aqueous Brake Cleaner	1,2-Dichloroethane	700804	180-2511-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	Aqueous Brake Cleaner	1,2-Dichloroethane	7179	180-12188-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	Aqueous Brake Cleaner	1,4-Dichlorobenzene	7179	180-12188-1	0.05	0.025	mg/L	U	50		2012		Farmington
NM	Aqueous Brake Cleaner	1,4-Dichlorobenzene	700804	COI100567001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	Aqueous Brake Cleaner	1,4-Dichlorobenzene	700804	180-2511-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	Aqueous Brake Cleaner	2,4,5-Trichlorophenol	7179	180-12188-1	0.05	0.025	mg/L	U	50		2012		Farmington
NM	Aqueous Brake Cleaner	2,4,5-Trichlorophenol	700804	180-2511-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Aqueous Brake Cleaner	2,4,5-Trichlorophenol	700804	COI100567001	1	0.5	mg/L	U	1		2010		Farmington
NM	Aqueous Brake Cleaner	2,4,6-Trichlorophenol	7179	180-12188-1	0.05	0.025	mg/L	U	50		2012		Farmington
NM	Aqueous Brake Cleaner	2,4,6-Trichlorophenol	700804	180-2511-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Aqueous Brake Cleaner	2,4,6-Trichlorophenol	700804	COI100567001	1	0.5	mg/L	U	1		2010		Farmington
NM	Aqueous Brake Cleaner	2,4-Dinitrotoluene	7179	180-12188-1	0.05	0.025	mg/L	U	50		2012		Farmington
NM	Aqueous Brake Cleaner	2,4-Dinitrotoluene	700804	180-2511-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Aqueous Brake Cleaner	2,4-Dinitrotoluene	700804	COI100567001	1	0.5	mg/L	U	1		2010		Farmington
NM	Aqueous Brake Cleaner	2-Methylphenol	7179	180-12188-1	0.05	0.025	mg/L	U	50		2012		Farmington
NM	Aqueous Brake Cleaner	2-Methylphenol	700804	180-2511-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Aqueous Brake Cleaner	2-Methylphenol	700804	COI100567001	1	0.5	mg/L	U	1		2010		Farmington
NM	Aqueous Brake Cleaner	Arsenic	700804	180-2511-1	0.045	0.045	mg/L	J	0.1		2011		Farmington
NM	Aqueous Brake Cleaner	Arsenic	700804	COI100567001	0.1	0.05	mg/L	U	0.1		2010		Farmington
NM	Aqueous Brake Cleaner	Arsenic	7179	180-12188-1	0.1	0.05	mg/L	U	0.1		2012		Farmington
NM	Aqueous Brake Cleaner	Barium	700804	COI100567001	2	1	mg/L	U	2		2010		Farmington
NM	Aqueous Brake Cleaner	Barium	7179	180-12188-1	1.2	1.2	mg/L	J	2		2012		Farmington
<b>NM</b>	<b>Aqueous Brake Cleaner</b>	<b>Barium</b>	<b>700804</b>	<b>180-2511-1</b>	<b>4.4</b>	<b>4.4</b>	<b>mg/L</b>		<b>2</b>	<b>36</b>	<b>2011</b>	<b>58</b>	<b>Farmington</b>
NM	Aqueous Brake Cleaner	Benzene	700804	COI100567001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	Aqueous Brake Cleaner	Benzene	7179	180-12188-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	Aqueous Brake Cleaner	Benzene	700804	180-2511-1	0.65	0.65	mg/L		0.2		2011		Farmington
NM	Aqueous Brake Cleaner	Cadmium	700804	180-2511-1	0.01	0.01	mg/L	J	0.05		2011		Farmington
NM	Aqueous Brake Cleaner	Cadmium	700804	COI100567001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	Aqueous Brake Cleaner	Cadmium	7179	180-12188-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	Aqueous Brake Cleaner	Carbon Tetrachloride	700804	COI100567001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	Aqueous Brake Cleaner	Carbon Tetrachloride	700804	180-2511-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	Aqueous Brake Cleaner	Carbon tetrachloride	7179	180-12188-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	Aqueous Brake Cleaner	Chlorobenzene	700804	COI100567001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	Aqueous Brake Cleaner	Chlorobenzene	700804	180-2511-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	Aqueous Brake Cleaner	Chlorobenzene	7179	180-12188-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	Aqueous Brake Cleaner	Chloroform	700804	COI100567001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	Aqueous Brake Cleaner	Chloroform	700804	180-2511-1	0.2	0.1	mg/L	U	0.2		2011		Farmington
NM	Aqueous Brake Cleaner	Chloroform	7179	180-12188-1	0.2	0.1	mg/L	U	0.2		2012		Farmington
NM	Aqueous Brake Cleaner	Chromium	700804	COI100567001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	Aqueous Brake Cleaner	Chromium	7179	180-12188-1	0.05	0.025	mg/L	U	0.05		2012		Farmington

NM	Aqueous Brake Cleaner	Chromium	700804	180-2511-1	0.078	0.078	mg/L		0.05	2011		Farmington	
NM	Aqueous Brake Cleaner	Flash Point	700804	COI100567001	>200	201	Degrees F			2010		Farmington	
NM	Aqueous Brake Cleaner	Flash Point	700804	180-2511-1	>200	201	Degrees F		1	36	2011	58	Farmington
NM	Aqueous Brake Cleaner	Flash Point	7179	180-12188-1	>200	201	Degrees F		1		2012		Farmington
NM	Aqueous Brake Cleaner	Hexachlorobenzene	7179	180-12188-1	0.01	0.005	mg/L	U	10		2012		Farmington
NM	Aqueous Brake Cleaner	Hexachlorobenzene	700804	180-2511-1	0.1	0.05	mg/L	U	0.1		2011		Farmington
NM	Aqueous Brake Cleaner	Hexachlorobenzene	700804	COI100567001	1	0.5	mg/L	U	1		2010		Farmington
NM	Aqueous Brake Cleaner	Hexachlorobutadiene	7179	180-12188-1	0.01	0.005	mg/L	U	10		2012		Farmington
NM	Aqueous Brake Cleaner	Hexachlorobutadiene	700804	180-2511-1	0.1	0.05	mg/L	U	0.1		2011		Farmington
NM	Aqueous Brake Cleaner	Hexachlorobutadiene	700804	COI100567001	1	0.5	mg/L	U	1		2010		Farmington
NM	Aqueous Brake Cleaner	Hexachloroethane	7179	180-12188-1	0.05	0.025	mg/L	U	50		2012		Farmington
NM	Aqueous Brake Cleaner	Hexachloroethane	700804	180-2511-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Aqueous Brake Cleaner	Hexachloroethane	700804	COI100567001	1	0.5	mg/L	U	1		2010		Farmington
NM	Aqueous Brake Cleaner	Lead	700804	COI100567001	0.03	0.015	mg/L	U	0.03		2010		Farmington
NM	Aqueous Brake Cleaner	Lead	7179	180-12188-1	0.03	0.015	mg/L	U	0.03		2012		Farmington
NM	Aqueous Brake Cleaner	Lead	700804	180-2511-1	0.041	0.041	mg/L		0.03		2011		Farmington
NM	Aqueous Brake Cleaner	Mercury	700804	180-2511-1	0.00057	0.00057	mg/L	J	0.002		2011		Farmington
NM	Aqueous Brake Cleaner	Mercury	700804	COI100567001	0.002	0.001	mg/L	U	0.002		2010		Farmington
NM	Aqueous Brake Cleaner	Mercury	7179	180-12188-1	0.002	0.001	mg/L	U	0.002		2012		Farmington
NM	Aqueous Brake Cleaner	Methyl Ethyl Ketone	700804	COI100567001	0.2	0.1	mg/L	U	0.2		2010		Farmington
NM	Aqueous Brake Cleaner	Methyl Ethyl Ketone	700804	180-2511-1	0.2	0.1	mg/L	U	0.2	36	2011	58	Farmington
NM	Aqueous Brake Cleaner	Methyl Ethyl Ketone	7179	180-12188-1	0.34	0.34	mg/L		0.2		2012		Farmington
NM	Aqueous Brake Cleaner	Methylphenol, 3 & 4	7179	180-12188-1	0.05	0.025	mg/L	U	50		2012		Farmington
NM	Aqueous Brake Cleaner	Methylphenol, 3 & 4	700804	180-2511-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Aqueous Brake Cleaner	Methylphenol, 3 & 4	700804	COI100567001	1	0.5	mg/L	U	1		2010		Farmington
NM	Aqueous Brake Cleaner	Nitrobenzene	7179	180-12188-1	0.1	0.05	mg/L	U	100		2012		Farmington
NM	Aqueous Brake Cleaner	Nitrobenzene	700804	COI100567001	1	0.5	mg/L	U	1	33	2010	53	Farmington
NM	Aqueous Brake Cleaner	Nitrobenzene	700804	180-2511-1	1	0.5	mg/L	U	1		2011		Farmington
NM	Aqueous Brake Cleaner	Pentachlorophenol	7179	180-12188-1	0.05	0.025	mg/L	U	50		2012		Farmington
NM	Aqueous Brake Cleaner	Pentachlorophenol	700804	180-2511-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Aqueous Brake Cleaner	Pentachlorophenol	700804	COI100567001	5	2.5	mg/L	U	5		2010		Farmington
NM	Aqueous Brake Cleaner	pH	7179	180-12188-1	8.22	8.22	No Units	HF	0.1		2012		Farmington
NM	Aqueous Brake Cleaner	pH	700804	180-2511-1	10	10	No Units	HF	0.1		2011		Farmington
NM	Aqueous Brake Cleaner	pH	700804	COI100567001	11.2	11.2	No Units		0.1		2010		Farmington
NM	Aqueous Brake Cleaner	Pyridine	7179	180-12188-1	0.05	0.025	mg/L	U	50		2012		Farmington
NM	Aqueous Brake Cleaner	Pyridine	700804	180-2511-1	0.5	0.25	mg/L	U	0.5		2011		Farmington
NM	Aqueous Brake Cleaner	Pyridine	700804	COI100567001	2	1	mg/L	U	2		2010		Farmington
NM	Aqueous Brake Cleaner	Selenium	7179	180-12188-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	Aqueous Brake Cleaner	Selenium	700804	180-2511-1	0.038	0.038	mg/L	J	0.05		2011		Farmington
NM	Aqueous Brake Cleaner	Selenium	700804	COI100567001	0.076	0.076	mg/L		0.05		2010		Farmington
NM	Aqueous Brake Cleaner	Silver	700804	COI100567001	0.05	0.025	mg/L	U	0.05		2010		Farmington
NM	Aqueous Brake Cleaner	Silver	700804	180-2511-1	0.05	0.025	mg/L	U	0.05		2011		Farmington
NM	Aqueous Brake Cleaner	Silver	7179	180-12188-1	0.05	0.025	mg/L	U	0.05		2012		Farmington
NM	Aqueous Brake Cleaner	Specific Gravity	700804	COI100567001	0.97	0.97	No Units		0.01		2010		Farmington
NM	Aqueous Brake Cleaner	Specific Gravity	7179	180-12188-1	0.97	0.97	No Units		0.01		2012		Farmington

NM	Aqueous Brake Cleaner	Specific Gravity	700804	180-2511-1	0.98	0.98	No Units		0.01	2011	Farmington
NM	Aqueous Brake Cleaner	Tetrachloroethene	700804	180-2511-1	0.077	0.077	mg/L	J	0.2	2011	Farmington
NM	Aqueous Brake Cleaner	Tetrachloroethene	700804	C01100567001	0.2	0.1	mg/L	U	0.2	2010	Farmington
NM	Aqueous Brake Cleaner	Tetrachloroethene	7179	180-12188-1	0.2	0.1	mg/L	U	0.2	2012	Farmington
NM	Aqueous Brake Cleaner	Trichloroethene	700804	C01100567001	0.2	0.1	mg/L	U	0.2	2010	Farmington
NM	Aqueous Brake Cleaner	Trichloroethene	700804	180-2511-1	0.2	0.1	mg/L	U	0.2	2011	Farmington
NM	Aqueous Brake Cleaner	Trichloroethene	7179	180-12188-1	0.2	0.1	mg/L	U	0.2	2012	Farmington
NM	Aqueous Brake Cleaner	Vinyl Chloride	700804	C01100567001	0.2	0.1	mg/L	U	0.2	2010	Farmington
NM	Aqueous Brake Cleaner	Vinyl Chloride	700804	180-2511-1	0.2	0.1	mg/L	U	0.2	2011	Farmington
NM	Aqueous Brake Cleaner	Vinyl chloride	7179	180-12188-1	0.2	0.1	mg/L	U	0.2	2012	Farmington

STATE	CLIENT ID	PARAMETER	BRANCH ID	LAB SAMPLE ID	RESULT	RANKED DATA	UNITS	QUALIFIER	REPORTING LIMIT	Uth	YEAR	COUNT	CITY
NM	105 SOLVENT	1,1-Dichloroethene	700804	COK190658001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	105 SOLVENT	1,2-Dichloroethane	700804	COK190658001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	105 SOLVENT	1,4-Dichlorobenzene	700804	COK190658001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	105 SOLVENT	2,4,5-Trichlorophenol	700804	COK190658001	400	200	mg/L	U	400		2010		Farmington
NM	105 SOLVENT	2,4,6-Trichlorophenol	700804	COK190658001	2	1	mg/L	U	2		2010		Farmington
NM	105 SOLVENT	2,4-Dinitrotoluene	700804	COK190658001	0.13	0.065	mg/L	U	0.13		2010		Farmington
NM	105 SOLVENT	2-Methylphenol	700804	COK190658001	0.1	0.05	mg/L	U	0.1		2010		Farmington
NM	105 SOLVENT	3+4-Methylphenol	700804	COK190658001	0.71	0.71	mg/L		0.1		2010		Farmington
NM	105 SOLVENT	Arsenic	700804	COK190658001	1	0.5	mg/L	U	1		2010		Farmington
NM	105 SOLVENT	Barium	700804	COK190658001	20	10	mg/L	U	20		2010		Farmington
NM	105 SOLVENT	Benzene	700804	COK190658001	0.28	0.28	mg/L		0.25		2010		Farmington
NM	105 SOLVENT	Cadmium	700804	COK190658001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	105 SOLVENT	Carbon Tetrachloride	700804	COK190658001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	105 SOLVENT	Chlorobenzene	700804	COK190658001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	105 SOLVENT	Chloroform	700804	COK190658001	1	0.5	mg/L	U	1		2010		Farmington
NM	105 SOLVENT	Chromium	700804	COK190658001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	105 SOLVENT	Flash Point	700804	COK190658001	150	150	Degrees F				2010		Farmington
NM	105 SOLVENT	Hexachlorobenzene	700804	COK190658001	0.13	0.065	mg/L	U	0.13		2010		Farmington
NM	105 SOLVENT	Hexachlorobutadiene	700804	COK190658001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	105 SOLVENT	Hexachloroethane	700804	COK190658001	3	1.5	mg/L	U	3		2010		Farmington
NM	105 SOLVENT	Lead	700804	COK190658001	0.3	0.15	mg/L	U	0.3		2010		Farmington
NM	105 SOLVENT	Mercury	700804	COK190658001	0.033	0.0165	mg/L	U	0.033		2010		Farmington
NM	105 SOLVENT	Methyl Ethyl Ketone	700804	COK190658001	0.25	0.125	mg/L	U	0.25		2010		Farmington
NM	105 SOLVENT	Nitrobenzene	700804	COK190658001	0.1	0.05	mg/L	U	0.1		2010		Farmington
NM	105 SOLVENT	Pentachlorophenol	700804	COK190658001	100	50	mg/L	U	100		2010		Farmington
NM	105 SOLVENT	pH	700804	COK190658001	6.6	6.6	No Units				2010		Farmington
NM	105 SOLVENT	Pyridine	700804	COK190658001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	105 SOLVENT	Selenium	700804	COK190658001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	105 SOLVENT	Silver	700804	COK190658001	0.5	0.25	mg/L	U	0.5		2010		Farmington
NM	105 SOLVENT	Specific Gravity	700804	COK190658001	0.74	0.74	No Units		0.01		2010		Farmington
NM	105 SOLVENT	Tetrachloroethene	700804	COK190658001R2	700	700	mg/L		100		2010		Farmington
NM	105 SOLVENT	Trichloroethene	700804	COK190658001	13	13	mg/L		0.25		2010		Farmington
NM	105 SOLVENT	Vinyl Chloride	700804	COK190658001	0.1	0.05	mg/L	U	0.1		2010		Farmington

Matrix	Parameter	Branch	Sample ID	SG	Average SG	Average Density (lb/gal)	Year	City
AQUEOUS BRAKE CLEANER	Specific Gravity	202801	C0J150492001	0.50			2010	Lackawanna
AQUEOUS BRAKE CLEANER	Specific Gravity	714201	C9H040286001	0.76			2009	Chandler
AQUEOUS BRAKE CLEANER	Specific Gravity	506501	C9F020166001	0.86			2009	Grand Island
AQUEOUS BRAKE CLEANER	Specific Gravity	307902	C0J150404001	0.89			2010	Tallahassee
AQUEOUS BRAKE CLEANER	Specific Gravity	306401	C0E040499001	0.90			2010	Archdale
AQUEOUS BRAKE CLEANER	Specific Gravity	708805	180-1864-1	0.91			2011	Santa Ana
AQUEOUS BRAKE CLEANER	Specific Gravity	714801	C9H150183001	0.92			2009	Clackamas
AQUEOUS BRAKE CLEANER	Specific Gravity	619503	C9H270361001	0.92			2009	Dodge City
AQUEOUS BRAKE CLEANER	Specific Gravity	619501	C9F060171001	0.93			2009	Wichita
AQUEOUS BRAKE CLEANER	Specific Gravity	303102	C9G080303001	0.94			2009	St. Paul
AQUEOUS BRAKE CLEANER	Specific Gravity	512701	C9H070331001	0.94			2009	Omaha
AQUEOUS BRAKE CLEANER	Specific Gravity	316301	C9J210170001	0.94			2009	Tampa
AQUEOUS BRAKE CLEANER	Specific Gravity	218701	C9C280114001	0.95			2009	Syracuse
AQUEOUS BRAKE CLEANER	Specific Gravity	202802	C9D020219001	0.95			2009	Avon
AQUEOUS BRAKE CLEANER	Specific Gravity	200401	C9E210295001	0.95			2009	Cohoes
AQUEOUS BRAKE CLEANER	Specific Gravity	317101	C9F120356001	0.95			2009	Raleigh
AQUEOUS BRAKE CLEANER	Specific Gravity	708805	C9H060338001	0.95			2009	Santa Ana
AQUEOUS BRAKE CLEANER	Specific Gravity	315401	C9J200211001	0.95			2009	Chester
AQUEOUS BRAKE CLEANER	Specific Gravity	715701	C0E200543001	0.95			2010	Sacramento
AQUEOUS BRAKE CLEANER	Specific Gravity	708805	C0F170598001	0.95			2010	Santa Ana
AQUEOUS BRAKE CLEANER	Specific Gravity	118308	C0H110453001	0.95			2010	Boise
AQUEOUS BRAKE CLEANER	Specific Gravity	619501	C0J140605001	0.95			2010	Wichita
AQUEOUS BRAKE CLEANER	Specific Gravity	202802	C0J140607001	0.95			2010	Avon
AQUEOUS BRAKE CLEANER	Specific Gravity	210501	C0J150495001	0.95			2010	Barre
AQUEOUS BRAKE CLEANER	Specific Gravity	715701	180-1146-1	0.95			2011	Sacramento
AQUEOUS BRAKE CLEANER	Specific Gravity	700801	180-1072-1	0.96			2011	Albuquerque
AQUEOUS BRAKE CLEANER	Specific Gravity	303102	180-1860-1	0.96			2011	St. Pauls
AQUEOUS BRAKE CLEANER	Specific Gravity	512701	180-2234-1	0.96			2011	Omaha
AQUEOUS BRAKE CLEANER	Specific Gravity	714201	180-2686-1	0.96			2011	Chandler
AQUEOUS BRAKE CLEANER	Specific Gravity	619503	180-2879-1	0.96			2011	Dodge City
AQUEOUS BRAKE CLEANER	Specific Gravity	210501	C8J220307001	0.97			2008	Barre
AQUEOUS BRAKE CLEANER	Specific Gravity	306401	C9D220166001	0.97	0.95	7.96	2009	Archdale
AQUEOUS BRAKE CLEANER	Specific Gravity	700801	C9J020311001	0.97			2009	Albuquerque
AQUEOUS BRAKE CLEANER	Specific Gravity	317101	C0F080561001	0.97			2010	Raleigh
AQUEOUS BRAKE CLEANER	Specific Gravity	512701	C0F090489001	0.97			2010	Omaha
AQUEOUS BRAKE CLEANER	Specific Gravity	700804	C0I100567001	0.97			2010	Farmington
AQUEOUS BRAKE CLEANER	Specific Gravity	306401	C1E030548001	0.97			2011	Archdale

AQUEOUS BRAKE CLEANER	Specific Gravity	218701	C1D260448001	0.97	2011	Syracuse
AQUEOUS BRAKE CLEANER	Specific Gravity	202801	C1D290521001	0.97	2011	Lackawanna
AQUEOUS BRAKE CLEANER	Specific Gravity	619501	180-1534-1	0.97	2011	Wichita
AQUEOUS BRAKE CLEANER	Specific Gravity	303101	C8I230210001	0.98	2008	Charlotte
AQUEOUS BRAKE CLEANER	Specific Gravity	303102	C0F080567001	0.98	2010	St. Paul
AQUEOUS BRAKE CLEANER	Specific Gravity	714201	C0G230402001	0.98	2010	Chandler
AQUEOUS BRAKE CLEANER	Specific Gravity	619503	C0G300407001	0.98	2010	Dodge City
AQUEOUS BRAKE CLEANER	Specific Gravity	714801	C0H130589001	0.98	2010	Clackamas
AQUEOUS BRAKE CLEANER	Specific Gravity	700801	C0H170462001	0.98	2010	Albuquerque
AQUEOUS BRAKE CLEANER	Specific Gravity	315401	C0J150507001	0.98	2010	Chester
AQUEOUS BRAKE CLEANER	Specific Gravity	303101	180-590-1	0.98	2011	Charlotte
AQUEOUS BRAKE CLEANER	Specific Gravity	317101	180-587-1	0.98	2011	Raleigh
AQUEOUS BRAKE CLEANER	Specific Gravity	714801	180-2222-1	0.98	2011	Clackamas
AQUEOUS BRAKE CLEANER	Specific Gravity	700804	180-2511-1	0.98	2011	Farmington
AQUEOUS BRAKE CLEANER	Specific Gravity	312101	C9I250187001	0.99	2009	Chesapeake
AQUEOUS BRAKE CLEANER	Specific Gravity	312101	C0H190546001	0.99	2010	Chesapeake
AQUEOUS BRAKE CLEANER	Specific Gravity	200401	C1C100615001	0.99	2011	Cohoes
AQUEOUS BRAKE CLEANER	Specific Gravity	202802	C1D280563001	0.99	2011	Avon
AQUEOUS BRAKE CLEANER	Specific Gravity	819401	L690481-1	1.00	2008	Nisku
AQUEOUS BRAKE CLEANER	Specific Gravity	303101	C0A060525002	1.00	2009	Charlotte
AQUEOUS BRAKE CLEANER	Specific Gravity	202801	C9C280118001	1.00	2009	Lackawanna
AQUEOUS BRAKE CLEANER	Specific Gravity	210501	C9K040514001	1.00	2009	Barre
AQUEOUS BRAKE CLEANER	Specific Gravity	316301	180-2189-1	1.00	2011	Tampa
AQUEOUS BRAKE CLEANER	Specific Gravity	118308	180-2326-1	1.00	2011	Boise
AQUEOUS BRAKE CLEANER	Specific Gravity	818306	AR 2008 8-183-06-6	1.02	2008	Langley
AQUEOUS BRAKE CLEANER	Specific Gravity	118308	C9D240224001	1.10	2009	Boise
DRY CLEANING PERC BOTTOMS	Specific Gravity	303102	C8J140151001	0.78	2008	St. Paul
DRY CLEANING PERC BOTTOMS	Specific Gravity	619301	C8J100444001	0.78	2008	Tulsa
DRY CLEANING PERC BOTTOMS	Specific Gravity	303102	C8J140151001	0.78	2008	St. Paul
DRY CLEANING PERC BOTTOMS	Specific Gravity	619301	C8J100444001	0.78	2008	Tulsa
DRY CLEANING PERC BOTTOMS	Specific Gravity	701501	180-1977-1	0.81	2011	Fresno
DRY CLEANING PERC BOTTOMS	Specific Gravity	619501	C9F060164001	0.94	2009	Wichita
DRY CLEANING PERC BOTTOMS	Specific Gravity	619501	C9F060164001	0.94	2009	Wichita
DRY CLEANING PERC BOTTOMS	Specific Gravity	700801	180-1076-1	0.96	2011	Albuquerque
DRY CLEANING PERC BOTTOMS	Specific Gravity	708805	180-1971-1	0.96	2011	Santa Ana
DRY CLEANING PERC BOTTOMS	Specific Gravity	717201	180-1970-1	0.96	2011	Highland
DRY CLEANING PERC BOTTOMS	Specific Gravity	714801	180-2233-1	0.96	2011	Clackamas
DRY CLEANING PERC BOTTOMS	Specific Gravity	819401	L690481-2	1.00	2008	Nisku
DRY CLEANING PERC BOTTOMS	Specific Gravity	303101	C8I250138001	1.00	2008	Charlotte
DRY CLEANING PERC BOTTOMS	Specific Gravity	315401	C9J200207001	1.00	2009	Chester

DRY CLEANING PERC BOTTOMS	Specific Gravity	512701	C0F100551001	1.00			2010	Omaha
DRY CLEANING PERC BOTTOMS	Specific Gravity	708802	C0F220564001	1.00			2010	Los Angeles
DRY CLEANING PERC BOTTOMS	Specific Gravity	303101	C8I250138001	1.00			2008	Charlotte
DRY CLEANING PERC BOTTOMS	Specific Gravity	819401	L690481-2	1.00			2008	Nisku
DRY CLEANING PERC BOTTOMS	Specific Gravity	303102	180-1763-1	1.00			2011	St. Pauls
DRY CLEANING PERC BOTTOMS	Specific Gravity	303102	C0F090574001	1.10			2010	St. Paul
DRY CLEANING PERC BOTTOMS	Specific Gravity	317101	C0F090577001	1.10			2010	Raleigh
DRY CLEANING PERC BOTTOMS	Specific Gravity	303101	C0A070446001	1.10			2009	Charlotte
DRY CLEANING PERC BOTTOMS	Specific Gravity	708802	C9G140268001	1.10			2009	Los Angeles
DRY CLEANING PERC BOTTOMS	Specific Gravity	716601	C9G060153001	1.10			2009	Salt Lake City
DRY CLEANING PERC BOTTOMS	Specific Gravity	619301	C0H270495001	1.10			2010	Tulsa
DRY CLEANING PERC BOTTOMS	Specific Gravity	700801	C9J070318001	1.10			2009	Albuquerque
DRY CLEANING PERC BOTTOMS	Specific Gravity	714201	C9H130291001	1.10			2009	Chandler
DRY CLEANING PERC BOTTOMS	Specific Gravity	715701	C9E300185001	1.10			2009	Sacramento
DRY CLEANING PERC BOTTOMS	Specific Gravity	118308	C0H100565001	1.10			2010	Boise
DRY CLEANING PERC BOTTOMS	Specific Gravity	700801	C0H180457001	1.10			2010	Albuquerque
DRY CLEANING PERC BOTTOMS	Specific Gravity	714201	C9H130291001	1.10			2009	Chandler
DRY CLEANING PERC BOTTOMS	Specific Gravity	708802	C9G140268001	1.10			2009	Los Angeles
DRY CLEANING PERC BOTTOMS	Specific Gravity	715701	C9E300185001	1.10			2009	Sacramento
DRY CLEANING PERC BOTTOMS	Specific Gravity	716601	C9G060153001	1.10			2009	Salt Lake City
DRY CLEANING PERC BOTTOMS	Specific Gravity	700801	C9J070318001	1.10			2009	Albuquerque
DRY CLEANING PERC BOTTOMS	Specific Gravity	303101	180-644-1	1.10			2011	Charlotte
DRY CLEANING PERC BOTTOMS	Specific Gravity	715701	180-1190-1	1.10			2011	Sacramento
DRY CLEANING PERC BOTTOMS	Specific Gravity	708802	180-1967-1	1.10			2011	Los Angeles
DRY CLEANING PERC BOTTOMS	Specific Gravity	700804	180-1901-1	1.10			2011	Farmington
DRY CLEANING PERC BOTTOMS	Specific Gravity	619301	180-2602-1	1.10			2011	Tulsa
DRY CLEANING PERC BOTTOMS	Specific Gravity	717201	C9G140267001	1.20			2009	Highland
DRY CLEANING PERC BOTTOMS	Specific Gravity	619503	C0G300421001	1.20			2010	Dodge City
DRY CLEANING PERC BOTTOMS	Specific Gravity	700804	C0I130447001	1.20			2010	Farmington
DRY CLEANING PERC BOTTOMS	Specific Gravity	612401	C8J280217001	1.20	1.16	9.70	2008	Oklahoma City
DRY CLEANING PERC BOTTOMS	Specific Gravity	303102	C9D300323001	1.20			2009	St. Paul
DRY CLEANING PERC BOTTOMS	Specific Gravity	315501	C9J220186001	1.20			2009	Vinton
DRY CLEANING PERC BOTTOMS	Specific Gravity	512701	C9H100170001	1.20			2009	Omaha
DRY CLEANING PERC BOTTOMS	Specific Gravity	716601	C9D230149001	1.20			2009	Salt Lake City
DRY CLEANING PERC BOTTOMS	Specific Gravity	708805	C0F230522001	1.20			2010	Santa Ana
DRY CLEANING PERC BOTTOMS	Specific Gravity	714201	C0G230584001	1.20			2010	Chandler
DRY CLEANING PERC BOTTOMS	Specific Gravity	316301	C9J210208001	1.20			2009	Tampa
DRY CLEANING PERC BOTTOMS	Specific Gravity	612401	C8J280217001	1.20			2008	Oklahoma City
DRY CLEANING PERC BOTTOMS	Specific Gravity	717201	C9G140267001	1.20			2009	Highland
DRY CLEANING PERC BOTTOMS	Specific Gravity	512701	C9H100170001	1.20			2009	Omaha
DRY CLEANING PERC BOTTOMS	Specific Gravity	716601	C9D230149001	1.20			2009	Salt Lake City

DRY CLEANING PERC BOTTOMS	Specific Gravity	303102	C9D300323001	1.20			2009	St. Paul
DRY CLEANING PERC BOTTOMS	Specific Gravity	316301	C9J210208001X	1.20			2009	Tampa
DRY CLEANING PERC BOTTOMS	Specific Gravity	715701	C0E220433001	1.20			2010	Sacramento
DRY CLEANING PERC BOTTOMS	Specific Gravity	619501	180-1530-1	1.20			2011	Wichita
DRY CLEANING PERC BOTTOMS	Specific Gravity	512701	180-2019-1	1.20			2011	Omaha
DRY CLEANING PERC BOTTOMS	Specific Gravity	316301	180-2206-1	1.20			2011	Tampa
DRY CLEANING PERC BOTTOMS	Specific Gravity	306401	C9I240188001	1.30			2009	Archdale
DRY CLEANING PERC BOTTOMS	Specific Gravity	612401	C9I300283001	1.30			2009	Oklahoma City
DRY CLEANING PERC BOTTOMS	Specific Gravity	118308	C9D240202001	1.30			2009	Boise
DRY CLEANING PERC BOTTOMS	Specific Gravity	701501	C9G310296001	1.30			2009	Fresno
DRY CLEANING PERC BOTTOMS	Specific Gravity	708805	C9J050174001	1.30			2009	Santa Ana
DRY CLEANING PERC BOTTOMS	Specific Gravity	312101	C0H200531001	1.30			2010	Chesapeake
DRY CLEANING PERC BOTTOMS	Specific Gravity	714801	C0I170622001	1.30			2010	Clackamas
DRY CLEANING PERC BOTTOMS	Specific Gravity	312101	C9K180602001	1.30			2009	Chesapeake
DRY CLEANING PERC BOTTOMS	Specific Gravity	714801	C9H150190001	1.30			2009	Clackamas
DRY CLEANING PERC BOTTOMS	Specific Gravity	118308	C9D240202001	1.30			2009	Boise
DRY CLEANING PERC BOTTOMS	Specific Gravity	701501	C9G310296001	1.30			2009	Fresno
DRY CLEANING PERC BOTTOMS	Specific Gravity	306401	C9I240188001	1.30			2009	Archdale
DRY CLEANING PERC BOTTOMS	Specific Gravity	708805	C9J050174001	1.30			2009	Santa Ana
DRY CLEANING PERC BOTTOMS	Specific Gravity	714801	C9H150190001	1.30			2009	Clackamas
DRY CLEANING PERC BOTTOMS	Specific Gravity	306401	180-604-7	1.30			2011	Archdale
DRY CLEANING PERC BOTTOMS	Specific Gravity	303101	180-604-4	1.30			2011	Charlotte
DRY CLEANING PERC BOTTOMS	Specific Gravity	118308	180-2601-1	1.30			2011	Boise
DRY CLEANING PERC BOTTOMS	Specific Gravity	714201	180-2683-1	1.30			2011	Chandler
DRY CLEANING PERC BOTTOMS	Specific Gravity	818306	AR2008 8-183-06-5	1.40			2008	Langley
DRY CLEANING PERC BOTTOMS	Specific Gravity	717201	C0F290528001	1.40			2010	Highland
DRY CLEANING PERC BOTTOMS	Specific Gravity	619301	C9K180599001	1.40			2009	Tulsa
DRY CLEANING PERC BOTTOMS	Specific Gravity	818306	AR2008 8-183-06-5	1.40			2008	Langley
DRY CLEANING PERC BOTTOMS	Specific Gravity	619503	180-2877-1	1.40			2011	Dodge City
DRY CLEANING PERC BOTTOMS	Specific Gravity	306401	C0D290562001	1.50			2010	Archdale
DRY CLEANING PERC BOTTOMS	Specific Gravity	619501	C0G090579001	1.50			2010	Wichita
DRY CLEANING PERC BOTTOMS	Specific Gravity	619503	C9H270359001	1.50			2009	Dodge City
DRY CLEANING PERC BOTTOMS	Specific Gravity	619503	C9H270359001	1.50			2009	Dodge City
DRY CLEANING PERC FILTERS	Specific Gravity	118308	C0H100562001	0.57			2010	Boise
DRY CLEANING PERC FILTERS	Specific Gravity	714801	C9H150186001	1.20			2009	Clackamas
DRY CLEANING PERC FILTERS	Specific Gravity	714801	C9H150186001	1.20			2009	Clackamas
DRY CLEANING PERC FILTERS	Specific Gravity	714201	C0G230583001	1.30			2010	Chandler
DRY CLEANING PERC FILTERS	Specific Gravity	118308	C9D240199001	1.40			2009	Boise
DRY CLEANING PERC FILTERS	Specific Gravity	714801	C0I170621001	1.40			2010	Clackamas
DRY CLEANING PERC FILTERS	Specific Gravity	118308	C9D240199001	1.40	1.36	11.3	2009	Boise

DRY CLEANING PERC FILTERS	Specific Gravity	714201	C9H130292001	1.50			2009	Chandler
DRY CLEANING PERC FILTERS	Specific Gravity	714201	C9H130292001	1.50			2009	Chandler
DRY CLEANING PERC FILTERS	Specific Gravity	714801	180-2230-1	1.50			2011	Clackamas
DRY CLEANING PERC FILTERS	Specific Gravity	118308	180-2970-1	1.60			2011	Boise
DRY CLEANING PERC FILTERS	Specific Gravity	714201	180-2682-1	1.70			2011	Chandler
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	701501	C9G300326001	0.77			2009	Fresno
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	717201	C9G310294001	0.92			2009	Highland
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	708805	180-1863-2	0.94			2011	Santa Ana
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	717201	180-1963-1	0.94			2011	Highland
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	708802	180-1930-2	0.95			2011	Los Angeles
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	708805	C0F290458001	0.96			2010	Santa Ana
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	715701	180-1133-1	0.96			2011	Sacramento
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	717201	C0F250428001	0.97	0.95	7.93	2010	Highland
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	708805	C9H280341001	0.98			2009	Santa Ana
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	708802	C9G100192001	0.98			2009	Los Angeles
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	715701	C9G140261001	0.98			2009	Sacramento
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	708802	C9G100192001	0.98			2009	Los Angeles
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	715701	C9G140261001	0.98			2009	Sacramento
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	708805	C9H280341001	0.98			2009	Santa Ana
IMMERSION CLEANER (AQUEOUS)	Specific Gravity	715701	C0E200552001	0.98			2010	Sacramento
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	701501	C9G300326001	0.77			2009	Fresno
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	506501	C9F020157002	0.84			2009	Grand Island
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	506501	C9F020157002	0.84			2009	Grand Island
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	118308	180-2361-2	0.84			2011	Boise
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	306401	C9D170187001	0.85			2009	Archdale
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	306401	C9D170187001	0.85			2009	Archdale
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619501	C9F060163001	0.86			2009	Wichita
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619501	C9F060163001	0.86			2009	Wichita
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	512701	C9I110302001	0.87			2009	Omaha
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	700801	C9J070308001	0.87			2009	Albuquerque
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	512701	C9I110302001	0.87			2009	Omaha
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	700801	C9J070308001	0.87			2009	Albuquerque
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	303101	180-592-2	0.87			2011	Charlotte
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	700804	180-2463-1	0.87			2011	Farmington
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619301	180-2450-2	0.87			2011	Tulsa
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	303101	C8I240224001	0.88			2008	Charlotte
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	303102	C8J010215001	0.88			2008	St. Paul
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	714801	C9H150189001	0.88			2009	Clackamas
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	303101	C8I240224001	0.88			2008	Charlotte
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	303102	C8J010215001	0.88			2008	St. Paul

IMMERSION CLEANER (PETROLEUM)	Specific Gravity	714801	C9H150189001	0.88			2009	Clackamas
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	315501	C9J230318001	0.88			2009	Vinton
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	317101	C0F080564001	0.88			2010	Raleigh
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	512701	C0E280545001	0.88			2010	Omaha
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	716601	180-604-9	0.88			2011	Salt Lake City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	306401	180-368-2	0.88			2011	Archdale
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	303102	180-1345-2	0.88			2011	St. Pauls
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	512701	180-1764-1	0.88			2011	Omaha
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	210501	C9H060339002	0.89			2009	Barre
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	210501	C9H060339002	0.89			2009	Barre
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	303101	C0A060531001	0.89			2009	Charlotte
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	303102	C9J230315001	0.89			2009	St. Paul
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	303102	C0F080569001	0.89			2010	St. Paul
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	312101	C0H200524001	0.89			2010	Chesapeake
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619501	C0G090578001	0.89			2010	Wichita
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	714801	C0H130591001	0.89			2010	Clackamas
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	716601	C0D220564001	0.89			2010	Salt Lake City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	714201	C0G230577001	0.89			2010	Chandler
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	317101	180-604-3	0.89			2011	Raleigh
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	210501	180-1295-1	0.89			2011	Barre
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	700801	180-1126-2	0.89	0.90	7.48	2011	Albuquerque
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619501	180-1537-1	0.89			2011	Wichita
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	316301	180-2188-2	0.89			2011	Tampa
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	714801	180-2215-1	0.89			2011	Clackamas
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	612401	180-2369-2	0.89			2011	Oklahoma City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	714201	180-2684-2	0.89			2011	Chandler
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	315501	C0I030624001	0.90			2010	Vinton
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	612401	C8I190319001	0.90			2008	Oklahoma City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619503	C8L130107001	0.90			2008	Dodge City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	612401	C8I190319001	0.90			2008	Oklahoma City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619503	C8L130107001	0.90			2008	Dodge City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	316301	C9J210200001	0.90			2009	Tampa
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	118308	C0H100556001	0.90			2010	Boise
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	506501	C0F080577001	0.90			2010	Grand Island
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619503	180-2880-2	0.90			2011	Dodge City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	612401	C0I010536001	0.91			2010	Oklahoma City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619301	C0H270487001	0.91			2010	Tulsa
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619503	C0G300411001	0.91			2010	Dodge City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	715701	C0E210583001	0.91			2010	Sacramento
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	506501	180-1490-1	0.91			2011	Grand Island
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	312101	C9I250190001	0.92			2009	Chesapeake

IMMERSION CLEANER (PETROLEUM)	Specific Gravity	716601	C9D230265001	0.92	2009	Salt Lake City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	312101	C9I250190001	0.92	2009	Chesapeake
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	716601	C9D230265001	0.92	2009	Salt Lake City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	717201	C9G310294001	0.92	2009	Highland
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	118308	C9D240219001	0.93	2009	Boise
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	612401	C9G240285001	0.93	2009	Oklahoma City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619301	C9H140209001	0.93	2009	Tulsa
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	118308	C9D240219001	0.93	2009	Boise
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	612401	C9G240285001	0.93	2009	Oklahoma City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619301	C9H140209001	0.93	2009	Tulsa
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	715701	C9K180603001	0.93	2009	Sacramento
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	819401	L690481-3	0.94	2008	Nisku
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	819401	L690481-3	0.94	2008	Nisku
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	700801	C0I100588001	0.94	2010	Albuquerque
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	818306	AR2008 8-183-06-1	0.96	2008	Langley
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	714201	C9H050274001	0.96	2009	Chandler
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	714201	C9H050274001	0.96	2009	Chandler
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	818306	AR2008 8-183-06-1	0.96	2008	Langley
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619503	C9H270356002	0.97	2009	Dodge City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	619503	C9H270356002	0.97	2009	Dodge City
IMMERSION CLEANER (PETROLEUM)	Specific Gravity	306401	C0E040511001	0.97	2010	Archdale
AIN T GUN CLEANER RELATED WAST	Specific Gravity	701501	180-1962-1	0.75	2011	Fresno
AIN T GUN CLEANER RELATED WAST	Specific Gravity	715701	C0E210587001	0.76	2010	Sacramento
AIN T GUN CLEANER RELATED WAST	Specific Gravity	717201	C0F290513001	0.76	2010	Highland
AIN T GUN CLEANER RELATED WAST	Specific Gravity	708805	180-2018-1	0.76	2011	Santa Ana
AIN T GUN CLEANER RELATED WAST	Specific Gravity	701501	C0F220553001	0.77	2010	Fresno
AIN T GUN CLEANER RELATED WAST	Specific Gravity	708802	C0F220566001	0.77	2010	Los Angeles
AIN T GUN CLEANER RELATED WAST	Specific Gravity	701501	C9G300322001	0.77	2009	Fresno
AIN T GUN CLEANER RELATED WAST	Specific Gravity	701501	C9G300322001	0.77	2009	Fresno
AIN T GUN CLEANER RELATED WAST	Specific Gravity	708805	C0F230521001	0.77	2010	Santa Ana
AIN T GUN CLEANER RELATED WAST	Specific Gravity	715701	180-1189-1	0.77	2011	Sacramento
AIN T GUN CLEANER RELATED WAST	Specific Gravity	714201	C0G230574001	0.78	2010	Chandler
AIN T GUN CLEANER RELATED WAST	Specific Gravity	619301	C9H140212001	0.78	2009	Tulsa
AIN T GUN CLEANER RELATED WAST	Specific Gravity	619301	C9H140212001	0.78	2009	Tulsa
AIN T GUN CLEANER RELATED WAST	Specific Gravity	303101	C0A060533001	0.79	2009	Charlotte
AIN T GUN CLEANER RELATED WAST	Specific Gravity	512701	C0E280531001	0.79	2010	Omaha
AIN T GUN CLEANER RELATED WAST	Specific Gravity	619301	C0H270474001	0.79	2010	Tulsa
AIN T GUN CLEANER RELATED WAST	Specific Gravity	714801	C9H150184001	0.79	2009	Clackamas
AIN T GUN CLEANER RELATED WAST	Specific Gravity	306401	C9D170185001	0.79	2009	Archdale
AIN T GUN CLEANER RELATED WAST	Specific Gravity	306401	C9D170185001	0.79	2009	Archdale

AINT GUN CLEANER RELATED WAST	Specific Gravity	714801	C9H150184001	0.79			2009	Clackamas
AINT GUN CLEANER RELATED WAST	Specific Gravity	700801	180-1149-1	0.79			2011	Albuquerque
AINT GUN CLEANER RELATED WAST	Specific Gravity	700804	180-1895-1	0.79			2011	Farmington
AINT GUN CLEANER RELATED WAST	Specific Gravity	118308	C0H110456001	0.80			2010	Boise
AINT GUN CLEANER RELATED WAST	Specific Gravity	303102	C9J230305001	0.80			2009	St. Paul
AINT GUN CLEANER RELATED WAST	Specific Gravity	306401	C0D300552001	0.80			2010	Archdale
AINT GUN CLEANER RELATED WAST	Specific Gravity	315501	C9J210167001	0.80			2009	Vinton
AINT GUN CLEANER RELATED WAST	Specific Gravity	714801	C0H130584001	0.80			2010	Clackamas
AINT GUN CLEANER RELATED WAST	Specific Gravity	303101	C8I240221001	0.80			2008	Charlotte
AINT GUN CLEANER RELATED WAST	Specific Gravity	317101	C9F120360001	0.80			2009	Raleigh
AINT GUN CLEANER RELATED WAST	Specific Gravity	612401	C8I190318001	0.80			2008	Oklahoma City
AINT GUN CLEANER RELATED WAST	Specific Gravity	612401	C9G230263002	0.80			2009	Oklahoma City
AINT GUN CLEANER RELATED WAST	Specific Gravity	619501	C9F060173001	0.80			2009	Wichita
AINT GUN CLEANER RELATED WAST	Specific Gravity	714201	C9H050268001	0.80			2009	Chandler
AINT GUN CLEANER RELATED WAST	Specific Gravity	303101	C8I240221001	0.80			2008	Charlotte
AINT GUN CLEANER RELATED WAST	Specific Gravity	612401	C8I190318001	0.80			2008	Oklahoma City
AINT GUN CLEANER RELATED WAST	Specific Gravity	714201	C9H050268001	0.80			2009	Chandler
AINT GUN CLEANER RELATED WAST	Specific Gravity	317101	C9F120360001	0.80			2009	Raleigh
AINT GUN CLEANER RELATED WAST	Specific Gravity	612401	C9G230263002	0.80			2009	Oklahoma City
AINT GUN CLEANER RELATED WAST	Specific Gravity	619501	C9F060173001	0.80			2009	Wichita
AINT GUN CLEANER RELATED WAST	Specific Gravity	306401	180-367-1	0.80			2011	Archdale
AINT GUN CLEANER RELATED WAST	Specific Gravity	303101	180-595-1	0.80			2011	Charlotte
AINT GUN CLEANER RELATED WAST	Specific Gravity	317101	180-588-1	0.80			2011	Raleigh
AINT GUN CLEANER RELATED WAST	Specific Gravity	714801	180-2229-1	0.80			2011	Clackamas
AINT GUN CLEANER RELATED WAST	Specific Gravity	316301	C9J210206001	0.81			2009	Tampa
AINT GUN CLEANER RELATED WAST	Specific Gravity	612401	C0I010535001	0.81			2010	Oklahoma City
AINT GUN CLEANER RELATED WAST	Specific Gravity	619501	C0G090574001	0.81			2010	Wichita
AINT GUN CLEANER RELATED WAST	Specific Gravity	700801	C0I100589001	0.81	0.82	6.80	2010	Albuquerque
AINT GUN CLEANER RELATED WAST	Specific Gravity	303102	C8J010217001	0.81			2008	St. Paul
AINT GUN CLEANER RELATED WAST	Specific Gravity	700801	C9J070325001	0.81			2009	Albuquerque
AINT GUN CLEANER RELATED WAST	Specific Gravity	715701	C9E300184001	0.81			2009	Sacramento
AINT GUN CLEANER RELATED WAST	Specific Gravity	303102	C8J010217001	0.81			2008	St. Paul
AINT GUN CLEANER RELATED WAST	Specific Gravity	715701	C9E300184001	0.81			2009	Sacramento
AINT GUN CLEANER RELATED WAST	Specific Gravity	700801	C9J070325001	0.81			2009	Albuquerque
AINT GUN CLEANER RELATED WAST	Specific Gravity	506501	180-1492-1	0.81			2011	Grand Island
AINT GUN CLEANER RELATED WAST	Specific Gravity	512701	180-1684-1	0.81			2011	Omaha
AINT GUN CLEANER RELATED WAST	Specific Gravity	316301	180-2166-1	0.81			2011	Tampa
AINT GUN CLEANER RELATED WAST	Specific Gravity	303102	C0F080572001	0.82			2010	St. Paul
AINT GUN CLEANER RELATED WAST	Specific Gravity	317101	C0F080574001	0.82			2010	Raleigh
AINT GUN CLEANER RELATED WAST	Specific Gravity	506501	C0F080575001	0.82			2010	Grand Island
AINT GUN CLEANER RELATED WAST	Specific Gravity	716601	C0D220552001	0.82			2010	Salt Lake City

AINT GUN CLEANER RELATED WAST	Specific Gravity	210501	C8J030261001	0.82	2008	Barre	
AINT GUN CLEANER RELATED WAST	Specific Gravity	210501	C8J030261001	0.82	2008	Barre	
AINT GUN CLEANER RELATED WAST	Specific Gravity	210501	C9F160275001	0.82	2009	Barre	
AINT GUN CLEANER RELATED WAST	Specific Gravity	512701	C9I110301001	0.82	2009	Omaha	
AINT GUN CLEANER RELATED WAST	Specific Gravity	210501	C8J030261001	0.82	2008	Barre	
AINT GUN CLEANER RELATED WAST	Specific Gravity	210501	C8J030261001	0.82	2008	Barre	
AINT GUN CLEANER RELATED WAST	Specific Gravity	210501	C9F160275001	0.82	2009	Barre	
AINT GUN CLEANER RELATED WAST	Specific Gravity	512701	C9I110301001	0.82	2009	Omaha	
AINT GUN CLEANER RELATED WAST	Specific Gravity	210501	180-347-1	0.82	2011	Barre	
AINT GUN CLEANER RELATED WAST	Specific Gravity	303102	180-1767-1	0.82	2011	St. Pauls	
AINT GUN CLEANER RELATED WAST	Specific Gravity	612401	180-2370-1	0.82	2011	Oklahoma City	
AINT GUN CLEANER RELATED WAST	Specific Gravity	315501	C0I030616001	0.83	2010	Vinton	
AINT GUN CLEANER RELATED WAST	Specific Gravity	210501	C9K060551001	0.83	2009	Barre	
AINT GUN CLEANER RELATED WAST	Specific Gravity	118308	C9D240227001	0.83	2009	Boise	
AINT GUN CLEANER RELATED WAST	Specific Gravity	512701	C8K140362001	0.83	2008	Omaha	
AINT GUN CLEANER RELATED WAST	Specific Gravity	512701	C8K140362001	0.83	2008	Omaha	
AINT GUN CLEANER RELATED WAST	Specific Gravity	118308	C9D240227001	0.83	2009	Boise	
AINT GUN CLEANER RELATED WAST	Specific Gravity	619501	180-1533-1	0.83	2011	Wichita	
AINT GUN CLEANER RELATED WAST	Specific Gravity	118308	180-2360-1	0.84	2011	Boise	
AINT GUN CLEANER RELATED WAST	Specific Gravity	312101	C0H130592001	0.85	2010	Chesapeake	
AINT GUN CLEANER RELATED WAST	Specific Gravity	716601	C9D230268001	0.85	2009	Salt Lake City	
AINT GUN CLEANER RELATED WAST	Specific Gravity	716601	C9D230268001	0.85	2009	Salt Lake City	
AINT GUN CLEANER RELATED WAST	Specific Gravity	619301	180-2457-1	0.85	2011	Tulsa	
AINT GUN CLEANER RELATED WAST	Specific Gravity	818306	AR2008 8-183-06-7	0.86	2008	Langley	
AINT GUN CLEANER RELATED WAST	Specific Gravity	819401	L690481-4	0.86	2008	Nisku	
AINT GUN CLEANER RELATED WAST	Specific Gravity	818306	AR2008 8-183-06-7	0.86	2008	Langley	
AINT GUN CLEANER RELATED WAST	Specific Gravity	819401	L690481-4	0.86	2008	Nisku	
AINT GUN CLEANER RELATED WAST	Specific Gravity	714201	180-2667-1	0.88	2011	Chandler	
AINT GUN CLEANER RELATED WAST	Specific Gravity	708802	180-1965-1	0.90	2011	Los Angeles	
AINT GUN CLEANER RELATED WAST	Specific Gravity	708802	C9G300323001	0.94	2009	Los Angeles	
AINT GUN CLEANER RELATED WAST	Specific Gravity	708802	C9G300323001	0.94	2009	Los Angeles	
AINT GUN CLEANER RELATED WAST	Specific Gravity	717201	C9G300315001	1.00	2009	Highland	
AINT GUN CLEANER RELATED WAST	Specific Gravity	717201	C9G300315001	1.00	2009	Highland	
	PWS 150	Specific Gravity	307902	C0J270475001	0.44	2010	Tallahassee
	PWS 150	Specific Gravity	700804	180-1865-1	0.72	2011	Farmington
	PWS 150	Specific Gravity	619301	C0H270471001	0.73	2010	Tulsa
	PWS 150	Specific Gravity	619501	C0G090573001	0.73	2010	Wichita
	PWS 150	Specific Gravity	218701	180-1899-1	0.73	2011	Syracuse
	PWS 150	Specific Gravity	118308	180-2356-1	0.73	2011	Boise
	PWS 150	Specific Gravity	619503	C0H030472001	0.74	2010	Dodge City

PWS 150	Specific Gravity	303102	C8J020304001	0.74	2008	St. Paul
PWS 150	Specific Gravity	306401	C9D160222001	0.74	2009	Archdale
PWS 150	Specific Gravity	714201	C9H050287001	0.74	2009	Chandler
PWS 150	Specific Gravity	303102	C8J020304001	0.74	2008	St. Paul
PWS 150	Specific Gravity	306401	C9D160222001	0.74	2009	Archdale
PWS 150	Specific Gravity	714201	C9H050287001	0.74	2009	Chandler
PWS 150	Specific Gravity	315401	C9J200215001	0.74	2009	Chester
PWS 150	Specific Gravity	210501	C0K090517001	0.74	2010	Barre
PWS 150	Specific Gravity	700804	C0K190660001	0.74	2010	Farmington
PWS 150	Specific Gravity	306401	C1E030546001	0.74	2011	Archdale
PWS 150	Specific Gravity	700801	180-1124-1	0.74	2011	Albuquerque
PWS 150	Specific Gravity	612401	180-2367-1	0.74	2011	Oklahoma City
PWS 150	Specific Gravity	619301	180-2454-1	0.74	2011	Tulsa
PWS 150	Specific Gravity	714201	180-2668-1	0.74	2011	Chandler
PWS 150	Specific Gravity	619503	180-2878-1	0.74	2011	Dodge City
PWS 150	Specific Gravity	315501	C0I030617001	0.75	2010	Vinton
PWS 150	Specific Gravity	202801	C0F150554001	0.75	2010	Lackawanna
PWS 150	Specific Gravity	306401	C0D300525001	0.75	2010	Archdale
PWS 150	Specific Gravity	612401	C0I010521001	0.75	2010	Oklahoma City
PWS 150	Specific Gravity	700801	C0I100591001	0.75	2010	Albuquerque
PWS 150	Specific Gravity	200401	C9E210293001	0.75	2009	Cohoes
PWS 150	Specific Gravity	202802	C9C310110001	0.75	2009	Avon
PWS 150	Specific Gravity	202802	C9D020223001	0.75	2009	Avon
PWS 150	Specific Gravity	303102	C9G080306001	0.75	2009	St. Paul
PWS 150	Specific Gravity	506501	C9F100111001	0.75	2009	Grand Island
PWS 150	Specific Gravity	612401	C9G230261001	0.75	2009	Oklahoma City
PWS 150	Specific Gravity	715701	C0E200531001	0.75	2010	Sacramento
PWS 150	Specific Gravity	202802	C9C310110001	0.75	2009	Avon
PWS 150	Specific Gravity	202802	C9D020223001	0.75	2009	Avon
PWS 150	Specific Gravity	200401	C9E210293001	0.75	2009	Cohoes
PWS 150	Specific Gravity	506501	C9F100111001	0.75	2009	Grand Island
PWS 150	Specific Gravity	612401	C9G230261001	0.75	2009	Oklahoma City
PWS 150	Specific Gravity	303102	C9G080306001	0.75	2009	St. Paul
PWS 150	Specific Gravity	714801	C0J130545001	0.75	2010	Clackamas
PWS 150	Specific Gravity	202802	C0J140606001	0.75	2010	Avon
PWS 150	Specific Gravity	315401	C0J150503001	0.75	2010	Chester
PWS 150	Specific Gravity	210501	C1D200409001	0.75	2011	Barre
PWS 150	Specific Gravity	202802	C1D280567001	0.75	2011	Avon
PWS 150	Specific Gravity	202801	C1D290517001	0.75	2011	Lackawanna
PWS 150	Specific Gravity	303101	180-591-1	0.75	2011	Charlotte
PWS 150	Specific Gravity	715701	180-1150-1	0.75	2011	Sacramento

0.76

6.37

PWS 150	Specific Gravity	303102	180-1346-1	0.75	2011	St. Pauls
PWS 150	Specific Gravity	619501	180-1535-1	0.75	2011	Wichita
PWS 150	Specific Gravity	512701	180-1685-1	0.75	2011	Omaha
PWS 150	Specific Gravity	317101	C0F080573001	0.76	2010	Raleigh
PWS 150	Specific Gravity	312101	C0H270516001	0.76	2010	Chesapeake
PWS 150	Specific Gravity	202801	C9C280117001	0.76	2009	Lackawanna
PWS 150	Specific Gravity	218701	C9C280112001	0.76	2009	Syracuse
PWS 150	Specific Gravity	202801	C9C280117001	0.76	2009	Lackawanna
PWS 150	Specific Gravity	218701	C9C280112001	0.76	2009	Syracuse
PWS 150	Specific Gravity	210501	C0J090489001	0.76	2010	Barre
PWS 150	Specific Gravity	200401	C1C100616001	0.76	2011	Cohoes
PWS 150	Specific Gravity	506501	180-1536-1	0.76	2011	Grand Island
PWS 150	Specific Gravity	316301	180-2186-1	0.76	2011	Tampa
PWS 150	Specific Gravity	303102	C0F080550001	0.77	2010	St. Paul
PWS 150	Specific Gravity	506501	C0F290517001	0.77	2010	Grand Island
PWS 150	Specific Gravity	512701	C0E270561001	0.77	2010	Omaha
PWS 150	Specific Gravity	303101	C8I230211001	0.77	2008	Charlotte
PWS 150	Specific Gravity	612401	C8I190324001	0.77	2008	Oklahoma City
PWS 150	Specific Gravity	303101	C8I230211001	0.77	2008	Charlotte
PWS 150	Specific Gravity	612401	C8I190324001	0.77	2008	Oklahoma City
PWS 150	Specific Gravity	303101	C0A060530001	0.77	2009	Charlotte
PWS 150	Specific Gravity	619301	C9K120428001	0.77	2009	Tulsa
PWS 150	Specific Gravity	118308	C0J140610001	0.77	2010	Boise
PWS 150	Specific Gravity	210501	C1D140573001	0.77	2011	Barre
PWS 150	Specific Gravity	714801	180-2221-1	0.77	2011	Clackamas
PWS 150	Specific Gravity	210501	C9E210297001	0.78	2009	Barre
PWS 150	Specific Gravity	619501	C9F060174001	0.78	2009	Wichita
PWS 150	Specific Gravity	619503	C9I240366001	0.78	2009	Dodge City
PWS 150	Specific Gravity	714801	C9H150188001	0.78	2009	Clackamas
PWS 150	Specific Gravity	210501	C9E210297001	0.78	2009	Barre
PWS 150	Specific Gravity	619503	C9I240366001	0.78	2009	Dodge City
PWS 150	Specific Gravity	619501	C9F060174001	0.78	2009	Wichita
PWS 150	Specific Gravity	714801	C9H150188001	0.78	2009	Clackamas
PWS 150	Specific Gravity	316301	C9J210204001	0.78	2009	Tampa
PWS 150	Specific Gravity	700801	C9J070314001	0.78	2009	Albuquerque
PWS 150	Specific Gravity	317101	C9F120357001	0.79	2009	Raleigh
PWS 150	Specific Gravity	317101	C9F120357001	0.79	2009	Raleigh
PWS 150	Specific Gravity	714201	C0G230403001	0.80	2010	Chandler
PWS 150	Specific Gravity	819401	L690481-6	0.80	2008	Nisku
PWS 150	Specific Gravity	312101	C9I250178001	0.80	2009	Chesapeake
PWS 150	Specific Gravity	312101	C9I250178001	0.80	2009	Chesapeake

PWS 150	Specific Gravity	819401	L690481-6	0.80	2008	Nisku
PWS 150	Specific Gravity	218701	C0D160407001	0.81	2010	Syracuse
PWS 150	Specific Gravity	818306	AR2008 8-183-06-3	0.81	2008	Langley
PWS 150	Specific Gravity	818306	AR2008 8-183-06-3	0.81	2008	Langley
PWS 150	Specific Gravity	118308	C9D240220001	1.10	2009	Boise
PWS 150	Specific Gravity	118308	C9D240220001	1.10	2009	Boise
PWS DUMPSTER SLUDGE	Specific Gravity	700801	C0I100585001	0.72	2010	Albuquerque
PWS DUMPSTER SLUDGE	Specific Gravity	303102	C8J010212001	0.74	2008	St. Paul
PWS DUMPSTER SLUDGE	Specific Gravity	619301	C8J080192001	0.74	2008	Tulsa
PWS DUMPSTER SLUDGE	Specific Gravity	700801	C9J070327001	0.74	2009	Albuquerque
PWS DUMPSTER SLUDGE	Specific Gravity	619501	C0B250528001	0.74	2010	Wichita
PWS DUMPSTER SLUDGE	Specific Gravity	303102	C8J010212001	0.74	2008	St. Paul
PWS DUMPSTER SLUDGE	Specific Gravity	619301	C8J080192001	0.74	2008	Tulsa
PWS DUMPSTER SLUDGE	Specific Gravity	700801	180-1176-1	0.75	2011	Albuquerque
PWS DUMPSTER SLUDGE	Specific Gravity	303102	180-1347-1	0.77	2011	St. Pauls
PWS DUMPSTER SLUDGE	Specific Gravity	317101	180-604-1	0.78	2011	Raleigh
PWS DUMPSTER SLUDGE	Specific Gravity	118308	C9D240216001	0.79	2009	Boise
PWS DUMPSTER SLUDGE	Specific Gravity	714201	C0G230578001	0.79	2010	Chandler
PWS DUMPSTER SLUDGE	Specific Gravity	118308	C9D240216001	0.79	2009	Boise
PWS DUMPSTER SLUDGE	Specific Gravity	303101	C8I230214002	0.80	2008	Charlotte
PWS DUMPSTER SLUDGE	Specific Gravity	612401	C9G280279001	0.80	2009	Oklahoma City
PWS DUMPSTER SLUDGE	Specific Gravity	303101	C8I230214002	0.80	2008	Charlotte
PWS DUMPSTER SLUDGE	Specific Gravity	612401	C9G280279001	0.80	2009	Oklahoma City
PWS DUMPSTER SLUDGE	Specific Gravity	118308	C0H100554002	0.81	2010	Boise
PWS DUMPSTER SLUDGE	Specific Gravity	715701	C0E210584002	0.82	2010	Sacramento
PWS DUMPSTER SLUDGE	Specific Gravity	714201	180-2703-1	0.84	2011	Chandler
PWS DUMPSTER SLUDGE	Specific Gravity	303102	C0F080554001	0.86	2010	St. Paul
PWS DUMPSTER SLUDGE	Specific Gravity	303102	C9J230308001	0.87	2009	St. Paul
PWS DUMPSTER SLUDGE	Specific Gravity	715701	C9E300182001	0.87	2009	Sacramento
PWS DUMPSTER SLUDGE	Specific Gravity	715701	C9E300182001	0.87	2009	Sacramento
PWS DUMPSTER SLUDGE	Specific Gravity	819401	L690481-7	0.90	2008	Nisku
PWS DUMPSTER SLUDGE	Specific Gravity	819401	L690481-7	0.90	2008	Nisku
PWS DUMPSTER SLUDGE	Specific Gravity	612401	180-2368-1	0.91	2011	Oklahoma City
PWS DUMPSTER SLUDGE	Specific Gravity	316301	C9J210171001	0.96	2009	Tampa
PWS DUMPSTER SLUDGE	Specific Gravity	714801	C9H150181001	0.97	2009	Clackamas
PWS DUMPSTER SLUDGE	Specific Gravity	714801	C9H150181001	0.97	2009	Clackamas
PWS DUMPSTER SLUDGE	Specific Gravity	303101	C0A060528001	0.98	2009	Charlotte
PWS DUMPSTER SLUDGE	Specific Gravity	619501	C9C240205001	0.99	2009	Wichita
PWS DUMPSTER SLUDGE	Specific Gravity	714201	C9H050284001	0.99	2009	Chandler
PWS DUMPSTER SLUDGE	Specific Gravity	619501	C9C240205001	0.99	2009	Wichita

PWS DUMPSTER SLUDGE	Specific Gravity	714201	C9H050284001	0.99			2009	Chandler
PWS DUMPSTER SLUDGE	Specific Gravity	619501	C1C180408001	0.99			2011	Wichita
PWS DUMPSTER SLUDGE	Specific Gravity	612401	C8J020303001	1.00			2008	Oklahoma City
PWS DUMPSTER SLUDGE	Specific Gravity	306401	C0D300566001	1.00			2010	Archdale
PWS DUMPSTER SLUDGE	Specific Gravity	619501	C0G090577001	1.00			2010	Wichita
PWS DUMPSTER SLUDGE	Specific Gravity	612401	C8J020303001	1.00			2008	Oklahoma City
PWS DUMPSTER SLUDGE	Specific Gravity	506501	180-1494-1	1.00			2011	Grand Island
PWS DUMPSTER SLUDGE	Specific Gravity	619503	C1C180429001	1.00			2011	Dodge City
PWS DUMPSTER SLUDGE	Specific Gravity	506501	C9F020146001	1.10	1.11	9.22	2009	Grand Island
PWS DUMPSTER SLUDGE	Specific Gravity	118304	C9E070288001	1.10			2009	Bismark
PWS DUMPSTER SLUDGE	Specific Gravity	317101	C0F080570001	1.10			2010	Raleigh
PWS DUMPSTER SLUDGE	Specific Gravity	506501	C9F020146001	1.10			2009	Grand Island
PWS DUMPSTER SLUDGE	Specific Gravity	118304	C9E070288001	1.10			2009	Bismark
PWS DUMPSTER SLUDGE	Specific Gravity	715701	180-1177-1	1.10			2011	Sacramento
PWS DUMPSTER SLUDGE	Specific Gravity	714801	180-2220-1	1.10			2011	Clackamas
PWS DUMPSTER SLUDGE	Specific Gravity	619301	180-2453-1	1.10			2011	Tulsa
PWS DUMPSTER SLUDGE	Specific Gravity	306401	180-371-1	1.10			2011	Archdale
PWS DUMPSTER SLUDGE	Specific Gravity	512701	C0E270544001	1.20			2010	Omaha
PWS DUMPSTER SLUDGE	Specific Gravity	619503	C0G300401001	1.20			2010	Dodge City
PWS DUMPSTER SLUDGE	Specific Gravity	714801	C0H130587002	1.20			2010	Clackamas
PWS DUMPSTER SLUDGE	Specific Gravity	317101	C9F230287001	1.20			2009	Raleigh
PWS DUMPSTER SLUDGE	Specific Gravity	619503	C9H270363001	1.20			2009	Dodge City
PWS DUMPSTER SLUDGE	Specific Gravity	118303	C0E070586001	1.20			2010	Fargo
PWS DUMPSTER SLUDGE	Specific Gravity	619503	C9H270363001	1.20			2009	Dodge City
PWS DUMPSTER SLUDGE	Specific Gravity	317101	C9F230287001	1.20			2009	Raleigh
PWS DUMPSTER SLUDGE	Specific Gravity	612401	C0I010519001	1.20			2010	Oklahoma City
PWS DUMPSTER SLUDGE	Specific Gravity	512701	180-1768-1	1.20			2011	Omaha
PWS DUMPSTER SLUDGE	Specific Gravity	700804	180-1896-1	1.20			2011	Farmington
PWS DUMPSTER SLUDGE	Specific Gravity	306401	C9D170184001	1.30			2009	Archdale
PWS DUMPSTER SLUDGE	Specific Gravity	619301	C0H270490001	1.30			2010	Tulsa
PWS DUMPSTER SLUDGE	Specific Gravity	306401	C9D170184001	1.30			2009	Archdale
PWS DUMPSTER SLUDGE	Specific Gravity	316301	180-2170-1	1.30			2011	Tampa
PWS DUMPSTER SLUDGE	Specific Gravity	619503	180-2881-1	1.30			2011	Dodge City
PWS DUMPSTER SLUDGE	Specific Gravity	303101	180-604-5	1.30			2011	Charlotte
PWS DUMPSTER SLUDGE	Specific Gravity	716601	180-604-6	1.30			2011	Salt Lake City
PWS DUMPSTER SLUDGE	Specific Gravity	619501	C9H040287003	1.40			2009	Wichita
PWS DUMPSTER SLUDGE	Specific Gravity	619503	C0C240573001	1.40			2010	Dodge City
PWS DUMPSTER SLUDGE	Specific Gravity	716601	C0D220556001	1.40			2010	Salt Lake City
PWS DUMPSTER SLUDGE	Specific Gravity	619501	C9H040287003	1.40			2009	Wichita
PWS DUMPSTER SLUDGE	Specific Gravity	307902	C0J140622001	1.40			2010	Tallahassee
PWS DUMPSTER SLUDGE	Specific Gravity	506501	C0E250585001	1.50			2010	Grand Island

PWS DUMPSTER SLUDGE	Specific Gravity	700804	C01130441001	1.50	2010	Farmington
PWS DUMPSTER SLUDGE	Specific Gravity	512701	C9G220226001	1.60	2009	Omaha
PWS DUMPSTER SLUDGE	Specific Gravity	619301	C9H140216001	1.60	2009	Tulsa
PWS DUMPSTER SLUDGE	Specific Gravity	716601	C9D230264001	1.60	2009	Salt Lake City
PWS DUMPSTER SLUDGE	Specific Gravity	512701	C9G220226001	1.60	2009	Omaha
PWS DUMPSTER SLUDGE	Specific Gravity	716601	C9D230264001	1.60	2009	Salt Lake City
PWS DUMPSTER SLUDGE	Specific Gravity	619301	C9H140216001	1.60	2009	Tulsa
PWS DUMPSTER SLUDGE	Specific Gravity	818306	AR2008 8-183-06-4	1.70	2008	Langley
PWS DUMPSTER SLUDGE	Specific Gravity	619503	C9C050268001	1.70	2009	Dodge City
PWS DUMPSTER SLUDGE	Specific Gravity	619503	C9C050268001	1.70	2009	Dodge City
PWS DUMPSTER SLUDGE	Specific Gravity	818306	AR2008 8-183-06-4	1.70	2008	Langley

**ATTACHMENT B**  
**SECURITY MEASURES**

**March 28, 2013**

**Farmington, NM**

## SECURITY MEASURES

The facility is secured with a six-foot high chain link fence topped by three strands of barbed wire. All access gates are locked when the facility is unoccupied. Warning signs in English, Navajo and Spanish are placed on all sides of the fence stating "Caution – Hazardous Waste Area – Unauthorized Personnel Keep Out" which are visible from twenty-five feet. In addition, outdoor lights are on sensing devices that activate at low light conditions.

The office/warehouse building is secured with locks on all doors and warning signs are posted at all entrances to work and waste storage areas.

The tanks are enclosed in the secured, fenced area. The tank pump controls are outside the return and fill station. The pumps are not activated unless mineral spirits product or waste is being added to or removed from the tanks by Safety-Kleen personnel. The container storage area is also locked unless occupied by Safety-Kleen personnel. As a result the tanks and container storage area are accessible only by Safety-Kleen personnel. In addition, warning signs are posted on the return and fill station.

**ATTACHMENT C**  
**INSPECTION PLAN**

**March 28, 2013**

**Farmington, NM**

## INSPECTION PLAN

### C.1 Inspection Procedures

The Service Center Manager (i.e., Branch General Manager) or designate is responsible for carrying out and documenting the facility inspection (example inspection forms are in Attachment C-1). The inspections are performed each operating day (typically Monday through Friday). He must note any repairs that are needed and assure that they are completed. If the repairs cannot be implemented by onsite personnel, the Technical Services Department at Safety-Kleen's corporate headquarters must be notified for assistance. Completion of repairs must also be documented on the inspection form.

The Environment, Health & Safety Manager or other regional or corporate personnel responsible for compliance issues reviews the Facility Inspection Record with the Branch Manager periodically to insure that they are properly completed and that any necessary repairs have been conducted.

The facility inspection includes the following:

- a. Tank Inspections --At a minimum, the tanks holding the solvent product and used solvent are inspected each operating day. The inspections include checks of the high level alarm and the volume held in the tank. Sudden deviations in the solvent volumes will be investigated and their causes determined. If necessary, repairs must be initiated immediately. The solvent must not exceed 95% of the tank volume at any time. The tanks are also inspected to comply with Subpart CC requirements.

The secondary containment for the spent solvent storage tank must be checked for cracks or other deterioration and for evidence of precipitation accumulation or spills each operating day. Any damage to tank (such as rust or loose fixtures) or secondary containment must be noted and repairs initiated.

- b. Container storage area--The container storage area is inspected each operating day and the number and condition of the drums noted. The total volume of the material held in the drum storage area must not exceed ten times the amount that can be collected in the secondary containment system. The contents of any leaking or suspect drums must be placed in a drum of adequate integrity. The drums must be properly labeled and marked in accordance with U.S. DOT, EPA and New Mexico hazardous waste regulations. The secondary containment systems must be inspected for deterioration on failure. If cracks or leaks are detected, they must be repaired immediately.
- c. Dumpster/Drum washers--The two wet dumpsters/drum washers (in the return and fill station) must be inspected weekly for leaks and sediment buildup. Any leaks must be noted and repaired immediately and excess sediment must be removed from the dumpster.

- d. Safety equipment--The fire extinguishers must be checked weekly to insure that the units are charged and accessible. In addition, the operation of the eyewash must be confirmed weekly and the first aid kit and sorbents must be inspected weekly for adequate content and accessibility. Emergency equipment information is in Attachment F.
- e. Security--The operation of each outside light, gate, and lock must be checked each operating day. In addition, the fence must be inspected for deterioration on a weekly basis.

### C.2 Subpart CC Compliance

Safety-Kleen has developed a Subpart CC Compliance Plan, which details procedures to achieve compliance with Subpart CC requirements. The plan includes provisions for an annual visual tank inspection of the waste solvent storage tank and vent system, as well as container inspections upon arrival at the facility and proper container management. A copy of the Subpart CC Compliance Plan is included in Attachment C.2.

### C.3 Subpart BB Compliance

Safety-Kleen complies with Subpart BB requirements by inspecting the process piping and equipment. Each valve, joint, flange, pressure relief device, pump, etc. is inspected to insure the equipment is not leaking and is functioning properly. Open-ended pipes are capped when not in use. An equipment inventory for inspections (Attachment C.3) is used to document compliance with Subpart BB inspections, and as required by 40 CFR 270.25.

**ATTACHMENT C.1**  
**EXAMPLE INSPECTION FORMS**

INSPECTION LOG SHEET FOR:  
Daily Inspection of **CONTAINER STORAGE AREA**

DESCRIPTION OF AREA : FRONT WAREHOUSE, MAIN BUILDING SOUTH END

PERMITTED STORAGE VOLUME 3820 GALLONS

INSPECTOR'S NAME / INITIALS / TITLE \_\_\_\_\_

INSPECTOR'S INITIALS				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_     
 \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_     
 \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_     
 \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_     
 \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 DATE (M/D/Y)                                     
 DATE (M/D/Y)                                     
 DATE (M/D/Y)                                     
 DATE (M/D/Y)                                     
 DATE (M/D/Y)

	TIME	TIME	TIME	TIME	TIME
CONTAINERS	MON.	TUES.	WED.	THURS.	FRI.
Total Volume* of _____ **waste:					
Total Volume of _____ **waste:					
Total Volume of _____ **waste:					
Total Volume of _____ **waste:					
Total Volume of _____ **waste:					
Total Volume of _____ **waste:					
Total Volume of _____ **waste:					
Total Volume of _____ ** :					
Total Volume of _____ ** :					
Total Volume of _____ ** :					
Total Volume of _____ ** :					
Total Volume of _____ ** :					
Total Volume of _____ ** :					
Total Volume of _____ ** :					
TOTAL VOLUME (IN GALLONS)					
	A*** N	A N	A N	A N	A N

If 'N', circle appropriate problem: Total volume exceeds the amount for which the facility is permitted.

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

Condition of Containers:                                      A N                                      A N                                      A N                                      A N                                      A N

If 'N', circle appropriate problem: missing or loose lids, missing, incorrect or incomplete labels, rust, leaks, distortion,

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

Stacking/Placement/Aisle Space                                      A N                                      A N                                      A N                                      A N                                      A N

If 'N', circle appropriate problem: different from Part B Floor Plan, containers not on pallets, unstable stacks, broken or damaged pallets,

other: \_\_\_\_\_

OBSERVATIONS, COMMENTS, DATE AND NATURE OF REPAIRS OF ANY ITEMS INDICATED AS "NOT ACCEPTABLE": \_\_\_\_\_

\* When calculating total volumes, assume the containers are full.

\*\* Enter a short description of the waste (e.g., M.S., I.C., paint, etc.)

\*\*\* A = Acceptable N = Not Acceptable

(IF AN ITEM IS NOT APPLICABLE ENTER 'NA' AFTER IT AND DRAW A LINE THROUGH THE ACCEPTABLE NOT ACCEPTABLE ROW)

**INSPECTION LOG SHEET FOR:  
Daily Inspection of CONTAINER STORAGE AREA**

DESCRIPTION OF AREA: FRONT WAREHOUSE, MAIN BUILDING SOUTH END

PERMITTED STORAGE VOLUME 3820 GALLONS

INSPECTOR'S NAME / INITIALS / TITLE \_\_\_\_\_

INSPECTOR'S INITIALS				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

____/____/____	____/____/____	____/____/____	____/____/____	____/____/____
DATE (M/D/Y)				

_____	_____	_____	_____	_____
TIME	TIME	TIME	TIME	TIME

CONTAINMENT:	MON.	TUES.	WED.	THURS.	FRI.
Curbing, Floor and Sump(s)	A*** N	A N	A N	A N	A N

(Any material which spills, leaks or otherwise accumulates in the secondary containment must be completely removed within 24 hours of it being discovered.)

If 'N', circle appropriate problem: ponding/wet spots, deterioration (cracks, gaps, etc.), displacement, leaks, inadequate sealant, other:

\_\_\_\_\_

Loading/Unloading Area:	A N	A N	A N	A N	A N
-------------------------	-----	-----	-----	-----	-----

If 'N', circle appropriate problem: cracks, deterioration, ponding/wet spots, other: \_\_\_\_\_

OBSERVATIONS, COMMENTS, DATE AND NATURE OF REPAIRS OF ANY ITEMS INDICATED AS "NOT ACCEPTABLE": \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*\*\* A = Acceptable N = Not Acceptable

(IF AN ITEM IS NOT APPLICABLE ENTER 'NA' AFTER IT AND DRAW A LINE THROUGH THE ACCEPTABLE NOT ACCEPTABLE ROW)

INSPECTION LOG SHEET FOR: Page 1 of 3  
 Daily Inspection of **FARMINGTON HAZARDOUS WASTE STORAGE TANK SYSTEM**

INSPECTOR'S NAME / INITIALS / TITLE \_\_\_\_\_

INSPECTOR'S INITIALS:				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

\_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_     
 \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_     
 \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_     
 \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_     
 \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 DATE: (M / D / Y)

\_\_\_\_\_     
 \_\_\_\_\_     
 \_\_\_\_\_     
 \_\_\_\_\_     
 \_\_\_\_\_  
 TIME

**STORAGE TANKS: 95% Level 13' 5" / 11,400 gallons**

(WASTE SOLVENT TANK NOT MORE THAN 95% FULL!)

	MON.	TUES.	WED.	THURS.	FRI.
_Waste Solvent_____ * Tank (ft & in./gal.)					
_Premium Solvent Product___ Tank (ft & in./gal.)					

Tank Volume: A\*\* N     
 A N     
 A N     
 A N     
 A N

Tank Exterior: A N     
 A N     
 A N     
 A N     
 A N

If 'N', circle appropriate problem: rusty or loose anchoring, lack of grounding, wet spots, discoloration, leaks, distortion, other: \_\_\_\_\_

High Level Alarms: A N     
 A N     
 A N     
 A N     
 A N

If 'N', circle appropriate problem: malfunctioning "Power On" light, malfunctioning siren/strobe light, other: \_\_\_\_\_

Volume Gauges: A N     
 A N     
 A N     
 A N     
 A N

If 'N', circle appropriate problem: disconnected, sticking, condensation, other: \_\_\_\_\_

**CONTAINMENT AREA (Tank Dike)**

Any material which spills, leaks or otherwise accumulates in the dike, including rainwater, must be completely removed within 24 hours

Bottoms and Walls: A N     
 A N     
 A N     
 A N     
 A N

If 'N', circle appropriate problem: cracks, debris in dike, open drums in dike, ponding/wet spots, stains, sealant is pitted, cracked, chipped, deterioration, displacement, leaks, other: \_\_\_\_\_

Rigid Piping and Supports: A N     
 A N     
 A N     
 A N     
 A N

If 'N', circle appropriate problem: distortion, corrosion, paint failure, leaks, other: \_\_\_\_\_

OBSERVATIONS, COMMENTS, DATE AND NATURE OF ANY REPAIRS OF ANY ITEMS INDICATED AS "NOT ACCEPTABLE": \_\_\_\_\_

\* Fill in the Waste Type (e.g. Mineral Spirits)

\*\*A = Acceptable    N = Not Acceptable

(IF AN ITEM IS NOT APPLICABLE ENTER 'N/A' AFTER IT AND DRAW A LINE THROUGH THE 'ACCEPTABLE/ NOT ACCEPTABLE' ROW)

INSPECTION LOG SHEET FOR:  
Daily Inspection of **FARMINGTON HAZARDOUS WASTE STORAGE TANK SYSTEM**

INSPECTOR'S NAME / INITIALS / TITLE \_\_\_\_\_

INSPECTOR'S INITIALS:				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

	MON.	TUES.	WED.	THURS.	FRI.
<b>TRANSFER PUMPS AND HOSES</b>					
Pump Seals:	A* N	A N	A N	A N	A N
If 'N', circle appropriate problem: leaks, other: _____					
Motors:	A N	A N	A N	A N	A N
If 'N', circle appropriate problem: overheating, other: _____					
Fittings:	A N	A N	A N	A N	A N
If 'N', circle appropriate problem: leaks, other: _____					
Valves:	A N	A N	A N	A N	A N
If 'N', circle appropriate problem: leaks, sticking, other: _____					
Hose Connections and Fittings:	A N	A N	A N	A N	A N
If 'N', circle appropriate problem: cracked, loose, leaks, other: _____					
Hose Body:	A N	A N	A N	A N	A N
If 'N', circle appropriate problem: crushed, loose, leaks, other: _____					

**RETURN AND FILL STATION:**

Wet Dumpster:	A N	A N	A N	A N	A N
If 'N', circle appropriate problem: sediment buildup, leaks, rust, split seams, distortion, deterioration, excess debris, other: _____					
Secondary Containment:	A N	A N	A N	A N	A N
If 'N', circle appropriate problem: sediment/liquid, leaks, deterioration, distortion, excess debris, other: _____					
Loading/Unloading Area:	A N	A N	A N	A N	A N
If 'N', circle appropriate problem: cracks, ponding/wet spots, deterioration, other: _____					

OBSERVATIONS, COMMENTS, DATE AND NATURE OF ANY REPAIRS OF ANY ITEMS INDICATED AS "NOT ACCEPTABLE":

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\* A = Acceptable                      N = Not Acceptable  
(IF AN ITEM IS NOT APPLICABLE ENTER 'NA' AFTER IT AND DRAW A LINE THROUGH THE ACCEPTABLE NOT ACCEPTABLE ROW)

INSPECTION LOG SHEET FOR:  
Daily Inspection of **FARMINGTON HAZARDOUS WASTE STORAGE TANK SYSTEM**

INSPECTOR'S NAME/ INITIALS / TITLE \_\_\_\_\_

INSPECTOR'S INITIALS:				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

DATE: (M / D / Y) \_\_\_\_\_

Pump, Flange, or Valve number	TIME	MON.	TUES.	WED.	THURS.	FRI.	
1	CAMLOCK CAP *	A**	N	A	N	A	N
2	FLANGE	A	N	A	N	A	N
3	BALL VALVE	A	N	A	N	A	N
4	FLANGE	A	N	A	N	A	N
5	CHECK VALVE	A	N	A	N	A	N
6	FLANGE	A	N	A	N	A	N
7	FLANGE	A	N	A	N	A	N
8	BALL VALVE	A	N	A	N	A	N
9	FLANGE	A	N	A	N	A	N
10	EMERGENCY FIRE VALVE	A	N	A	N	A	N
11	FLANGE	A	N	A	N	A	N
12	PIPE NIPPLE	A	N	A	N	A	N
13	PIPE BELL REDUCER	A	N	A	N	A	N
14	THREADED PLUG IN TANK WALL	A	N	A	N	A	N
15	MANWAY ON SIDE OF TANK	A	N	A	N	A	N
16	THREADED PLUG IN TANK WALL	A	N	A	N	A	N
17	IN LINE STRAINER	A	N	A	N	A	N
18	DIRTY SOLVENT DISCHARGE PUMP	A	N	A	N	A	N
19	CAMLOCK FITTING SUCTION DISCHARGE PUMP	A	N	A	N	A	N
20	CAMLOCK FITTING	A	N	A	N	A	N
21	BALL VALVE - DRUM WASHER TO DISCHARGE PUMP	A	N	A	N	A	N
22		<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>
23		<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>
24	BALL VALVE - DRUM WASHER TO RECIRCULATION PUMP	A	N	A	N	A	N
25	FLANGE	A	N	A	N	A	N
26	AUTOMATIC VALVE - DRUM WASHER TO RECIRCULATING PUMP	A	N	A	N	A	N
27	FLANGE	A	N	A	N	A	N
28	RECIRCULATION PUMP	A	N	A	N	A	N
29	FLANGE - EXIT AUTOMATIC VALVE FROM REUSE VAT	A	N	A	N	A	N
30	AUTOMATIC VALVE FROM REUSE VAT	A	N	A	N	A	N
31	FLANGE - INLET TO REUSE VAT AUTOMATIC VALVE	A	N	A	N	A	N
32	BALL VALVE - REUSE VAT DRAIN	A	N	A	N	A	N
33	BALL VALVE - RECIRC PUMP DISCHARGE	A	N	A	N	A	N
34	BALL VALVE - RECIRC PUMP DISCHARGE TO DRUM WASHER	A	N	A	N	A	N
35	BALL VALVE - SUMP SUCTION LINE	A	N	A	N	A	N
36	BALL VALVE - SUMP SUCTION LINE	A	N	A	N	A	N
37		<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>
38		<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>
39		<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>
40		<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>	<del>A</del>	<del>N</del>

If 'N', enter pump or valve # \_\_\_\_\_ and circle appropriate problem: potential leaks, active leak, sticking, wear, does not operate smoothly, other: \_\_\_\_\_

For all leaks and potential leaks, the leak Detection and Repair Record must be completed.  
 \* Add short descriptions of unit being inspected (e.g. gate valve, dumpster flange, dumpster pump, etc.)  
 \*\*A = acceptable      N = not acceptable  
 Draw a line through pump and valve I.D. numbers that do not apply

INSPECTION LOG SHEET FOR:  
 Weekly Inspection of **SAFETY AND EMERGENCY EQUIPMENT, SECURITY DEVICES  
 AND MISCELLANEOUS EQUIPMENT**

INSPECTOR'S NAME / INITIALS / TITLE \_\_\_\_\_

INSPECTOR'S INITIALS:				
(SIGN ON THE DAY THE INSPECTION IS PERFORMED; PERFORM INSPECTION ON THE SAME DAY EVERY WEEK.)				
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_      \_\_\_\_/\_\_\_\_/\_\_\_\_\_      \_\_\_\_/\_\_\_\_/\_\_\_\_\_      \_\_\_\_/\_\_\_\_/\_\_\_\_\_      \_\_\_\_/\_\_\_\_/\_\_\_\_\_  
 DATE: (M / D / Y)

\_\_\_\_\_  
 TIME

**SAFETY AND EMERGENCY EQUIPMENT**

Fire Extinguishers: A    N  
 If 'N', circle appropriate problem: overdue inspection, inadequately charged, inaccessible, other: \_\_\_\_\_

Eyewash and Shower: A    N  
 If 'N', circle appropriate problem: disconnected or malfunctioning valves, inadequate pressure, inaccessible, malfunctioning drain, leaking, other: \_\_\_\_\_

First Aid Kit: A    N  
 If 'N', circle appropriate problem: inadequate inventory, other: \_\_\_\_\_

Spill Cleanup Equipment: A    N  
 If 'N', circle appropriate problem: inadequate supply of sorbent, towels and/or clay, inadequate supply of shovels, mops, empty drums, other: \_\_\_\_\_

Eyewash and Shower: A    N  
 If 'N', circle appropriate problem: disconnected or malfunctioning valves, inadequate pressure, inaccessible, malfunctioning drain, leaking, other: \_\_\_\_\_

Communication Devices: A    N  
 If 'N', circle appropriate problem: inadequate supply of telephones, malfunctioning telephones, malfunctioning intercom, emergency alarm does not work, telephones are not located where needed, other: \_\_\_\_\_

**SECURITY DEVICES**

Gates and Locks: A    N  
 If 'N', circle appropriate problem: sticking, corrosion, lack of warning signs, fit, other: \_\_\_\_\_

Fence: A    N  
 If 'N', circle appropriate problem: broken ties, corrosion, holes, distortion, warning signs, other: \_\_\_\_\_

\* Fill in the Waste Type (e.g. Mineral Spirits)      \*\*A = Acceptable    N = Not Acceptable  
 (IF AN ITEM IS NOT APPLICABLE ENTER 'N/A' AFTER IT AND DRAW A LINE THROUGH THE 'ACCEPTABLE/ NOT ACCEPTABLE' ROW)

**ATTACHMENT C.2**  
**SAFETY-KLEEN SUBPART CC COMPLIANCE PLAN**

**March 28, 2013**

**Farmington, NM**

## SUBPART CC COMPLIANCE PLAN

Safety-Kleen Systems, Inc.  
4210A Hawkins Road  
Farmington, New Mexico  
NMD980698849

The Safety-Kleen Farmington, New Mexico facility shall control air pollutant emissions from waste management units at this facility pursuant to the requirements of RCRA Subpart CC, through implementation of this compliance plan.

The following plan describes this facility's waste determination procedures, tank and container design/management practices, organic emission controls, inspection and monitoring, and recordkeeping and reporting, pursuant to requirements/standards promulgated under RCRA Subpart CC.

### Waste Determination Procedures

For purposes of waste determination, this facility utilizes knowledge developed in the Waste Characterization portion of the Permit. For those hazardous waste which are managed on a transfer basis, and which are not described in the Permit, the Subpart CC regulation does not apply. However, the owner/operator may use knowledge of the waste based on information included in manifests, shipping papers, or waste certification notices to confirm waste determination for the generator or the ultimate receiving facility.

Based upon this knowledge, it has been determined that all wastes managed in tanks or containers at this facility may display an average volatile organic concentration of greater than 500 ppmw at the point of waste origination. Therefore, all hazardous wastes managed in tanks or containers at this facility shall be managed in accordance with the applicable Subpart CC standards.

### Point of Waste Origination

The point of waste origination for all wastes generated offsite and transported to the site in closed containers, which are subsequently managed in tanks or containers at this facility, is effectively the site boundary at the entrance gate.

For those hazardous wastes generated onsite, the point of waste origination is the point of waste generation, as previously defined in RCRA.

### Tanks

Tanks which manage organic wastes at this facility are described in detail in the Permit. Certain features of these units, as they relate to the Subpart CC standards, are described below.

Waste mineral spirits ASTs are fixed roof, non-pressurized, quiescent tanks. All waste tanks at the facility are Level 1 tanks under Subpart CC. The tank design capacity is less than 75 cubic meters or about 19,813 gallons, and the waste in these tanks exhibits a vapor pressure of less than 76.6 kPa (11.1 psi). The actual vapor pressure of the waste managed in tanks is shown in Attachment 5-2 Table 1. The maximum organic vapor pressure is determined using knowledge of the waste pursuant to 265.1084(c)(4). Documentation for the basis of this determination is found in the Waste Characteristics portion of the Permit.

These tanks are designed so that all cover openings can be closed with no visible gaps, holes, cracks, or other open spaces into the interior of the tank. The cover and all cover openings operate with no detectable emissions when in a closed position. Cover openings are maintained in a closed position at all times except when waste is being added to or removed from the tank, or when necessary sampling or repair/maintenance is performed on the tanks.

These tanks are vented to the atmosphere through a safety device (conservation vent) which has been designed to operate with no detectable organic emissions when the device is in the closed position.

The drum washing unit at this facility is a fixed roof, Level 1 tank. This unit is kept closed except when adding or removing wastes, washing drums, sampling, or performing routine maintenance that requires the lid to be open.]

## Containers

Containers which manage organic wastes at this facility are described in detail in the Permit. Certain features of these units, as they relate to the Subpart CC regulations, are described below.

Containers managing hazardous wastes at this facility generally fall into three categories. (1) Those hazardous waste containers that are less than 26 gallons in capacity are wholly exempt from consideration under Subpart CC. Safety-Kleen manages waste with vapor pressures greater than 0.3 kPa at 20° C (e.g. lacquer thinner / paint wastes) both in containers less than 0.1 m<sup>3</sup> about 26 gallons and in containers less than 0.46 m<sup>3</sup> or about 122 gallons. Containers of waste that are transferred through the facility are still "in the course of transportation," and therefore are exempt from Subpart CC. (2) Containers with capacities between 26 and 122 gallons are all Level 1 containers, and generally meet the Level 1 standards as covered containers designed and operated with no gaps, holes, cracks, or other open spaces into the containers. In addition, all Safety-Kleen containers used to manage waste meet applicable U.S. DOT regulations on packaging hazardous materials for transportation. (3) Containers with capacities greater than 122 gallons that manage hazardous wastes at this facility are not in light material service (i.e. containers greater than 122 gallons are not used to manage wastes with vapor pressures greater than 0.3 kPa at 20° C). Containers greater than 122 gallons are however, Level 1 covered containers designed and operated with no gaps, holes, cracks, or other open spaces into the container and comply with applicable U.S. DOT regulations on packaging hazardous materials for transportation.

*(0.46 m<sup>3</sup> = 121.5 gal; 0.1 m<sup>3</sup> = 26.4 gal; 75 m<sup>3</sup> = 19,812.9 gal)*

## Inspections and Monitoring

Hazardous wastes accepted from off-site generators are already containerized when the facility accepts the waste. Such containers are visually inspected either at the time they are unloaded for storage or staged for transfer at the facility, or during the daily facility inspection. The inspection occurs within 24 hours of the waste's arrival at the facility. This written plan and schedule to perform the inspections is incorporated in the facility inspection plan by this reference.

An initial visual tank inspection was conducted on August 24, 1992. No defects were noted on the waste solvent tank which could result in air pollutant emissions.

Visual tank inspections shall be conducted on an annual basis.

## Recordkeeping

Documentation of tank and tank cover design: See Permit.

Documentation of waste determination: See Attachment 5-2 Table 1.

Records of all visual inspection: See daily facility inspection records.

Listing of all tanks, by unique identifying number, which are difficult or unsafe to inspect: Not applicable at this site.

Results of the determination of the maximum vapor pressure of waste in tanks and record of the tank dimensions and design capacity: See Permit Attachment 5-2 Table 1 and Attachment 1-1.

**Safety-Kleen Solvents**  
**Vapor Pressure Summary**  
(Isoteniscope Method)

Product Name	Product Number	68° F (20° C)				100° F (38° C)			
		mm-Hg	psia	K Pa	atm	mm-Hg	psia	K Pa	atm
S-K 150 (Premium)	6605	0.7	0.012	0.080	0.001	1.7	0.033	0.227	0.002
Immersion Cleaner	699	<0.41	<0.0079	<0.055	—	—	—	—	—
Actrel PC-95	6608	.02	0.0004	0.003	0.001	—	—	—	—
Heavy Duty Lacquer Thinner	6782	75-94.7	1.45- 1.83	10-12.6	0.10- 0.134	—	—	—	—
Low V.P. Lacquer Thinner	6664	24-35	0.46- 0.68	3.20- 4.67	0.03- 0.05	—	—	—	—

## Subpart CC Visual Inspection Checklists

### End of Week Container Inspection

End of Week Container Inspection – complete this checklist the last day of the service week when the facility inspection will not be conducted within 24 hours. This inspection on containers will supplement container inspections completed during facility inspections during the workweek.

Inspector Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Date of Inspection: \_\_\_\_\_

Condition of containers (Circle “A” if the condition of all containers is acceptable; circle “N” if the condition of one or more containers is not acceptable.)

**A N**

If “N”, circle appropriate problem: missing or loose lids, missing, incorrect or incomplete labels, rust, leaks, distortion, other: \_\_\_\_\_.

Action taken to correct unacceptable condition: \_\_\_\_\_

### Annual Visual Tank Inspection

Visual Tank Inspection - Complete this inspection once each year to satisfy the annual inspection required under Subpart CC.

Inspector Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Date of Inspection: \_\_\_\_\_

Defects Noted: \_\_\_\_\_

Action taken to correct unacceptable condition: \_\_\_\_\_

Tank Inspection difficult or unsafe: \_\_\_\_\_

**ATTACHMENT C.3  
EQUIPMENT INVENTORY FOR INSPECTIONS**

**March 28, 2013**

**Farmington, NM**

## **SUBPART BB EQUIPMENT INVENTORY**

Listed on the attached master list is all equipment at the facility which is subject to the requirements of 40 CFR 264 and 265, Subpart BB. The numbered equipment is also identified on the attached Subpart BB drawing.

The hazardous waste influent to and effluent from the hazardous waste tank system is spent mineral spirits containing one or more of the following waste codes: D001, D004-D011, D018, D019, D021-D030 and D032-Do43. Tanks are used for storage of spent mineral spirits which is usually 100% by weight organic but may contain water. The vapor pressure of the bulked spent mineral spirits at 60° F is provided in Attachment 5-2, Table 1, is less than 0.3 kPa at 20° C and is thus defined as heavy liquid under the cited regulations.

Compliance with the standard (264.1058) will be achieved through daily facility inspections, and if required, leak repair. The facility inspection record has been updated to include a detailed daily equipment inspection. Records of equipment repair are maintained on the subpart BB tank inspection record. No monitoring is required as Safety-Kleen solvents have such a low vapor pressure that at no time will the vapor around a visible leak be at or above 10,000 ppm VOC as measured via test methods specified in the regulations. A vapor pressure of 1.015 kPa or 7.6 mm Hg is necessary to produce a reading of 10,000 ppm and to define a leak as a subpart bb leak. Safety-Kleen takes the conservative approach and fixes all potential subpart bb leaks found in the waste solvent tank system and is not required to conduct monitoring of potential leaks. This is more protective of human health and the environment than the regulations.

### Leak Detection and Repair Record

After detection of a potential leak, a pump or valve must be repaired to repair the leaking item. Identification of the leak and its repair are noted on the facility inspection record for the Waste Solvent Tank System, page 3 of 3.

DATE 12-16-2009**MASTER LIST**BRANCH # 7-008-21

PREPARER'S \_\_\_\_\_

SIGNATURE \_\_\_\_\_

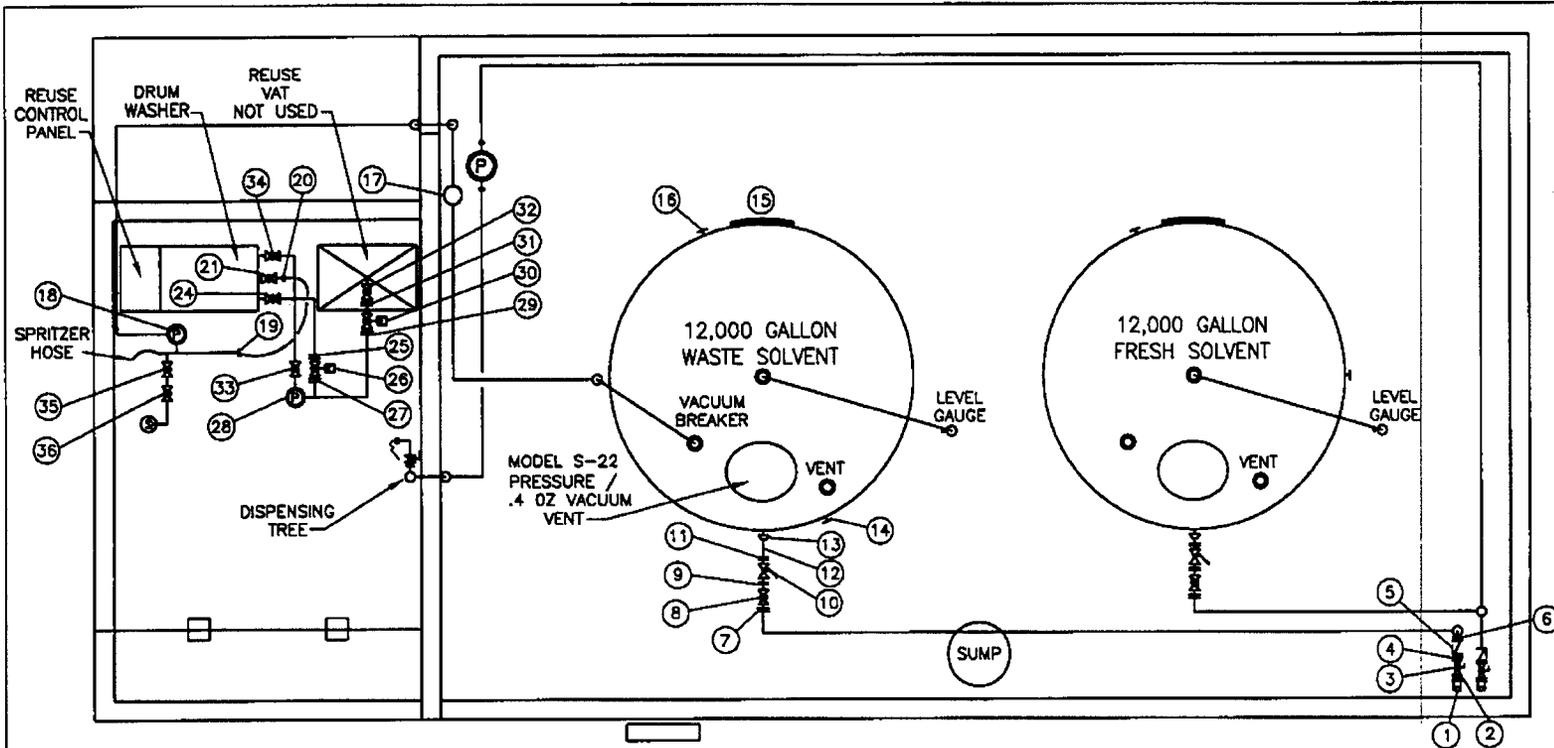
**HAZARDOUS WASTE – HEAVY LIQUID**

INDIVIDUAL NUMBER	TYPE	HAZARDOUS WASTE MANAGEMENT UNIT	GENERAL LOCATION *
1	CAMLOCK CAP	TANK FARM	TANKER ACCESS BOX
2	FLANGE	TANK FARM	TANKER ACCESS BOX
3	BALL VALVE	TANK FARM	TANKER ACCESS BOX
4	FLANGE	TANK FARM	TANKER ACCESS BOX
5	CHECK VALVE	TANK FARM	TANKER ACCESS BOX
6	FLANGE	TANK FARM	TANKER ACCESS BOX
7	FLANGE	TANK FARM	BOTTOM OUTLET TANK
8	BALL VALVE	TANK FARM	BOTTOM OUTLET TANK
9	FLANGE	TANK FARM	BOTTOM OUTLET TANK
10	EMERGENCY FIRE VALVE	TANK FARM	BOTTOM OUTLET TANK
11	FLANGE	TANK FARM	BOTTOM OUTLET TANK
12	PIPE NIPPLE	TANK FARM	BOTTOM OUTLET TANK
13	PIPE BELL REDUCER	TANK FARM	BOTTOM OUTLET TANK
14	THREADED PLUG	TANK FARM	TANK SIDE BY OUTLET PIPING
15	SIDE MANWAY	TANK FARM	TANK SIDE AT BOTTOM
16	THREADED PLUG	TANK FARM	TANK SIDE BY BOTTOM MANWAY
17	IN LINE STRAINER	TANK FARM	TANK FARM SECONDARY CONTAINMENT
18	DIRTY SOLVENT DISCHARGE PUMP	TANK FARM	UNDER RETURN & FILL GRATE
19	CAMLOCK FITTING	TANK FARM	UNDER RETURN & FILL GRATE
20	CAMLOCK FITTING	TANK FARM	UNDER RETURN & FILL GRATE
21	BALL VALVE	TANK FARM	UNDER RETURN & FILL GRATE
22	NOT USED	NA	NA
23	NOT USED	NA	NA
24	BALL VALVE	TANK FARM	UNDER RETURN & FILL GRATE
25	FLANGE	TANK FARM	UNDER RETURN & FILL GRATE
26	AUTOMATIC VALVE	TANK FARM	UNDER RETURN & FILL GRATE
27	FLANGE	TANK FARM	UNDER RETURN & FILL GRATE
28	RECIRCULATION PUMP	TANK FARM	UNDER RETURN & FILL GRATE
29	FLANGE	TANK FARM	UNDER RETURN & FILL GRATE
30	AUTOMATIC VALVE	TANK FARM	UNDER RETURN & FILL GRATE
31	FLANGE	TANK FARM	UNDER RETURN & FILL GRATE
32	BALL VALVE	TANK FARM	UNDER RETURN & FILL GRATE
33	BALL VALVE	TANK FARM	UNDER RETURN & FILL GRATE
34	BALL VALVE	TANK FARM	UNDER RETURN & FILL GRATE
35	BALL VALVE, SUMP SUCTION	TANK FARM	UNDER RETURN & FILL GRATE
36	BALL VALVE, SUMP SUCTION	TANK FARM	UNDER RETURN & FILL GRATE
RETURN & FILL**	NON-FLANGE FITTINGS	TANK FARM	UNDER RETURN & FILL GRATE
TANK FARM ***	NON-FLANGE FITTINGS	TANK SYSTEM	TANK FARM SECONDARY CONTAINMENT AREA

\* See Subpart BB drawing for more specific locations.

\*\* All non-flanged fittings under the Return &amp; Fill grating except the drip pan drain

\*\*\* All non-flanged fittings in the waste solvent tank farm secondary containment area are marked with brown color or are connected to piping that marked with brown color.



SYMBOL LIST	
C	ORBIT COUPLER
⊘	BALL VALVE
⊗	INTERNAL EMERGENCY VALVE
Z	CHECK VALVE
○	STRAINER
⊕	PUMP
∩	REDUCER
+	FLANGE
⊗	AUTOMATIC (ELECTRONIC) BALL VALVE

**GENERAL NOTES**  
 1. PIPING AND TACKING FIELD VERIFIED ON 12-16-93 BY D-C

**PROPRIETARY STATEMENT**  
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**TANK FARM - R/F PART 88 TAGGING PLAN**

SAFETY-KLEEN SYSTEMS, INC.	
DATE	12/16/93
BY	W.C. GIBSON
APPROVED BY	[Signature]
DATE	12/16/93
PROJECT	7133-4100-350
LOCATION	FARMINGTON, N.M.
SCALE	AS SHOWN
REV.	A

FITTING SCHEDULE			
①	ORBIT COUPLER	⑩	ORBIT FITTING BEHIND PUMP SECTION
②	FLANGE	⑪	ORBIT FITTING
③	BALL VALVE	⑫	BALL VALVE S. & N. TO BEESWAXE PUMP
④	FLANGE	⑬	NOT USED
⑤	CHECK VALVE	⑭	NOT USED
⑥	FLANGE	⑮	BALL VALVE S. & N. TO RECIRC. PUMP
⑦	FLANGE	⑯	FLANGE
⑧	BALL VALVE	⑰	AUTOMATIC VALVE S. & N. TO RECIRC. PUMP
⑨	FLANGE	⑱	FLANGE
⑩	EMERGENCY FIRE VALVE	⑲	RECIRCULATION PUMP
⑪	FLANGE	⑳	FLANGE - CEIT AUTO VALVE FROM REUSE VAT
⑫	PIPE RIFFLER	㉑	AUTOMATIC VALVE FROM REUSE VAT
⑬	PIPE BALL REDUCER	㉒	FLANGE TRILET AUTO VALVE TO REUSE VAT
⑭	THREADED PLUG IN TANK WALL	㉓	BALL VALVE REUSE VAT DRAIN
⑮	STEEL WADDER	㉔	BALL VALVE RECIRC. PUMP BEESWAXE
⑯	THREADED PLUG IN TANK WALL	㉕	BALL VALVE RECIRC. PUMP TO DRUM WASHER
⑰	3/8 LINE STRAINER	㉖	BALL VALVE R/F SUMP SUCTION LINE
⑱	SIXTY SILICON BEESWAXE PUMP	㉗	BALL VALVE R/F SUMP SUCTION LINE



NO.	DESCRIPTION	BY	CHK	APPV	DATE

**ATTACHMENT D**  
**PERSONNEL TRAINING**

**March 28, 2013**

**Farmington, NM**

## PERSONNEL TRAINING

### ABSTRACT

**OBJECTIVE:** The purpose of training is to familiarize employees with environmental regulations, records and emergency procedures so they can perform their jobs in the safest and most efficient manner possible. The program is designed to ensure that facility personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, emergency equipment and emergency systems.

### TIME OF TRAINING

<b>Job Title</b>	<b>Prior to Starting Work</b>	<b>On The Job</b>	<b>Annually</b>	<b>When Regulations or Procedures Change</b>
Branch General Manager	X	X	X	X
Branch Administrator		X	X	X
Sales/Service Representatives	X	X	X	X
Warehouse Employees	X	X	X	X

## PERSONNEL TRAINING

### D.1 OUTLINE OF TRAINING PROGRAM

Each employee is trained to operate and maintain the facility safely, and to understand hazards unique to the job assignment. This section contains information on service center personnel and trainers, job descriptions, training outlines and training record forms. The training is designed to meet federal regulations and requirements. All employees at the facility have had training that satisfies the requirements of Pt. V, ' 264.16. The regional environmental professional directly assists with the training new branch managers. The branch manager, in turn, trains his employees. An employee may not work in an unsupervised position until he or she has received proper training as outlined in Attachment D.1.

### D.2 Organization Structure and Job Descriptions

Environmental compliance and training of branch employees is the responsibility of the branch manager. The Safety-Kleen corporate office provides a training program to be executed annually. The training program is directed by personnel trained in hazardous waste management procedures and includes instruction on hazardous waste management for facility personnel in accordance with 40 CFR 264.16(a)(2). Job descriptions for branch personnel are in Appendix D.2. In accordance with 40 CFR 264.16(d)(1), a list of employees, their job titles, and job functions will be maintained at the facility.

#### D.2.1 Branch General Manager

The Branch General Manager is responsible for the business and environmental operations at the Service Center. The branch sales and service representatives, administrators, and warehouse employees report to the Branch General Manager. The Branch General Manager or his/her designee provides the training and materials necessary for the branch employees to execute their duties. With respect to environmental compliance, the Branch General Manager must:

- a. Keep the service center clean and orderly;
- b. execute or designate an employee to execute the daily inspection, keep a written log and remediate any problems;
- c. know the potential hazards of the material and wastes handled onsite;
- d. identify potential spill and fire sources and be able to execute the contingency plan;
- e. inform all employees of their environmental responsibilities;
- f. act as emergency coordinator and notify the proper authorities during an

emergency, remediate the situation to the best of his/her abilities, and submit necessary reports to the corporate office; and

g. maintain all environmental records (such as manifests, training records and spill reports) at the service center.

#### D.2.2 Corporate Compliance Department

Safety-Kleen's Corporate Compliance Department has personnel on staff who provide guidance to divisional and regional personnel for training, permitting, and other compliance issues for the service centers in a given geographic area of the country.

#### D.3 Description Of The Training Program

Employee training may be accomplished using classroom, online, videotape, written, and on-the-job methods. The regional/corporate offices prepare a training program for employees, and documents that the program has been executed.

An employee is trained prior to starting or as soon as he/she begins working (depending on the specific position), and annually thereafter. Safety-Kleen ensures that the Branch Manager has received adequate training in order to train branch personnel. Attachment D.1 contains an example outline of the training program, which demonstrates that facility personnel are trained in Hazardous Waste Management procedures.

##### D.3.1 Training of New Branch General Managers

New managers are trained for several weeks before they begin their new positions. This training includes onsite, on the job, and offsite classroom training. While being trained at a designated "training facility", a new manager reviews all environmental records and learns the record keeping requirements. These records may include Waste Analysis Profiles, manifests, personnel records, training records, facility inspection records, and spill reports.

The training culminates with additional training at his/her new facility at the direction of an environmental professional. This training may include at a minimum, a review of the facility permit, including the Waste Analysis Plan, Preparedness and Prevention Plan, Contingency Plan, Training Plan and Closure Plan. Additional time is spent reviewing past environmental compliance at the branch manager's facility and regulations unique to his state are discussed as well.

##### D.3.2 Training of New Branch Administrators

Branch administrators are trained in the proper record keeping procedures as soon as they begin working for Safety-Kleen. While they are not usually responsible for preparing the documentation, they must check it for accuracy and completeness and then process or file it as required. Additional training is overseen by the branch manager and is done within six months of starting. It includes the items listed in the training outline (Attachment D.1).

### D.3.3 Training of New Sales and Service Representatives

New sales representatives are trained onsite during which they are introduced to manifests, facility inspection records and training records. A sales representative may also be trained as the designate for performing the facility inspection. The contingency plan must be reviewed with the branch manager before the sales representative formally begins his new position and annually thereafter. All items listed in the training outline (Attachment D.1) must be explained within six months of starting.

### D.3.4 Training of New Warehouse Employees/ Material Handlers

A material handler is trained to maintain the service center and assist the other branch employees in their tasks. He/She may be a designate for the facility inspection and must be trained by the branch manager as such. Within two weeks of the warehouseperson's starting, the branch manager must review the contingency plan with the warehouseperson, and within six months must review the items listed in the training outline (Attachment D.1).

### D.3.5 Annual Training

On an annual basis, employees are trained using a program prepared and updated annually by the Safety-Kleen Regional and/or Corporate Compliance Offices and Safety Department offices. The annual training includes updates on environmental regulations, an in-depth review of the contingency plan and a review of RCRA inspection criteria.

Service center employees must annually review the items listed in the Example Training Plan Outline. This review is in the form of slide/tape and/or videotapes and a review and discussion of the storage facility permit application. In addition, periodic memoranda on changes in environmental regulations are issued by the regional and/or corporate offices and must be read and discussed by branch personnel.

## D.4 Training Records

All employee regulatory training must be documented. Records of current employees will be kept at the facility until closure. Some training documentation will be maintained electronically. Employees may not work in unsupervised positions until the contingency plan has been reviewed and they understand emergency response procedures.

ATTACHMENT D.1  
EXAMPLE TRAINING PLAN OUTLINES

## Training Summary

### Customer Service Rep.;

- 8-Hour HAZWOPER Refresher (Annual)
- Bloodborne Pathogens (can be part of Hazwoper refresher) (Annual)
- Hazardous Materials Transportation Skills (Once every three years)
- RCRA Update (Annual)
- Driver Safety Training (including vehicle inspections and exempt log training) (Once every three years)
- Drum Closure (Once every three years)

### Customer Service Rep. Oil and Vac;

- 8-Hour HAZWOPER Refresher (Annual)
- Bloodborne Pathogens (can be part of Hazwoper refresher) (Annual)
- Hazardous Materials Transportation Skills (Once every three years)
- RCRA Update (Annual)
- Driver Safety Training (including vehicle inspections and exempt log training) (Once every three years)
- Drum Closure (Once every three years)
- Cargo Tank Operations (Once every three years)
- Rail Tank Car Procedures (Once every three years)

### Material Handlers;

- 8-Hour HAZWOPER Refresher (Annual)
- Bloodborne Pathogens (can be part of Hazwoper refresher) (Annual)
- Hazardous Materials Transportation Skills (Once every three years)
- RCRA Update (Annual)
- Drum Closure (Once every three years)

### Secretaries;

- Health And Safety for Administration (Annual)
- Bloodborne Pathogens (can be part of Hazwoper refresher) (Annual)
- Hazardous Materials Transportation Skills (Once every three years)
- RCRA Update (Annual)
- Shipping Hazardous Material Samples (Annual)

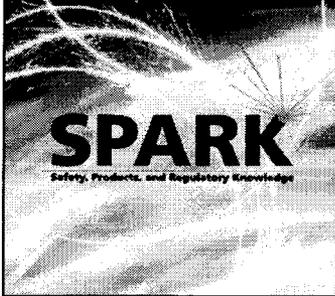
### Branch General Manager;

- 8-Hour HAZWOPER Refresher (Annual)
- Bloodborne Pathogens (can be part of Hazwoper refresher) (Annual)
- Hazardous Materials Transportation Skills (Once every three years)
- RCRA Update (Annual)
- Drum Closure (Once every three years)
- Cargo Tank Operations (Once every three years)
- Rail Tank Car Procedures (Once every three years)

Safety-Kleen Regulatory Training Matrix

<b>SK Course Code</b>	<b>Course Description</b>	<b>When</b>	<b>Facility Mgr</b>	<b>Service Rep</b>	<b>Admin Support</b>	<b>Material Handler</b>	<b>Sales Support</b>
HS-101	24-Hour Hazwoper	Initial	✓	✓		✓	✓
HS-104	8-Hour Hazwoper Refresher	Annual	✓	✓		✓	✓
HS-107	Controlled Substance Abuse Training	Initial	✓	✓	✓	✓	✓
HMTS	Hazardous Materials Transportation Skills	Initial Triennial	✓	✓	✓	✓	✓
ET-176	Driver Safety Training	Initial Triennial	✓	✓			✓
ET-237	Drum Inspection and Closure	Initial Triennial	✓	✓		✓	✓
ET-140	RCRA Update	Annual	✓	✓	✓	✓	✓
HS-106	Health & Safety for Admin	Initial Triennial			✓		
ET-144	Completing the Material Profile	Initial					✓
OB_430002	Spill Response Procedure	Initial	✓	✓		✓	✓
OB_210002	Req for Generators: EPA ID # & Manifests	Initial	✓	✓	✓	✓	✓
OB_210008	Completing the Uniform Hazwaste Manifest	Initial	✓	✓	✓	✓	✓

## SPARK Training



As part of your new hire training, you will be attending SPARK Training (**S**afety, **P**roducts **and** **R**egulatory **K**nowledge Training). By attending this class, you will satisfy the requirements for most of the courses you are required to take. The courses that are not covered in SPARK and still need to be completed outside of this class are outlined in your Fast Track Program.

For reference, here is a list of courses you will receive credit for by attending SPARK:

- ED\_100 New Employee Orientation
- HS\_101 24 Hour Hazwoper Training
- ET\_HMTS HazMat Transportation Skills Training
- ET\_DTE Driver Training Essentials
- ET\_176 Defensive Driving
- ET\_237 Drum Inspection and Closure
- ET\_276 Smith Systems Defensive Driving Program
- SA\_241 Fusion

Here is a list of Branch Operating Guidelines (BOGs) you will receive credit for by attending SPARK:

- M210-001 Parts Washer Service Procedures
- M410-001 SKOS/SKVS Prequal Analysis Procedure
- M410-005 Oil Collection Procedures
- M410-008 DIY Procedures
- M410-010 SKOS Payment to Customer
- M420-001 Vacuum Services Program
- M510-003 Spray Gun Cleaner
- M510-005 Minimizer Procedures
- M710-006 Khameleon Antifreeze Sale & Exchange
- M710-007 Windshield Washer Fluid & Antifreeze

- M710-009 Bulk Container Collection – Used Oil Filters and Absorbents
- M820-004 Corn Cob & Lite Dry Absorbent Service
- M820-005 Polypropylene Services
- M820-006 Fluorescent Light Ballast Program
- M820-014 Empty Container Program
- O210-002 Req. for Generators: EPA ID # & Manifests
- O220-002 Transportation Contingency Plan
- O220-004 Confined Space Procedure
- O220-008 Signing Regulatory Documents
- O250-001 Aerosol, Battery, EWaste, Bulb Service Mgmt
- O310-003 US DOT Placarding
- O310-007 Container Management
- O310-011 Vehicle Fuel Purchases
- O310-017 Vehicle Cone Backing Program
- O310-018 Overpacking Procedures
- O320-004 Evaluation & Return of Parts Cleaners
- O320-014 Appearance Standards for PW Containers
- O320-018 Equipment Wipe Down Procedures
- O330-001 Daily Reconciliation Procedure
- O350-002 Preparation of Containers for Load and Ship
- O350-006 Restricted Waste
- O350-007 Packing, Labeling and Marking
- O370-002 Req. – Generator Signatures of Profiles
- O420-006 Vehicle Inspection Procedures
- O430-002 Spill Response Procedure

**safety-kleen.** PROTECTION · CHOICES · PEOPLE  
**MAKE GREEN WORK®**

# SPARK

Safety, Products, and Regulatory Knowledge

## Course Agenda

Week 1		Week 2	
Monday		Monday	
<ul style="list-style-type: none"> <li>▪ Welcome &amp; Orientation</li> <li>▪ Human resources</li> <li>▪ Customer Service/Value Overview</li> <li>▪ Health &amp; Safety: <i>Compliance Intro, OSHA Overview, Hazard Recognition, Ergonomics, Container Handling</i></li> </ul>	<ul style="list-style-type: none"> <li>▪ Oil &amp; Vacuum Service Overview</li> <li>▪ Day in the Life Scenario – Oil &amp; Vac</li> <li>▪ Spill Response</li> </ul>		
Tuesday		Tuesday	
<ul style="list-style-type: none"> <li>▪ Health &amp; Safety Continued <i>Walking &amp; Working Surfaces, Lockout/Tagout, Electrical Safety, Fire Prevention/Protection, Toxicology, Hazard Communications, PPE, Decontamination, Respiratory Protection, Hearing Protection, Medical Surveillance</i></li> </ul>	<ul style="list-style-type: none"> <li>▪ Bringing It All Together:</li> <li>▪ Hands-On Parts Washers &amp; Allied Products</li> <li>▪ Demonstrations, Q&amp;A</li> </ul>		
Wednesday		Wednesday	
<ul style="list-style-type: none"> <li>▪ Transportation <i>Regulatory Requirements – DOT, Driver Qualification, Driver Wellness, Daily Log/Hours of Service, Load Securement, Pre &amp; Post Trip Inspections, Vehicle Cone Program, Hazmat Definitions &amp; Requirements, Hazard Classes, Hazmat Table, Shipping Papers, Markings and Labels, Packaging, Drum Inspection and Closure, Transportation Review</i></li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Service Representatives</u> Selling Skills Training</li> <li>▪ <u>Sales Representatives</u> Smith Systems® 5Keys Driver Training® Part 2: Road Training</li> </ul>		
Thursday		Thursday	
<ul style="list-style-type: none"> <li>▪ Transportation Continued: Smith Systems® 5Keys Driver Training® Part 1: Classroom Training</li> <li>▪ Parts Washers/Allied Products Overview</li> </ul>	<ul style="list-style-type: none"> <li>▪ <u>Service Representatives</u> Smith Systems® 5Keys Driver Training® Part 2: Road Training</li> <li>▪ <u>Sales Representatives</u> Branch Technical Training (BTT)</li> </ul>		
<ul style="list-style-type: none"> <li>▪ Day in the Life Scenario: Parts Washers</li> <li>▪ Containerized Waste Services (CWS) Overview</li> </ul>		<ul style="list-style-type: none"> <li>▪ Wrap-up, Review and Testing</li> <li>▪ Awards</li> <li>▪ Departure</li> </ul>	
<ul style="list-style-type: none"> <li>▪ Day in the Life Scenario: CWS &amp; Salvage Pack</li> </ul>			

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Branch General Manager	BGM	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Branch General Manager	BGM	ET 100E	EMS for Branch Management	Yes	SK eLearning	Fr Intranet Conn.	Initial
Branch General Manager	BGM	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Branch General Manager	BGM	ET 141	RCRA (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	ET 160	Entry Level Driver Training	See Note 6	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Branch General Manager	BGM	ET 172	Pre and Post Trip Inspections	See Note 6	RTC Trainer, Qualified Trainer, or by completing BOG OB_420006	RTC or Branch	Initial
Branch General Manager	BGM	ET 176	Driver Safety Training / Defensive Driving	Yes	Qualified Trainer, or by completing BOG OB_420-005	Branch	Initial / Triennial
Branch General Manager	BGM	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Branch General Manager	BGM	ET 177B	Haz Material Security Plan for Supervisors	Yes	SK eLearning	Fr Intranet Conn	Every three years
Branch General Manager	BGM	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Branch General Manager	BGM	ET 255	ABTT / Advanced Branch Technical Training	Rec**	RTC Trainer or SK Certified Instructor	RTC	Initial
Branch General Manager	BGM	ET 330	Shipping Hazardous Materials Samples (Initial training should be accomplished by attending BTT or ABTT at the RTC)	Yes	Initial: RTC Trainer / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Branch General Manager	BGM	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Branch General Manager	BGM	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Branch General Manager	BGM	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Branch General Manager	BGM	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Branch General Manager	BGM	HS 107E	US Driver Supervisors	Yes	EHS Mgr, SK Certified Instructor, or eLearning	Branch or Fr Intranet Conn	Initial
Branch General Manager	BGM	HS 151	Accident Investigation	Yes	EHS Mgr, SK Certified Instructor, or eLearning with additional instruction by EHS Mgr	Branch	Initial
Branch General Manager	BGM	MB_XXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Branch General Manager	BGM	OB_XXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Customer Service Manager	CSM	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Customer Service Manager	CSM	ET 100C	EMS for Customer Service Representatives	Yes	SK eLearning	Fr Intranet Conn.	Initial
Customer Service Manager	CSM	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Customer Service Manager	CSM	ET 141	RCRA (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	ET 160	Entry Level Driver Training	See Note 6	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Customer Service Manager	CSM	ET 172	Pre and Post Trip Inspections	See Note 6	RTC Trainer, Qualified Trainer, or by completing BOG OB_420006	RTC or Branch	Initial
Customer Service Manager	CSM	ET 176	Driver Safety Training / Defensive Driving	Yes	Qualified Trainer, or by completing BOG OB_420-005	Branch	Initial/ Triennial
Customer Service Manager	CSM	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Customer Service Manager	CSM	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Customer Service Manager	CSM	ET 255	ABTT / Advanced Branch Technical Training	Rec**	RTC Trainer or SK Certified Instructor	RTC	Initial
Customer Service Manager	CSM	ET 330	Shipping Hazardous Materials Samples (Initial training should be accomplished by attending BTT or ABTT at the RTC)	Yes	Initial: RTC Trainer / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Customer Service Manager	CSM	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Customer Service Manager	CSM	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Customer Service Manager	CSM	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Customer Service Manager	CSM	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Customer Service Manager	CSM	HS 107E	US Driver Supervisors	Yes	EHS Mgr, SK Certified Instructor, or eLearning	Branch or Fr Intranet Conn	Initial
Customer Service Manager	CSM	MB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Customer Service Manager	CSM	OB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Equipment Repair Specialist	ERS	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Equipment Repair Specialist	ERS	ET 100B	Equipment for Material Handler	Yes	SK eLearning	Fr Intranet Conn.	Initial
Equipment Repair Specialist	ERS	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Equipment Repair Specialist	ERS	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Equipment Repair Specialist	ERS	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Equipment Repair Specialist	ERS	ET 160	Entry Level Driver Training	See Note 6	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Equipment Repair Specialist	ERS	ET 172	Pre and Post Trip Inspections	See Note 6	RTC Trainer, Qualified Trainer, or by completing BOG OB_420006	RTC or Branch	Initial
Equipment Repair Specialist	ERS	ET 176	Driver Safety Training / Defensive Driving	Yes	Qualified Trainer, or by completing BOG OB_420-005	Branch	Initial / Triennial
Equipment Repair Specialist	ERS	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Equipment Repair Specialist	ERS	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Equipment Repair Specialist	ERS	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Equipment Repair Specialist	ERS	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Equipment Repair Specialist	ERS	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Equipment Repair Specialist	ERS	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Equipment Repair Specialist	ERS	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Equipment Repair Specialist	ERS	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Equipment Repair Specialist	ERS	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Equipment Repair Specialist	ERS	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Equipment Repair Specialist	ERS	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Equipment Repair Specialist	ERS	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Equipment Repair Specialist	ERS	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Equipment Repair Specialist	ERS	HS 201	Forklift Operation	Forklift Operator Only	Qualified Trainer, H&S Mgr, or eLearning	Branch or Fr Intranet Conn	Initial
Equipment Repair Specialist	ERS	HS 201 - Supplemental Training	Forklift Operation - <u>Additional forklift specific supplemental training is required for each forklift (use the Supplemental document found in the SK Corp Training Dept database for instruction and documentation)</u>	Forklift Operator Only	Qualified Trainer, H&S Mgr	Branch	Initial
Equipment Repair Specialist	ERS	HS 201A	Forklift Operator Evaluation	Forklift Operator Only	Qualified Trainer, H&S Mgr, or eLearning	Branch	Triennial
Equipment Repair Specialist	ERS	MB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Equipment Repair Specialist	ERS	OB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 100B	EMS for Material Handler	Yes	SK eLearning	Fr Intranet Conn.	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 160	Entry Level Driver Training	See Note 6	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 172	Pre and Post Trip Inspections	See Note 6	RTC Trainer, Qualified Trainer, or by completing BOG OB_420006	RTC or Branch	Initial

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 176	Driver Safety Training / Defensive Driving	See Note 6a	Qualified Trainer, or by completing BOG OB_420-005	Branch	Initial / Triennial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	HS 201	Forklift Operation	Forklift Operator Only	Qualified Trainer, H&S Mgr, or eLearning	Branch or Fr Intranet Conn	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	HS 201 - Supplemental Training	Forklift Operation - Additional forklift specific supplemental training is required for each forklift (use the Supplemental document found in the SK Corp Training Dept database for instruction and documentation)	Forklift Operator Only	Qualified Trainer, H&S Mgr	Branch	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	HS 201A	Forklift Operator Evaluation	Forklift Operator Only	Qualified Trainer, H&S Mgr, or eLearning	Branch	Triennial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	MB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Lead Material Handler / Material Handler / Material Handler Service Trainee	LMH / MH / MHST	OB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Market Manager	MM	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Market Manager	MM	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Manager	MM	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Manager	MM	ET 141	RCRA (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Manager	MM	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Market Manager	MM	ET 177B	Haz Material Security Plan for Supervisors	Yes	SK eLearning	Fr Intranet Conn	Every three years
Market Manager	MM	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Manager	MM	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Market Manager	MM	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Manager	MM	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Manager	MM	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Manager	MM	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Manager	MM	HMTS	Hazardous Materials Transportation Skills	Yes	RTC Trainer	RTC	Initial
Market Manager	MM	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Market Manager	MM	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Market Manager	MM	HS 107B	Drug Free Workplace US Supervisors	Yes	EHS Mgr, SK Certified Instructor, or eLearning	Branch or Fr Intranet Conn	Initial
Market Manager	MM	MB_XXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Market Manager	MM	OB_XXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Market Operations Manager	MOM	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Market Operations Manager	MOM	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	ET 141	RCRA (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Market Operations Manager	MOM	ET 177B	Haz Material Security Plan for Supervisors	Yes	SK eLearning	Fr Intranet Conn	Every three years
Market Operations Manager	MOM	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Market Operations Manager	MOM	ET 330	Shipping Hazardous Materials Samples (Initial training should be accomplished by attending BTT or ABTT at the RTC)	Yes	Initial: RTC Trainer / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Market Operations Manager	MOM	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Market Operations Manager	MOM	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Market Operations Manager	MOM	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Market Operations Manager	MOM	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Market Operations Manager	MOM	HS 107B	Drug Free Workplace US Supervisors	Yes	EHS Mgr, SK Certified Instructor, or eLearning	Branch or Fr Intranet Conn	Initial
Market Operations Manager	MOM	MB_xxxxx	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Market Operations Manager	MOM	OB_xxxxx	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Market Sales Manager	MSM	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Market Sales Manager	MSM	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Market Sales Manager	MSM	ET 141	RCRA (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	ET 143	Sampling (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer or Qualified Trainer	RTC	Initial
Market Sales Manager	MSM	ET 144A	Completing the One-Page Profile (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer or Qualified Trainer	RTC	Initial
Market Sales Manager	MSM	ET 176	Driver Safety Training / Defensive Driving	Yes	Qualified Trainer, or by completing BOG OB_420-005	Branch	Initial / Triennial
Market Sales Manager	MSM	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Market Sales Manager	MSM	ET 177B	Haz Material Security Plan for Supervisors	Yes	SK eLearning	Fr Intranet Conn	Every three years
Market Sales Manager	MSM	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Market Sales Manager	MSM	ET 255	ABTT / Advanced Branch Technical Training	Yes	RTC Trainer or SK Certified Instructor	RTC	Initial
Market Sales Manager	MSM	ET 330	Shipping Hazardous Materials Samples (Initial training should be accomplished by attending BTT or ABTT at the RTC)	Yes	Initial: RTC Trainer / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Market Sales Manager	MSM	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Market Sales Manager	MSM	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Market Sales Manager	MSM	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Market Sales Manager	MSM	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Market Sales Manager	MSM	HS 107B	Drug Free Workplace US Supervisors	Yes	EHS Mgr, SK Certified Instructor, or eLearning	Branch or Fr Intranet Conn	Initial

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Market Sales Manager	MSM	MB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Market Sales Manager	MSM	OB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Market Sales Specialist (all levels)	MSS (all levels)	ET 100E	EMS for Branch Management	Yes	SK eLearning	Fr Intranet Conn.	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Market Sales Specialist (all levels)	MSS (all levels)	ET 141	RCRA (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 143	Sampling (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer or Qualified Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 144A	Completing the One-Page Profile (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer or Qualified Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 176	Driver Safety Training / Defensive Driving	Yes	Qualified Trainer, or by completing BOG OB 420-005	Branch	Initial / Triennial
Market Sales Specialist (all levels)	MSS (all levels)	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Market Sales Specialist (all levels)	MSS (all levels)	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Market Sales Specialist (all levels)	MSS (all levels)	ET 255	ABTT / Advanced Branch Technical Training	Yes	RTC Trainer or SK Certified Instructor	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	ET 330	Shipping Hazardous Materials Samples (Initial training should be accomplished by attending BTT or ABTT at the RTC)	Yes	Initial: RTC Trainer / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Market Sales Specialist (all levels)	MSS (all levels)	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Market Sales Specialist (all levels)	MSS (all levels)	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Market Sales Specialist (all levels)	MSS (all levels)	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Market Sales Specialist (all levels)	MSS (all levels)	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Market Sales Specialist (all levels)	MSS (all levels)	MB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Market Sales Specialist (all levels)	MSS (all levels)	OB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 100D	EMS for Oil/Vac Service Representatives	Yes	SK eLearning	Fr Intranet Conn.	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 160	Entry Level Driver Training	Yes	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 170	Cargo Tank Operations	See Note 2	RTC Trainer, Transp Compliance Mgr, or Qualified Trainer	RTC or Branch	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 171	Cargo Tank Operations	Yes	Qualified Trainer or Transp Compliance Mgr	Branch	Triennial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 172	Pre and Post Trip Inspections	Yes	RTC Trainer, Qualified Trainer, or by completing BOG OB_420006	RTC or Branch	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 176	Driver Safety Training / Defensive Driving	Yes	Qualified Trainer, or by completing BOG OB_420-005	Branch	Initial / Triennial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 181	Driver's Exempt Log	Yes	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET 333	Rail Tank Car Inspection and Operation	See Note 3	SK Certified Instructor, Transp Compliance Mgr, or eLearning	Branch	Initial / Triennial

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET_120	Load Securement	Yes	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	ET_180	Driver's Daily Log/Hours of Service	See Note 7	RTC Trainer or Qualified Trainer	RTC or Branch	Initial / Triennial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	HS 201	Forklift Operation	Forklift Operator Only	Qualified Trainer, H&S Mgr, or eLearning	Branch or Fr Intranet Conn	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	HS 201 - Supplemental Training	Forklift Operation - <u>Additional forklift specific supplemental training is required</u> for each forklift (use the Supplemental document found in the SK Corp Training Dept database for instruction and documentation)	Forklift Operator Only	Qualified Trainer, H&S Mgr	Branch	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	HS 201A	Forklift Operator Evaluation	Forklift Operator Only	Qualified Trainer, H&S Mgr, or eLearning	Branch	Triennial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	MB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Sales and Service Rep - Oil and Vac (previously titled Customer Service Rep - Oil and Vac)	OSSR (OCSR) & VSSR (VCSR)	OB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 100C	EMS for Customer Service Representatives	Yes	SK eLearning	Fr Intranet Conn.	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 160	Entry Level Driver Training	Yes	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 172	Pre and Post Trip Inspections	Yes	RTC Trainer, Qualified Trainer, or by completing BOG OB_420006	RTC or Branch	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 176	Driver Safety Training / Defensive Driving	Yes	Qualified Trainer, or by completing BOG OB_420-005	Branch	Initial / Triennial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 181	Driver's Exempt Log	Yes	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (position titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET_120	Load Securement	Yes	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	ET_180	Driver's Daily Log/Hours of Service	See Note 7	RTC Trainer or Qualified Trainer	RTC or Branch	Initial / Triennial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	HS 201	Forklift Operation	Forklift Operator Only	Qualified Trainer, H&S Mgr, or eLearning	Branch or Fr Intranet Conn	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	HS 201 - Supplemental Training	Forklift Operation - <u>Additional forklift specific supplemental training is required</u> for each forklift (use the Supplemental document found in the SK Corp Training Dept database for instruction and documentation)	Forklift Operator Only	Qualified Trainer, H&S Mgr	Branch	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	HS 201A	Forklift Operator Evaluation	Forklift Operator Only	Qualified Trainer, H&S Mgr, or eLearning	Branch	Triennial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	MB_xxxxxx	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Sales and Service Rep / Senior Sales and Service Rep / Sales and Service Associate (titles changed from Customer Service to Sales and Service)	SSR (CSR) / SSSR (SCSR) / SSA (CSA)	OB_xxxxxx	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Senior Branch Administrator / Branch Administrator (previously titled Secretary) (includes Office Manager)	SBA (LSEC) / BA (BSEC)	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Senior Branch Administrator / Branch Administrator (previously titled Secretary) (includes Office Manager)	SBA (LSEC) / BA (BSEC)	ET 100A	EMS for Branch Administration	Yes	SK eLearning	Fr Intranet Conn.	Initial
Senior Branch Administrator / Branch Administrator (previously titled Secretary) (includes Office Manager)	SBA (LSEC) / BA (BSEC)	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Senior Branch Administrator / Branch Administrator (previously titled Secretary) (includes Office Manager)	SBA (LSEC) / BA (BSEC)	ET 177A	Haz Materials Security Plan for Employees	Yes	Qualified Trainer or SK eLearning	Branch or Fr Intranet Conn	Every three years

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Senior Branch Administrator / Branch Administrator (previously titled Secretary) (includes Office Manager)	SBA (LSEC) / BA (BSEC)	ET 330	Shipping Hazardous Materials Samples	See Note 4	Initial: RTC Trainer / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC / Triennial: Branch or Fr Intranet Conn.	Annual
Senior Branch Administrator / Branch Administrator (previously titled Secretary) (includes Office Manager)	SBA (LSEC) / BA (BSEC)	HMTS AD	Hazardous Materials Transportation Skills for Admin (NOTE: ET_HMTS_RE on eLearning can be completed to fulfill the ET_HMTS_ADMIN requirement)	See Note 5	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or eLearning	Branch or Fr Intranet Conn	Initial / Triennial
Senior Branch Administrator / Branch Administrator (previously titled Secretary) (includes Office Manager)	SBA (LSEC) / BA (BSEC)	HS 106	Health and Safety for Admin	Yes	Qualified Trainer, EHS Mgr, or eLearning	Branch or Fr Intranet Conn	Initial
Senior Branch Administrator / Branch Administrator (previously titled Secretary) (includes Office Manager)	SBA (LSEC) / BA (BSEC)	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Senior Branch Administrator / Branch Administrator (previously titled Secretary) (includes Office Manager)	SBA (LSEC) / BA (BSEC)	MB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Senior Branch Administrator / Branch Administrator (previously titled Secretary) (includes Office Manager)	SBA (LSEC) / BA (BSEC)	OB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Service Center Manager	SCM	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Service Center Manager	SCM	ET 100E	EMS for Branch Management	Yes	SK eLearning	Fr Intranet Conn.	Initial
Service Center Manager	SCM	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Service Center Manager	SCM	ET 141	RCRA (Training should be accomplished by attending BTT or ABTT at the RTC)	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	ET 160	Entry Level Driver Training	See Note 6	RTC Trainer or Qualified Trainer	RTC or Branch	Initial
Service Center Manager	SCM	ET 172	Pre and Post Trip Inspections	See Note 6	RTC Trainer, Qualified Trainer, or by completing BOG OB_420006	RTC or Branch	Initial
Service Center Manager	SCM	ET 176	Driver Safety Training / Defensive Driving	Yes	Qualified Trainer, or by completing BOG OB_420-005	Branch	Initial / Triennial
Service Center Manager	SCM	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Service Center Manager	SCM	ET 177B	Haz Material Security Plan for Supervisors	Yes	SK eLearning	Fr Intranet Conn	Every three years
Service Center Manager	SCM	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Service Center Manager	SCM	ET 255	ABTT / Advanced Branch Technical Training	Rec**	RTC Trainer or SK Certified Instructor	RTC	Initial
Service Center Manager	SCM	ET 330	Shipping Hazardous Materials Samples (Initial training should be accomplished by attending BTT or ABTT at the RTC)	Yes	Initial: RTC Trainer / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Service Center Manager	SCM	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Service Center Manager	SCM	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Service Center Manager	SCM	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Service Center Manager	SCM	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Service Center Manager	SCM	HS 107E	US Driver Supervisors	Yes	EHS Mgr, SK Certified Instructor, or eLearning	Branch or Fr Intranet Conn	Initial
Service Center Manager	SCM	HS 151	Accident Investigation	Yes	EHS Mgr, SK Certified Instructor, or eLearning with additional instruction by EHS Mgr	Branch	Initial
Service Center Manager	SCM	MB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Service Center Manager	SCM	OB_XXXXXX	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Technical Field Service Project Manager	TFS	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Technical Field Service Project Manager	TFS	ET 100E	EMS for Branch Management	Yes	SK eLearning	Fr Intranet Conn.	Initial
Technical Field Service Project Manager	TFS	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Technical Field Service Project Manager	TFS	ET 141	RCRA (Training should be accomplished by attending BTT at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 143	Sampling (Training should be accomplished by attending BTT at the RTC)	Yes	RTC Trainer or Qualified Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 144A	Completing the One-Page Profile (Training should be accomplished by attending BTT at the RTC)	Yes	RTC Trainer or Qualified Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 176	Driver Safety Training / Defensive Driving	Yes	Qualified Trainer, or by completing BOG OB_420-005	Branch	Initial / Triennial
Technical Field Service Project Manager	TFS	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Technical Field Service Project Manager	TFS	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Technical Field Service Project Manager	TFS	ET 330	Shipping Hazardous Materials Samples (Initial training should be accomplished by attending BTT at the RTC)	Yes	Initial: RTC Trainer / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Technical Field Service Project Manager	TFS	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial

**Branch Regulatory Training Matrix.xls - US MATRIX**

Job Title	Job Code	Course Code	Description	Req'd	Delivered By	Where	When
Technical Field Service Project Manager	TFS	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Technical Field Service Project Manager	TFS	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Technical Field Service Project Manager	TFS	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Technical Field Service Project Manager	TFS	MB_xxxxxx	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Technical Field Service Project Manager	TFS	OB_xxxxxx	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Technical Project Manager	TPM	ET 100_2	EMS / ISO Overview	Yes	SK eLearning	Fr Intranet Conn.	Annual
Technical Project Manager	TPM	ET 131	USDOT Regulations: HazMat Regulations (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Project Manager	TPM	ET 132	USDOT Regulations: Hazard Classes (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Project Manager	TPM	ET 140	RCRA Update (permitted locations only)	Yes	Qualified Trainer or EHS Mgr	Branch	Initial / Annual
Technical Project Manager	TPM	ET 177A	Haz Materials Security Plan for Employees	Yes	RTC Trainer or SK eLearning	RTC or Fr Intranet Conn	Every three years
Technical Project Manager	TPM	ET 231	USDOT Regulations: Hazardous Materials Table (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Project Manager	TPM	ET 232	USDOT Regulations: Shipping Papers (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Project Manager	TPM	ET 233	USDOT/EPA Regulations: Labeling and Marking (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Project Manager	TPM	ET 234	USDOT Regulations: Placarding (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Project Manager	TPM	ET 235	Hazardous Materials: Segregation (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Project Manager	TPM	ET 236	USDOT Regulations: UN Packaging Authorizations and Specifications (POPS) (included in HMTS at the RTC)	Yes	RTC Trainer	RTC	Initial
Technical Project Manager	TPM	ET 237	Drum Inspection and Closure (Initial training is included in HS_101RTC, 24 Hr Hazwoper at the RTC)	Yes	Initial: RTC Trainer or SK eLearning / Triennial: Qualified Trainer, EHS Mgr, Transp Compliance Mgr, or SK eLearning	Initial: RTC or Branch / Triennial: Branch or Fr Intranet Conn.	Initial / Triennial
Technical Project Manager	TPM	HMTS	Hazardous Materials Transportation Skills (Initial)	Yes	RTC Trainer	RTC	Initial
Technical Project Manager	TPM	HMTS RE	Hazardous Materials Transportation Skills Refresher (Triennial)	Yes	EHS Mgr, Transp Compliance Mgr, SK Certified Instructor, or SK eLearning	Branch or Fr Intranet Conn	Triennial
Technical Project Manager	TPM	HS 101 / HS 101 RTC*	24 Hour Hazwoper / 24 Hour Hazwoper at the RTC	Yes	RTC Trainer	RTC	Initial
Technical Project Manager	TPM	HS 104	8 Hour HAZWOPER Refresher	Yes	EHS Mgr or SK Certified Instructor	Branch	Annual
Technical Project Manager	TPM	HS 107A	Drug Free Workplace US Employees	Yes	EHS Mgr, Qualified Trainer, or eLearning	Branch or Fr Intranet Conn	Initial
Technical Project Manager	TPM	MB_xxxxxx	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial
Technical Project Manager	TPM	OB_xxxxxx	Operating and Marketing BOG training (see BOG Training Checklist)	Yes	SK eLearning and OJT	Fr Intranet and Branch	Initial

**ATTACHMENT D.2**  
**JOB DESCRIPTIONS**

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**Job Description**

**Job Title:** Branch General Manager  
**Department:** Branch Sales & Service  
**Reports To:** District Manager  
**FLSA Status:** Exempt  
**Approved By:** SVP HR  
**Approved Date:** 01/29/07

**Summary:** The Branch General Manager is responsible for financial and operational management including: financial performance against quota or budget (P & L), EH&S compliance through the Environmental Management System (EMS), and operational management of the facilities and of the human resources.

**Essential Duties and Responsibilities** include but are not limited to the following.

- Manage the branch operations including hiring, training, and supervision of the staff.
- Manage sales and service staff in achieving customer retention, on-time service performance, and accounts receivable goals by: observing corporate operating guidelines, training and reinforcing critical service skills, and working to prevent and resolve customer service issues.
- Conduct inspections and ride-alongs with sales and service staff to ensure timely and effective servicing of customers' equipment.
- Profit or loss of the facility(ies) by focusing on building new business relationships and maintaining existing customer bases and satisfaction.
- Prepare branch sales/service forecast and budget.
- Ensure compliance with all applicable environmental, health, and safety (EHS) requirements by working with corporate EHS resources to keep all training and record keeping up to date, and by monitoring daily operations to assure performance is within regulatory guidelines.
- Maintenance of branch fleet to company standards, assistance with branch incident alert and spill response systems, and control of branch inventory.
- Maximize collection of money at the time of service, collect on overdue accounts, and determine when to pull an account.
- Ensure that all branch customer service practices are conducted consistent with high ethical standards.

**Supervisory Responsibility:**

The Branch General Manager recommends hiring, training, scheduling, performance appraisal, promoting, compensation, corrective action and termination.

**Qualifications:** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**Education and/Or Experience:** Minimum of High School diploma or (GED). Bachelor's degree preferred. At least 5 years experience in a sales and service organization.

**Certificates, Licenses, Registrations:** Class B CDL, Haz Mat, Air Brakes and Tankers endorsement.

**Physical Demands:** While performing the duties of this job, the employee must frequently sit for long periods of time, use the computer, as well as occasionally lift up to 25 pounds. There will also be some occasional need for bending, kneeling, or reaching.

**Work Environment:** While performing the duties of this job, the employee has some exposure to warehouse as well as outside weather conditions. The employee is occasionally exposed to wet and/or humid conditions; extreme cold; extreme heat.

**Job Description**

**Job Title:** Branch Administrator  
**Department:** Branch Services  
**Reports To:** Branch General Manager  
**FLSA Status:** Exempt  
**Approved By:** SVP HR  
**Approved Date:** 03/26/07

**Summary:** The Branch Administrator is an administrative position responsible for maintaining detailed and accurate company, branch, and customer files.

**Essential Duties and Responsibilities** include but are not limited to the following.

- Assembles packages of documents for Sales Representatives.
- Check Sales or Hazardous Waste documents turned in by Sales Representatives.
- Ensure proper completion of paperwork including manifests, and alert manager of errors.
- Provide customer service functions by responding to customer inquiries and/or complaints, handling or routing service questions, and solving problem accounts.
- Prepare Manual Forms, Manifests and LDR forms, as required.
- Distribute copies of service documents and manifests to customers, various Safety-Kleen locations, and to governmental agencies, as required.
- Contact customers delinquent in payment and coordinates pick-up of payments.
- Log wastes, adjusts service scheduling, prepares reports, completes MMVR reports and checks manifests for assigned territories.
- Provide other clerical support duties as requested.

**Qualifications:** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

**Education and/Or Experience:** High school diploma and six months+ related experience, and/or training.

**Competencies and Skills:** Customer Service, Attention to Detail, Recognize the importance of Safety, Time Management, Product Knowledge, Sense of Direction, and Organization skills.

**Physical Demands:** While performing the duties of this job, the employee must frequently sit at a work station using the computer.

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**Job Description**

**Job Title:** Sales and Service Representative  
**Department:** Branch Services  
**Reports To:** Branch Service Manager  
**FLSA Status:** Exempt  
**Approved By:** SVP HR  
**Approved Date:** 01/29/07

**Summary:** Services SK machines at customer sites, sells new products to existing customers, removes waste from customer sites and provides on-site customer service.

**Essential Duties and Responsibilities** include but are not limited to the following.

- Receive manifests, labels, route schedule from office staff.
- Select, pull, and load needed inventory (empty drums, pig products, new machines, etc) per route schedule.
- Perform daily truck check & complete truck check list form.
- Perform routine route
- Properly label, scan, and document waste picked up from customer site.
- Present receipt to customer as well as address any customer service issues or sales opportunities.
- Complete end of day paperwork.

**Qualifications:** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

**Education and/Or Experience:** High school diploma or (GED) and six months+ related experience, and/or training.

**Certificates, Licenses, Registrations:** Class C CDL and hazmat certifications.

**Competencies and Skills:** Customer Service, Attention to Detail, Recognize the importance of Safety, Time Management, Product Knowledge, Sense of Direction, Knowledge of Hazardous Waste, and Organization skills.

**Physical Demands:** While performing the duties of this job, the employee must frequently sit, walk, stand, crawl or drive a truck. The employee must frequently carry, lift, pull or push 50 pounds or more. The employee is constantly required to reach, bend, kneel, squat, climb, stoop or twist; and talk or hear. The employee must constantly drive a large truck and/or move heavy equipment.

**Work Environment:** While performing the duties of this job, the employee is frequently exposed to moving mechanical parts and outside weather conditions. The employee is occasionally exposed to wet and/or humid conditions; high, precarious places; fumes or airborne particles; extreme cold; extreme heat; and risk of electrical shock.

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**Job Description**

**Job Title:** Material Handler  
**Department:** Branch Services  
**Reports To:** Branch General Manager  
**FLSA Status:** Exempt  
**Approved By:** SVP HR  
**Approved Date:** 03/26/07

**Summary:** The Material Handler works in the warehouse handling hazardous waste material using a forklift or other equipment.

**Essential Duties and Responsibilities** include but are not limited to the following.

- Loads finished product bulk shipments, and completes paperwork.
- Samples inbound bulk shipments and completes paperwork.
- Inventory and maintain loading and unloading areas.
- Prepares bulk wastes for shipment to other Safety-Kleen locations.
- Empties bulk into holding vessel.
- Washes "RCRA Empty" drums in drum washer and fills clean drums with solvent.
- Shrink wraps containerized wastes, arranging the waste on the pallet so all labels are showing, and prepares the shipment for transportation to other Safety-Kleen locations.
- Checks all trucks for proper strapping of drums and that cargo doors are closed.
- Disassembles returned parts washing machines and prepares them for shipment to the DC.
- Completes daily/weekly facility inspection required by Part B Permit or by Safety-Kleen, as assigned by the Branch Manager.
- Monitors waste quantity and storage limits and notifies the Branch Manager if limits will be exceeded within 24-48 hours so action can be taken.
- Oversees retained sample program.
- Ensure dock, warehouse and return & fill areas are cleaned and organized at all times.

**Qualifications:** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

**Education and/Or Experience:** High school diploma and six months+ related experience, and/or training. Familiar with H.S.E. and M.S.D.S. for all product used and stored at the facility. Certified forklift operator. Certified in hazardous waste operations and emergency response.

**Competencies and Skills:** Customer Service, Attention to Detail, Recognize the importance of Safety, Time Management, Product Knowledge, Sense of Direction, and Organization skills.

**Physical Demands:** Exert up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects. Stands and/or walks more than 4 hours a day. Hand Tools & Small Power Tools; Hand Truck/Dolly; Large Power Tools & Equipment, Forklift, Truck, Wench; Personal Protective Equipment.

**ATTACHMENT E**

**FACILITY DESIGN, WASTE HANDLING, PREPAREDNESS AND PREVENTION PROCEDURES**

## PREPAREDNESS AND PREVENTION PLAN

### ABSTRACT

SECURITY MEASURES--The site is secured as follows:

- a. There is a chain link fence with three strands of barbed wire around the facility.
- b. Warning signs are posted at all entrances.
- c. Locks are on all entrances to the warehouse.
- d. Remote controls for all tank operations are inside the secured, fenced area.
- e. There is outdoor lighting on sensoring devices and automatically comes on at low light hours of the day

INSPECTION PROCEDURES--See Attachment C for an example Facility Inspection Record and Procedure.

REQUIRED EQUIPMENT--The emergency equipment requirement is met with the following:

- a. Internal communications will be by voice.
- b. Telephones are available in the warehouse.
- c. Fire extinguishers are available next to three exits in the warehouse.
- d. Water supplied by the city of Farmington.

## E.1 Facility Design

The Farmington service center was designed to minimize the possibility of spills or fires and to minimize the effects of any accidents which may occur. Specifications for the storage facilities, secondary containment and other equipment are in Attachment E and descriptions follow.

### E.1.1 Tank Storage

The nominal 12,000 gallon waste storage tank is 10'6" in diameter and 19' high. It is constructed of 3/16" thick (1/4" thick in the lower third of the tank) carbon steel painted white to reflect sunlight. The tanks are constructed in accordance with Underwriters Laboratories Standard 142 and they are located more than 15 feet from the property line, in accordance with National Fire Protection buffer zone requirements. The secondary containment for the tanks consists of a monolithically poured slab and concrete block dike wall with steel reinforced cement. The secondary containment measures 37 feet by 22 feet by 3 feet and holds 18,266 gallons. The slab is six inches thick and the walls are eight inches thick (nominal). Two 12,000 gallon tanks are located within the containment; one for spent parts washer solvents and one for new parts washer solvents.

The used and product parts washer solvent tanks are equipped with an audio (siren) and visual (strobe light) high level alarm system which will alert employees when the tank is approximately 600 gallons (95%) from being full.

The secondary containment for the spent solvent tank is provided with a leak detection system that is designed and operated to detect the failure of the primary containment structure and the presence of any release of hazardous waste or accumulated liquids within 24-hours.

The return and fill station is a concrete block structure with a metal roof and the secondary containment is monolithically poured concrete. The drum washer is tight-piped to the tank with welded joints and all piping is aboveground.

### E.1.2 Container Storage Area

The slab, curbing and collection trenches for the container storage area in the warehouse are made of steel-reinforced concrete and the concrete has been poured so that no cracks or gaps exist. The curbing is four inches high and six inches wide and encompasses the storage area except where there is a trench. Steel grates cover the trench to facilitate the movement of containers across it. The concrete on the floor and curbing is coated with a chemical-resistant epoxy and urethane, or equivalent, so as to be impermeable to contain leaks and spills.

The wastes stored in the container storage area are compatible with the containers in which they are stored. The containers used to store wastes meet DOT requirements.

In accordance with 40 CFR 264.73, Safety-Kleen maintains a manifest system, an operating record, biennial reports and all other records required under these sections.

## E.2 Waste Management Practices

The Farmington service center was designed to facilitate the handling and storage of the wastes resulting from the services offered by Safety-Kleen. The aboveground storage tanks, drum storage areas and return and fill station have secondary containment and the service center has the equipment necessary for employees to safely manage wastes on-site. Attachment E contains drawings of the waste management facilities.

Spent parts washer solvents are accumulated in a nominal 12,000 gallon aboveground storage tank via the return and fill station. Spent material is poured into the drum washers/dumpsters in the return and fill station, and material is pumped into the used parts washer solvent storage tank. The sediment which accumulates in the bottom of the drum washer/dumpster is removed manually, drummed and stored in the return and fill station according to the satellite accumulation requirements of 40 CFR 262.34(b). The drummed sediment is manifested off-site prior to the expiration of the 90 day time frame for accumulation of hazardous waste. The return and fill station has secondary containment in the form of a 17'6" x 11'2" concrete slab with a 6-inch high curb (730 gallons). The total volume of waste and product will not exceed 10 times the secondary containment volume.

The aboveground tanks have been designed in accordance with NFPA standards and are constructed of carbon steel painted white to reflect sunlight. The secondary containment is a steel reinforced concrete dike measuring 37' x 22' x 3' which holds 18,266 gallons. Two tanks holding a nominal 12,000 gallons each are situated in the diked area; one is for clean and one is for spent parts washer solvents. Each tank is equipped with an audio and visual high level alarm.

The container storage area in the warehouse is used for the storage of (1) spent immersion cleaner, (2) dry cleaning wastes, (3) paint waste, (4) photo imaging waste, and (5) aqueous parts washer solvent. Non-hazardous material, wastes that are not regulated (including transfer wastes) and Safety-Kleen products may also be stored in this area. The wastes in the container storage area are not handled while on site, and are segregated in properly labeled containers to indicate their contents. Incompatible wastes or materials are not anticipated to be stored in the warehouse container storage area. As shown on the site plan in Appendix E, ignitable/flammable wastes are stored at least 50 feet from the property line.

The container storage area has secondary containment in the form of a six inch wide by four inch high steel reinforced concrete curb with a 11.7' x 1.7' x 2.5' (382 gallons) collection trench. No more than 3,820 gallons of waste materials will be stored in the drum storage area at any time.

An example of the configuration for storage of containers is shown on the Floor Plan in Attachment E. Proper aisle space will be maintained and the drums will be stored no more than two high. Containers in the drum storage areas will be placed on pallets and moved with a forklift or pallet jack.

### E.3 Recordkeeping Requirements

In accordance with 40 CFR 264.73, Safety-Kleen maintains a manifest system, an operating log and biennial reports as described below.

#### E.3.1 Manifests

Safety-Kleen must implement the manifesting system required under 40 CFR 264.71. If the facility receives hazardous waste accompanied by a manifest, the branch manager or his designate shall do the following:

- a. Sign and date each copy of the manifest to certify that the hazardous waste covered by the manifest was received;
- b. Note any significant discrepancies in the manifest on each copy of the manifest;
- c. Within 30 days after the delivery, send a copy of the manifest to the generator;
- d. Retain, at the facility, a copy of each manifest for not less than 3 years from the date of delivery. (Safety-Kleen is typically the TSDf as well as the transporter so only one copy is kept on file); and
- e. Return a copy of the manifest to the director or his or her designee within a period of 10 days after the end of the month in which the waste was received.

The requirements described above do not apply to hazardous waste produced by generators of more than 100 kilograms but less than 1,000 kilograms in a calendar month if both of the following requirements are met:

- a. The waste is reclaimed under a contractual agreement pursuant to which the type and frequency of shipments are specified in the agreement and the vehicle used to transport the waste to the recycling facility and to deliver the regenerated material back to the generator is owned and operated by the reclaimer of the waste; and
- b. The generator maintains a copy of the reclamation agreement in his or her files for a period of not less than 3 years after termination or expiration of the agreement.

The facility will not receive bulk shipments of hazardous waste from a rail or water transporter.

When a shipment of hazardous waste is initiated from this facility, the branch manager or his designate must:

- a. Prepare a manifest before transporting the waste off-site;

- b. Designate on the manifest one facility which is licensed to handle the waste described on the manifest. The branch manager may also designate on the manifest one alternate facility which is licensed to handle his or her waste if an emergency prevents delivery of the waste to the primary designated facility;
- c. Use a transporter who is properly licensed under the act or a generator-owned vehicle licensed under the act to transport the waste; and
- d. If the transporter is unable to deliver the hazardous waste to the designated facility or the alternate facility, the generator shall either designate another facility or instruct the transporter to return the waste.

Except as described in the next paragraph, the branch manager shall use a manifest form approved by the director which contains all of the following information:

- a. A manifest document number;
- b. The generator's name, mailing address, telephone number, and EPA identification number;
- c. The name and EPA identification number of each transporter;
- d. The name, address, and EPA identification number of the designated facility and an alternate facility, if any;
- e. The description of the waste required by regulations of the DOT in the provisions of 49 CFR 172.101, 172.202, and 172.203;
- f. The total quantity of each hazardous waste by units of weight or volume, and the type and number of containers as loaded into or onto the transport vehicle;
- g. The hazardous waste number describing the waste;
- h. The following certification: "I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and applicable state regulations"; and
- i. Other certification statements required by the director based on requirements under title II of the solid waste disposal act.

If the facility manifests a shipment of hazardous waste out of state, and if the state to which the shipment is manifested requires the use of another manifest, then the generator shall use that manifest.

The branch manager or designee shall do all of the following when initiating a shipment:

- a. Sign the manifest certification by hand;
- b. Obtain the handwritten signature of the initial transporter and the date of acceptance on the manifest;
- c. Retain one copy for his files;
- d. Submit one copy to the director or his or her designee, which shall be postmarked no later than 10 days after the month in which shipment was made; and
- e. Give the remaining copies to the transporter.

When Safety-Kleen receives or ships hazardous waste, the branch manager or his designate must review the manifest and check the information on the manifest for correctness. It should be noted that Safety-Kleen prints most of the required information electronically on the majority of its manifests. The employee checking the manifest must review the names, addresses, EPA and New Mexico I.D. and transporter numbers, the manifest document number and the telephone numbers listed. In addition, the hazardous material (HM) box should be checked, the waste description, DOT classification, DOT I.D. number and EPA Waste Code must be verified. The number of containers and pounds, as well as the symbols for these units must be correct and an "H" must be entered in the last column. The generator, transporter(s) and TSD operator must print and sign their names and enter the date the waste was shipped or received, as appropriate.

Upon discovering a significant manifest discrepancy, the branch manager shall attempt to reconcile the discrepancy with the waste generator or transporter through telephone conversations or otherwise. If the discrepancy is not resolved within 15 days after receiving the waste, the branch manager shall immediately submit, to the director and regional administrator, a letter describing the discrepancy and attempts to reconcile it and a copy of the manifest or shipping paper with the discrepancy. Significant manifest discrepancies are differences between the quantity or type of hazardous waste designated on the manifest or shipping paper and the quantity or type of hazardous waste a facility actually receives, as follows:

- a. For bulk waste, significant discrepancies are variations of more than 10% in weight;
- b. For batch waste, a significant discrepancy is any variation in piece count, such as a discrepancy of one container in a truckload; and
- c. Significant discrepancies in type are obvious differences which can be discovered by inspection or waste analysis, such as waste solvent substituted for waste acid or toxic constituents not reported on the manifest or shipping paper.

### E.3.2 Operating Records

The operating record must include:

- a. a record of hazardous waste shipments rejected by the facility including the following:
  - (1) the name of the generator and transporter,
  - (2) the manifest number,
  - (3) the date the shipment was rejected, and
  - (4) the reason for rejection;
- b. personal training records for all current personnel; and
- c. The contents of the waste storage tank, the quantity of each waste received, and the date each period of accumulation begins (i.e., the date each waste solvent pickup occurs) must also be included in the operating record.

### E.3.3 Biennial Reports

A biennial report must be submitted by March 1 of each even numbered year. The biennial report shall be submitted on form 8700-13B. The report shall cover facility activities during the previous calendar year and shall include all of the following information:

- a. The EPA identification number, name, and address of the facility.
- b. The calendar year covered by the report.
- c. For off-site facilities, the EPA identification number of each hazardous waste generator from which the facility received a hazardous waste during the year, and, for imported shipments, the name and address of the foreign generator.
- d. A description and the quantity of each hazardous waste the facility received during the year. For off-site facilities, this information shall be listed by EPA identification number of each generator.
- e. The method of treatment, storage, or disposal for each hazardous waste.
- f. The most recent closure cost estimate under 40 CFR 264.142.
- g. The certification signed by the owner or operator of the facility or the owner or operator's authorized representative.

### E.4 Plant Operations: Potential Spill And Fire Sources And Control Procedures

Employees must perform their duties in the safest, most efficient manner possible and the

service center has been equipped to facilitate these activities. Containers of product or waste will be moved using a handcart or placed on pallets, and moved with a forklift or pallet jack. Upon arrival at the service center, containers of spent solvent must immediately be added to the storage tank or placed in the container storage area. Open containers of solvent must not be left unattended. Below are descriptions of situations which can result in accidents and the precautions taken to prevent their occurrences.

#### E.4.1 Potential Minor Spill Sources

The following is a list of activities that have the potential for a minor (one that can be remediated without assistance from a clean-up contractor) pollution incident:

- a. Pouring of drummed solvent into the drum washer dumpster--As the contents of the containers are poured into the drum washer dumpster, waste can splash out. Employee training emphasizes the importance of taking care in emptying the drums. The return and fill station is underlain by a concrete slab and curbing. This design will contain this type of spill.
- b. Filling of containers with solvent product--A low-pressure hose with an automatic shutoff valve, similar to those used at automotive service stations, is used to fill the containers with parts washer solvent. Leaking fittings, a damaged hose or carelessness could lead to spilling the solvent. Manual emergency shut-off valves are on each hose, should the equipment not function properly. In addition, employee training emphasizes the importance of inspection, maintenance and reporting of conditions with pollution incident potential.
- c. Moving of containers--When a container is moved, a potential exists for it to tip over. To minimize the potential for spillage of waste, containers must be maintained in an upright position and remain tightly covered while in storage or in transit.
- d. Delivery truck transfers--The cargo should be secured in the route vehicle with straps before transport. Individual containers of waste can tip over or be dropped when being moved on or off a delivery truck so transfers will be made using a handcart and a hoist, as necessary.

If a spill does occur, the amount of material in the containers is typically a quantity which can be collected with sorbent clay or pads. Any contaminated soil that results will be removed and shipped to a Safety-Kleen recycle center for proper processing.

#### E.4.2 Potential Major Spill Source

The following activities have the potential for a major (one for which remedial action will require assistance) pollution incident:

- a. Overfilling of storage tanks--Both product and spent solvent tanks can be overfilled with a resulting discharge of material. A high level alarm and daily checks of tank volumes will prevent this type of incident.
- b. Leaking pipelines--The pipelines and other equipment present a potential for leaks and resultant pollution. Regular inspection of this equipment and the solvent inventory will detect any leaks.

#### E.4.3 Potential Fire Sources

The following is a list of fire prevention and minimization measures:

- a. All wastes and products are kept away from ignitable sources--Personnel must confine smoking and open flames to remote areas, separate from any solvent (e.g., the office or locker room). The solvent handling area and the aboveground storage tanks are separated from the warehouse building area to minimize the potential for a fire to spread or injury to personnel to occur.
- b. Ignitable wastes are handled so that they do not:
  - (1) become subject to extreme heat or pressure, fire or explosion, or a violent reaction--The solvent waste and other wastes are stored in a tank or in containers, none of which are near sources of extreme heat, fire, potential explosion sources or subject to violent reactions. The tanks are vented and the containers are stored at room temperature to minimize the potential for pressure build up;
  - (2) produce uncontrolled toxic mists, fumes, dusts or gases in quantities sufficient to threaten human health--The vapor pressure of S-K solvents is low (2 mm) and it is reactive with strong oxidizers only. Toxic mists, fumes, dusts or gases will not form in quantities sufficient to threaten human health since strong oxidizers are not handled at this facility and the solvent vaporization will be minimal under normal working conditions;
  - (3) produce uncontrolled fires or gases in quantities sufficient to pose a risk of fire or explosion--See 'a' above and 'c' below; or
  - (4) damage the structural integrity of the Safety-Kleen facility--The parts washer solvents or other containerized wastes will not cause deterioration of the tank, containers or other structural components of the facility.
- c. Adequate aisle space is maintained to allow the unobstructed movement of personnel, fire protection equipment, and decontamination equipment to any area of the facility operation in an emergency.

- d. "No Smoking" signs are posted in areas where solvents are handled or stored.
- e. Fire extinguishers must be checked once per week and tested by the fire extinguisher company once per year.

#### E.5 Tank Evaluation and Repair Plan

The product and waste solvents stored in the tanks at this facility are compatible with the carbon steel structure. If, during the daily inspection, corrosion is noted on the tank systems, it will be removed from service and be repaired. If corrosion is significant and localized, the tank will be immediately taken out of service and repaired, (e.g., a patch welded over the corroded area). Should the corrosion of the vessel be extensive or if the tank is found to be leaking, the vessel will be immediately taken out of service and replaced. In the case of a tank which leaks outside of the dike, the facility's contingency plan will be implemented if necessary. Any extensive repairs to the tank system will be assessed and certified by an independent engineer before the system is returned to use.

Each valve, flange, and pump that is associated with the hazardous waste tanks and their ancillary equipment must be marked and listed on the respective air monitoring equipment inventory form. A site drawing (Attachment E) shows the locations and the numbers of the equipment. Compliance with standard 264.1058 (Subpart BB) will be achieved through facility inspections each operating day and if required, leak detection monitoring and repair will be conducted. Records of equipment monitoring and repair are maintained on the inspection form, which is in the facility operating record. If a potential leak is discovered, by visual inspection or excessive odor, it will be noted on the inspection form, repaired immediately or as soon as possible, and not used again until all requirements of 264.196 are satisfied. The leak detection and repair record must be kept in a file at the branch

#### E.6 External Factors

The design of the facility is such that a harmful spill is highly unlikely to occur from most external factors. The storage tanks are accessible only to Safety-Kleen personnel and the pump switches are located inside the secured fenced area. Also, the container storage area is in a building which is accessible only to Safety-Kleen personnel.

- a. Vandalism - Only extreme vandalism would result in a solvent spill or fire. Responses to spills and fires are described in the contingency plan.
- b. Strikes - A strike would not result in a solvent spill or fire.
- c. Power failure - A power failure would not result in a spill or fire. Should a power failure occur, all activities requiring electricity will cease (e.g. pumps will be deactivated).
- d. Flooding - The site elevation is above the projected 100-year flood plain; therefore, a 100-year flood will not affect the facility.

- e. Storms or Cold Weather – No storm, snow, or other precipitation event will affect the facility.

#### E.7 Internal And External Communications And Alarm Systems

Because the facility is small, internal communication within the building and the return/fill area is accomplished by voice. An alarm located on the loading dock alerts employees to a potential problem. Telephones will be used to report a spill or a fire and to summon assistance from local and state emergency response agencies. Emergency phone numbers of local and state emergency response teams are posted by each phone located in the office. Included in these phone numbers is the 24-hour telephone number which can be used to contact Safety-Kleen's environmental response coordinators. Releases to the environment will be reported within 24 hours as required by permit condition Module I, Section E.13 and Permit Attachment F, The Contingency Plan.

**ATTACHMENT E.1**  
**FACILITY DRAWINGS**

**March 28, 2013**

**Farmington, NM**

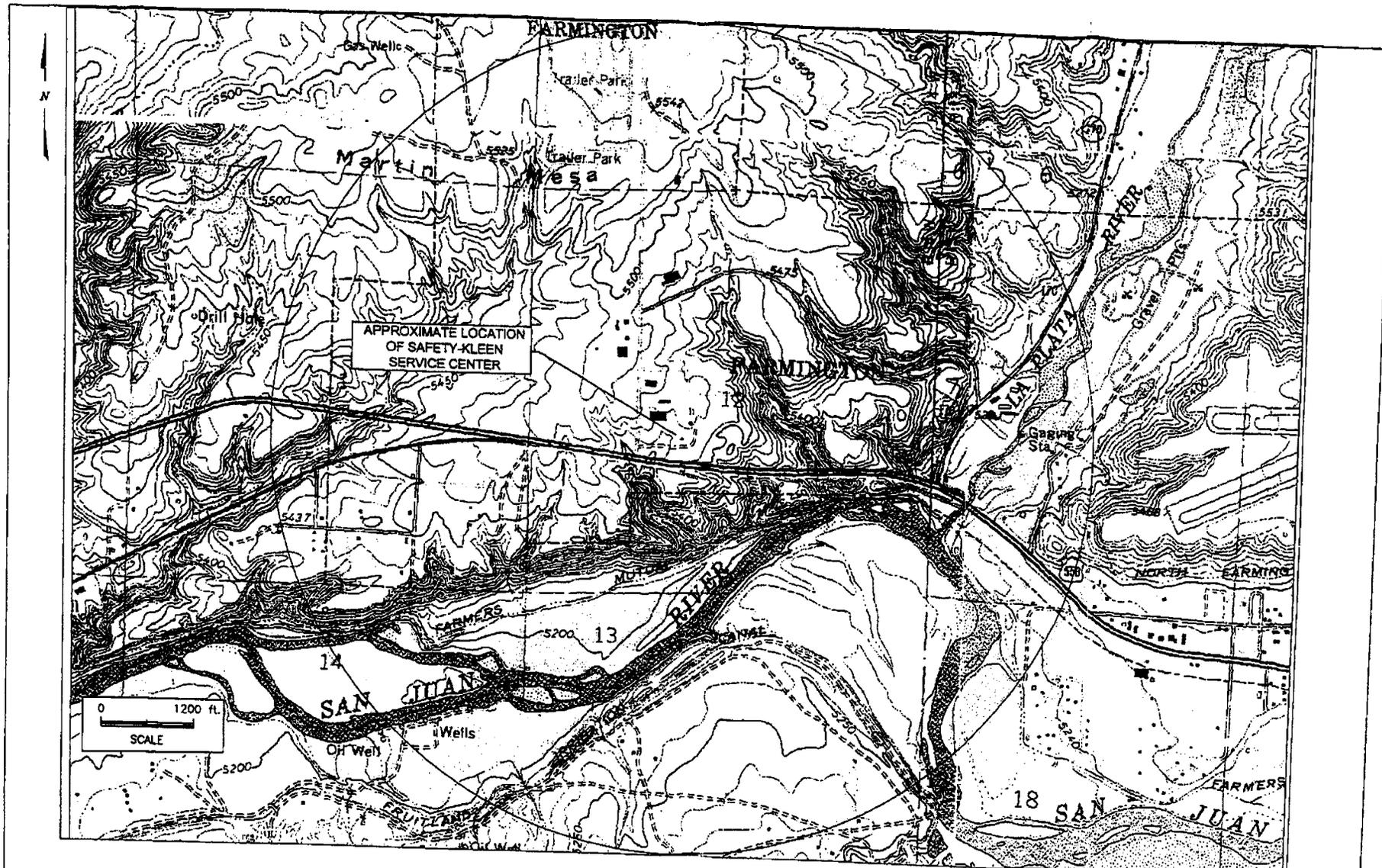
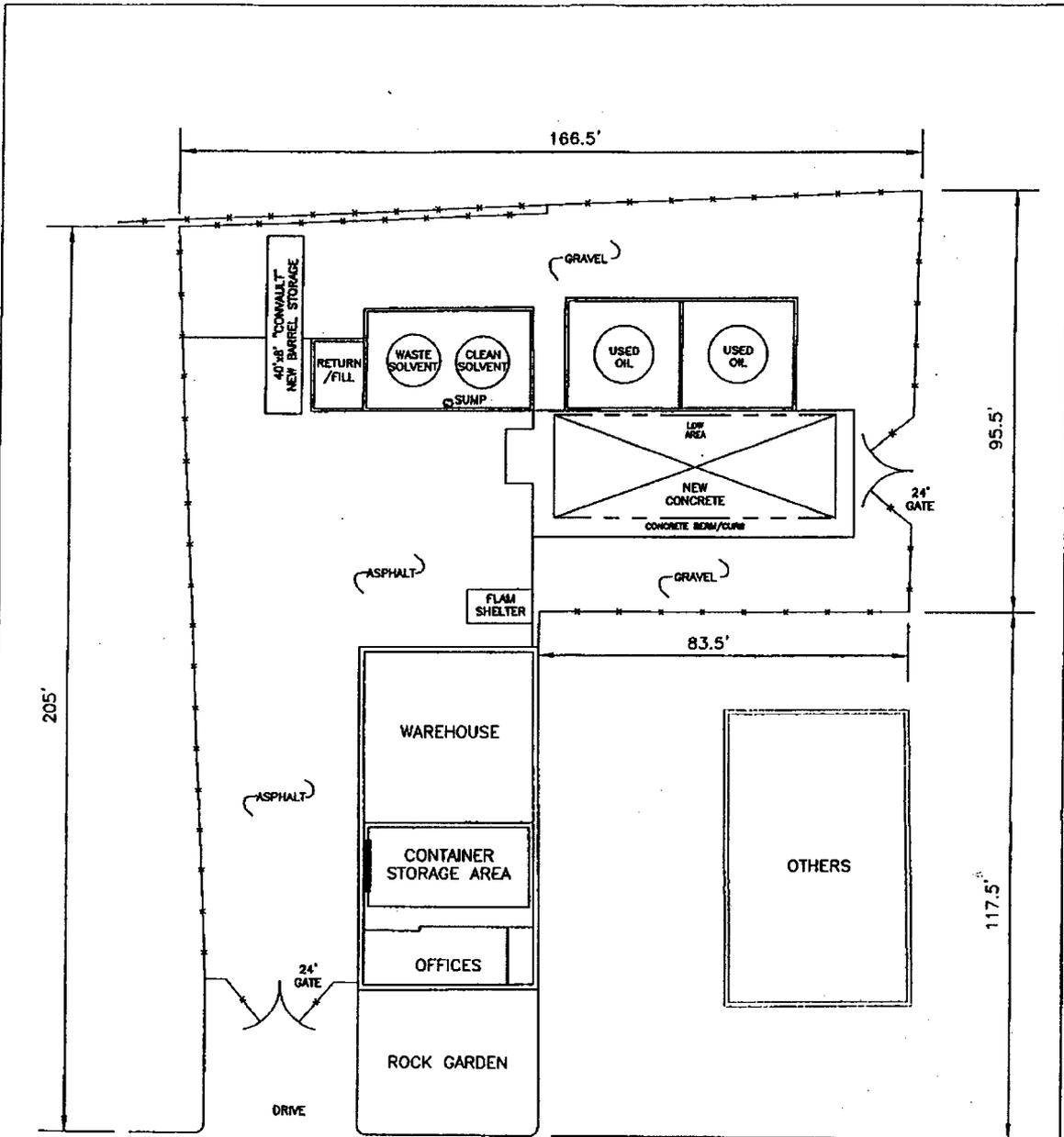


FIGURE 2 : TOPOGRAPHIC MAP, 1 MILE RADIUS, SAFETY-KLEEN SYSTEMS, INC. SERVICE CENTER, FARMINGTON, NEW MEXICO

CONTOUR INTERVAL = 10 FT. USGS PhotoRevised 1979

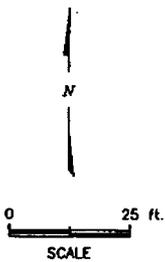






HAWKINS RD.

A Trihydro Corporation representative conducted a field inspection to verify construction, equipment, components, dimensions and existing conditions on February 28, 2001. Items inaccessible to visual observation were not field verified during inspection. Notes have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.



REVISIONS	
Date	By



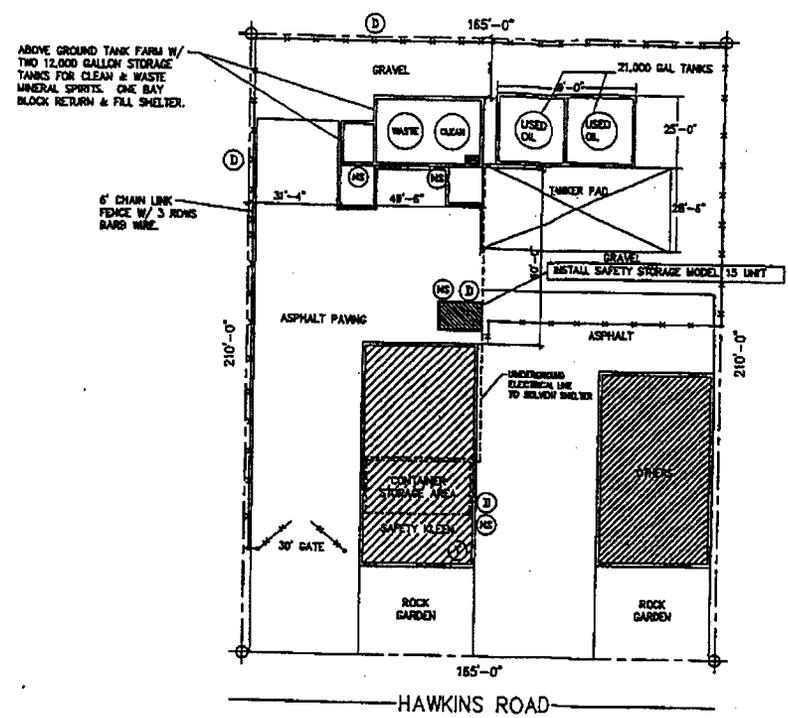
FIGURE 1  
SITE PLAN  
4210A HAWKINS RD.  
FARMINGTON N.M.



Drawn By: DJR    Checked By: BC    Scale: SHOWN    Date: 03/16/01    Reference: 333SITE

**GENERAL NOTES**

THE DRAWING CONTAINS INFORMATION PROPRIETARY TO SAFETY-KLEEN CORP. ANY REPRODUCTION, STORAGE OR USE OF THE DRAWING IS EXPRESSLY PROHIBITED EXCEPT BY SAFETY-KLEEN OR AS SAFETY-KLEEN MAY AGREE IN WRITING.



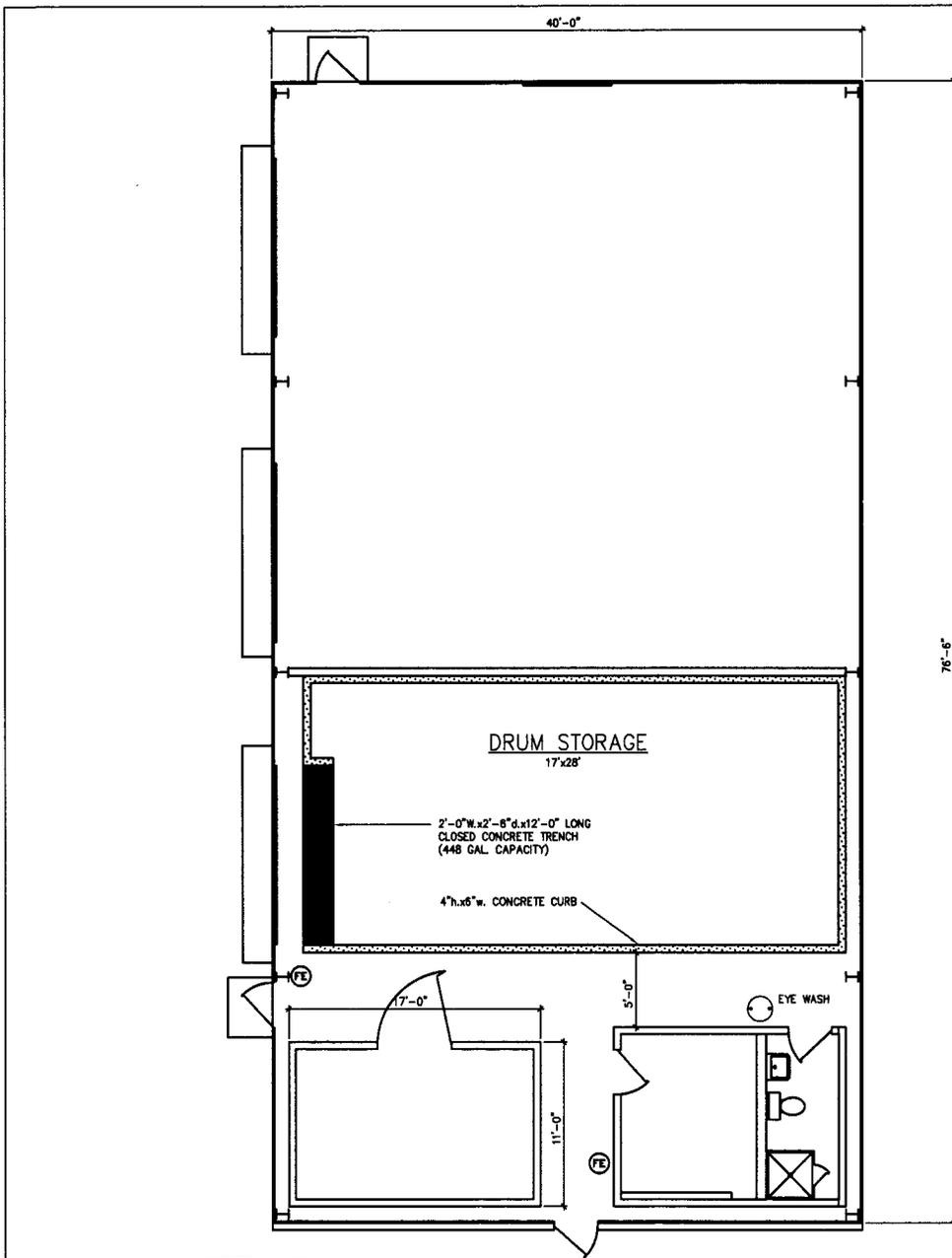
- (T) (T) - TELEPHONE
- (FE) (FE) - FIRE EXTINGUISHER (TYPICAL 10# ABC)
- (FA) (FA) - FIRST AID STATION
- (D) (D) - "DANGER" SIGN
- (NS) (NS) - "NO SMOKING" SIGN
- (CS) (CS) - "CORROSIVE" SIGN
- NEW ———— EXISTING

4210A Hawkins Road  
08-13-02

REVISIONS		DATE		BY		CHK		APPV		DATE		REVISED BY		DATE		BY		CHK		APPV		DATE	
02	REMOVE FENCING, FLAG SHEET, OIL TANK FARM AND TANKER PAIL																						
01	REMOVE TANKS AND BUNDLES, BUNDLES EXPANSION BY A/C AND RECONSTRUCTION OF TANKS TO 12,000																						
00	REMOVE SAFETY BLEND BUNDLES IN AREA AS SHOWN, REPLACE SAFETY BLEND BUNDLES																						
03	REPLACE SAFETY BLEND BUNDLES																						

PLOT DATE: 1-14-07

TITLE  
 00-4200 HAWKINS ROAD  
 8-13-02  
**S** SAFETY-KLEEN CORP.  
 777 BE WALKER ROAD, ALLENDALE, PA 19002-1000  
 FARMINGTON, N.J. 700821-0001-01



**GENERAL NOTES**

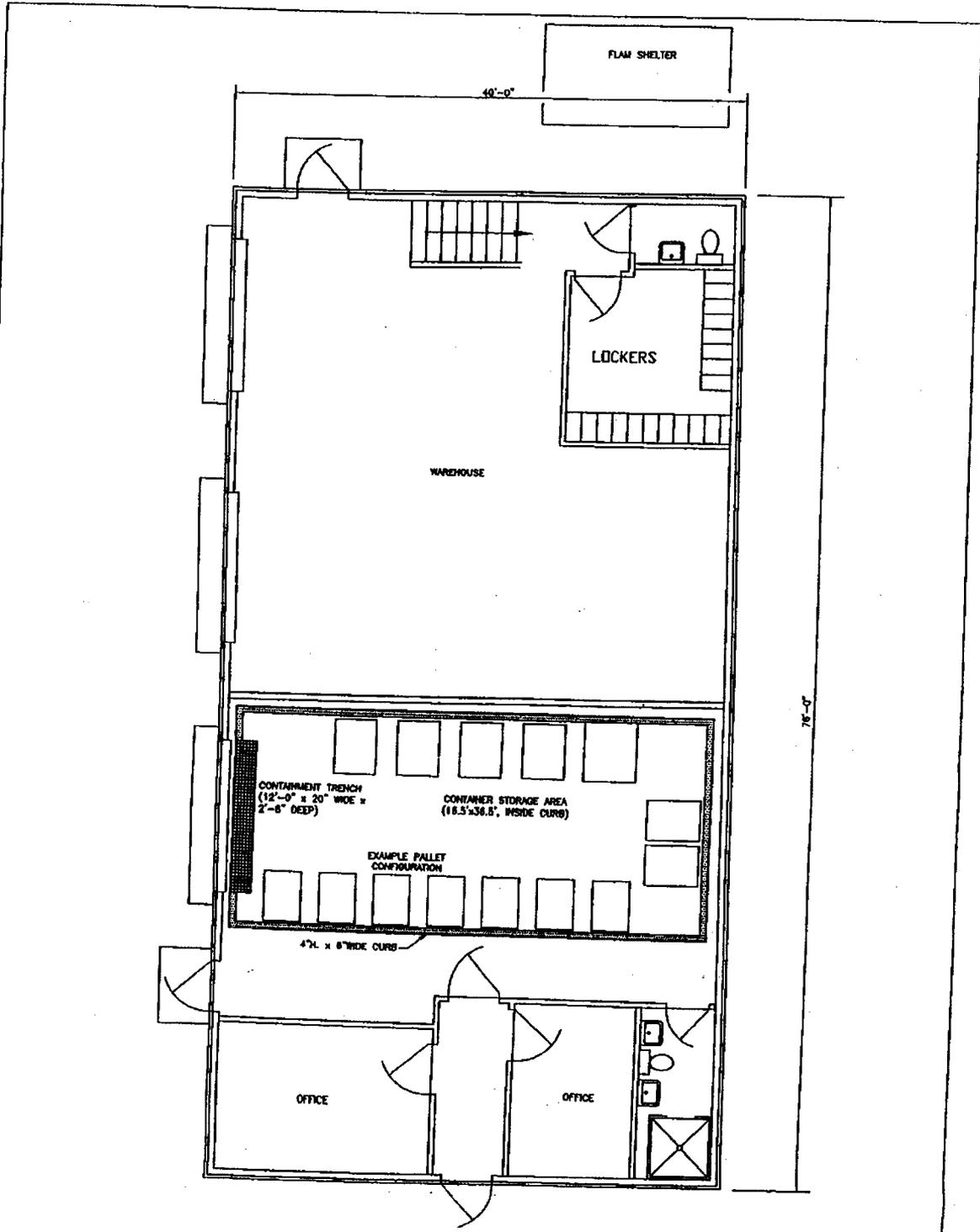
THIS DRAWING CONTAINS INFORMATION PROPRIETARY TO SAFETY-KLEEN CORP. ANY REPRODUCTION, DISCLOSURE OR USE OF THIS DRAWING IS EXPRESSLY PROHIBITED EXCEPT BY SAFETY-KLEEN OR AS SAFETY-KLEEN MAY AGREE IN WRITING.



- (T) (T) - TELEPHONE
- (FE) (FE) - FIRE EXTINGUISHER (TYPICAL 10# ABC)
- (FA) (FA) - FIRST AID STATION
- (D) (D) - 'DANGER' SIGN
- (NS) (NS) - 'NO SMOKING' SIGN
- (COR) (COR) - 'CORROSIVE' SIGN
- NEW ——— EXISTING

TITLE											
FLOOR PLAN											
<b>S SAFETY-KLEEN CORP.</b>											
<small>777 86 THREE ROAD CLARK, ILLINOIS 62401 PHONE 708-977-6446</small>											
00	REVISED SAFETY KLEEN DRAWING TO CAD AS DATED	ALL			2-25-91	SCALE	BY	CHKD	P.L. APPR	DP. APPR	DATE
01	REPLACES SAFETY KLEEN DRAWING D-10239					1/4"=1'-0"	VEY				9-25-87
NO.	DESCRIPTION	BY	CHK	APPR	DATE	SERVICE CENTER BRANCH AT				STD-DWG-REV. NO.	
						FARMINGTON, N.M.				708821-7081-00	
<small>REVISED 04</small>											

PLOT DATE: 4-8-91



A Trihydro Corporation representative conducted a field inspection to verify construction, equipment, components, dimensions and existing conditions on February 28, 2001. Items inaccessible to visual observation were not field verified during inspection. Notes have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.



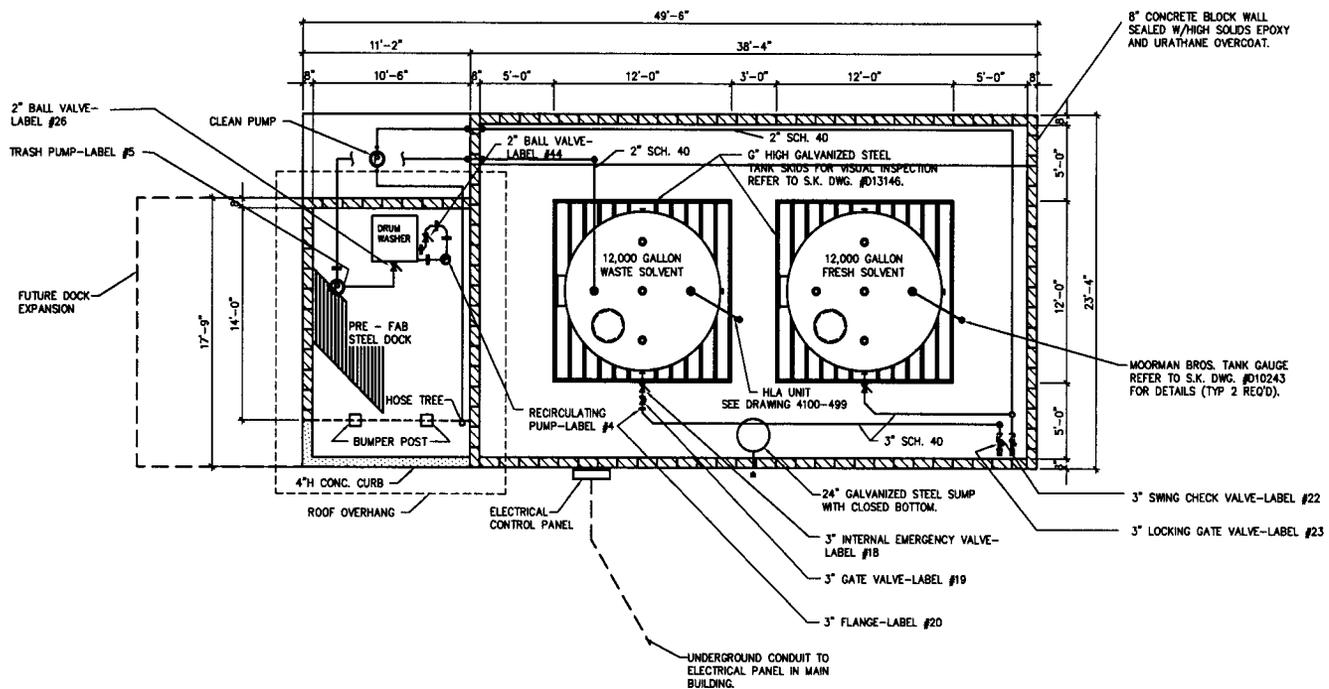
REVISIONS	
Date	By



**FIGURE E-3**  
**WAREHOUSE AND CONTAINER STORAGE AREA FLOOR PLAN**  
 4210A HAWKINS RD.  
 FARMINGTON, N.M.

**SAFETY-KLEEN SYSTEMS, INC.**  
2511 North 20th Street, Suite 200, Farmington, NM 87401

Drawn By: DJR | Checked By: BC | Scale: SHOWN | Date: 03/22/01 | Reference: 3338LDC



<b>DIKE VOLUME CALCULATION</b> - 12,000 GAL. STORAGE TANK (DIKE HEIGHT 3'-0")	CALC2
<b>FORMULAE USED:</b>	
$(\pi r^2 H) \times (7.48 \text{ GAL./S.C.U. FT.}) = \text{TANK DISPLACEMENT VOLUME (GAL.'S)}$	
$(L \times W \times H) \times (7.48 \text{ GAL./S.C.U. FT.}) = \text{DIKE VOLME (GAL.'S)}$	
r (TANK RADIUS) = 6'-0"	
L (DIKE LENGTH) = 37'-0"	
W (DIKE WIDTH) = 22'-0"	
H (DIKE HEIGHT) = 3'-0"	
<b>DIKE VOLUME:</b> (44.08 FT.) (20.5 FT.) (3.0 FT.) (7.48 GAL./S.C.U. FT.)	= 18,266 GAL.(+)
<b>VOLUME OF LARGEST TANK WITHIN DIKED AREA:</b>	= 12,000 GAL.(+)
<b>TANK DISPLACEMENT VOLUME:</b>	
$(\pi (5.25 \text{ FT.})^2 (3.0 \text{ FT.}) (7.48 \text{ GAL./S.C.U. FT.}) \times 1 \text{ TANK}$	= 2,115 GAL.(+)
<b>RAINFALL ALLOWANCE 25 YR. 24 HR. AVERAGE (4.5")</b>	= 2,283 GAL.(+)
<b>TOTAL (EXCESS)</b>	= 668 GAL.

**PROPRIETARY STATEMENT**

THIS DRAWING IS THE EXCLUSIVE PROPERTY OF SAFETY-KLEEN SYSTEMS, INC. AND IS PROPRIETARY AND CONFIDENTIAL INFORMATION. THIS DRAWING AND THE INFORMATION CONTAINED THEREIN MUST NOT BE DUPLICATED, COPIED, REPRODUCED, COPIED, REPRODUCED OR APPROPRIATED IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN AS EXPRESSLY AUTHORIZED BY SAFETY-KLEEN SYSTEMS, INC. THIS DRAWING MUST BE RETURNED PROMPTLY UPON REQUEST.

1300 Deane Industrial Drive • Suite 200 • Columbia, MD 21046  
 Phone: (302) 443-7100 • Fax: (302) 443-7101

TITLE  
**TANK FARM PLAN**  
 4200A HAWKINS RD.

NO.	DESCRIPTION	BY	CHK.	APPR.	DATE
02	ADD HLA UNIT TO WASTE TANK	JK	SK	SK	7-1-98
01	ADDED VALVE TAGGING ON WASTE LINE	AU			5-22-97
00	REVISED SAFETY KLEEN DRAWING TO CARD AS DATED. REVISED S.K. DWG. 9-13793	ALU			

**SAFETY-KLEEN SYSTEMS INC.**  
 2400 LEXINGTON BL. CLAYTON, NJ 08809  
 908-669-5740

SCALE	BY	CHK.	APPR.	DATE
3'-1-0" = 1'-0"	ALU			12/99

REVISIONS  
 FARMINGTON, NJ  
 7133-4100-800-02

**ATTACHMENT E.2**  
**TANK SYSTEM CERTIFICATION**

**March 28, 2013**

**Farmington, NM**



# TERA, inc.

6440 Hillcroft, Suite 200  
P.O. Box 740038, Houston, Texas 77274, Tel. 713/772-0876, Fax: 713/981-7713

90-150

## TANK SYSTEM CERTIFICATION

I have conducted the design and integrity assessment dated July 5, 1990, of the used solvent storage tank system at the Safety-Kleen Corp. facility in Farmington, New Mexico. The EPA ID Number for this facility is: NMD 000804294.

With regard to this duty, I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all related attachments and that, based on my observations and my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

John W. Cox

Registered Professional Engineer

New Mexico No. 10317

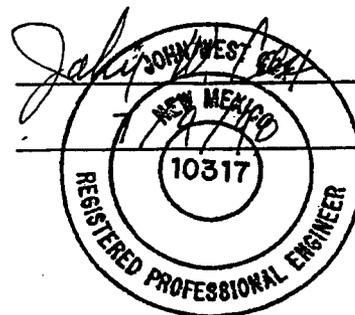
TERA, Inc.

P. O. Box 740038

Houston, Texas 77274

Signed: \_\_\_\_\_

Date: \_\_\_\_\_





# TERA, Inc.

6440 Hillcroft, Suite 200  
P.O. Box 740038, Houston, Texas 77274, Tel. 713/772-0876, Fax: 713/981-7713

July 5, 1990  
90-150

SAFETY-KLEEN CORP.  
777 Big Timber Road  
Elgin, Illinois 60123

Attention: Mr. Rob Omiecinski

Subject: Design and Integrity Assessment  
Used Solvent System  
Farmington Branch

Gentlemen:

Submitted here is our assessment report for the used solvent storage tank system at your Farmington facility. The main report body summarizes assessment results in a format corresponding to the rules being addressed. Appendices are used for presenting detailed information.

We have enjoyed working with you on this interesting project and look forward to another opportunity to be of service to Safety-Kleen. Please contact us at 713/772-0876 if you have any questions.

Very truly yours,

TERA, Inc.

John W. Cox, Ph.D., P.E.  
Vice President

JWC/sv

Enclosures: Five (5) copies

Copy to Mr. Wayne Olson w/Enclosure



DESIGN AND INTEGRITY ASSESSMENT  
USED SOLVENT STORAGE TANK SYSTEM  
FARMINGTON, NEW MEXICO, BRANCH

\* \* \*

To

SAFETY-KLEEN CORPORATION

\* \* \*

By

TERA, Inc.  
Houston, Texas

July 1990

TABLE OF CONTENTS

<u>Title</u>	<u>Page No.</u>
SYSTEM DESCRIPTION.....	1
CONSIDERATIONS OF DESIGN ASSESSMENT.....	2
1. Design Standards.....	2
2. Hazardous Characteristics of the Waste.....	3
3. Corrosion Protection.....	4
4. Documented Age of System.....	4
5. Additional Design Considerations.....	5
INTEGRITY ASSESSMENT.....	5
SECONDARY CONTAINMENT ASSESSMENT.....	5
CONCLUSIONS OF ASSESSMENTS.....	9

## ILLUSTRATION

<u>Title</u>	<u>Plate No.</u>
System Schematic.....	1

## APPENDICES

- A. Design Documentation
- B. Design Review
- C. Description of Waste
- D. Inspection Records

This report documents the design and integrity assessment for a used solvent storage tank system at the Safety-Kleen facility in Farmington, New Mexico. The assessments described here are written to address the requirements of 40 CFR 264.191 and 40 CFR 264.193. These sections have been adopted entirely in Part VI of the Hazardous Waste Management Regulations of the New Mexico Environmental Improvement Board (EIB/HWMMR-5).

#### SYSTEM DESCRIPTION

Used mineral spirits solvent is poured from containers into an open-top aboveground steel solvent return receptacle (wet dumpster). The used solvent is pumped from the dumpster through aboveground piping to a nearby 12,000-gallon capacity steel storage tank. Accumulated used solvent and sludge are periodically removed from this "used solvent storage tank" for offsite recycling. Solvent removal is performed by a tank truck through a 3-inch pipe. Sludge and solids are removed through a manway.

The storage tank is a vertical cylinder with a shallow cone roof and a flat bottom. The tank is supported on a skid of galvanized steel rectangular tubes. The dumpsters and pump are located within a curbed concrete containment area in an adjacent "dump and fill" dock. The used solvent storage tank is vented to the atmosphere. Liquid level is monitored daily by reading a level indicator. A schematic drawing of the used solvent storage system is shown on Plate 1.

CONSIDERATIONS OF DESIGN ASSESSMENT

## 1. Design Standards (40 CFR 264.191(b)(1))

Design standards and materials of construction were determined from construction drawings for the system. Information made available for this purpose is listed in Appendix A.

The tank system design has been reviewed for compliance with the following applicable codes:

- National Fire Protection Association, NFPA 30, Flammable and Combustible Liquids Code, 1987 Ed. (tank and piping)
- American Petroleum Institute, API 12F, Specification for Shop Welded Tanks for Storage of Production Liquids (tank)
- Hydraulics Institute Standards (pump)
- American Concrete Institute, ACI 318-89, Building Code Requirements for Reinforced Concrete (containment slab floor)
- American Concrete Institute/American Society of Civil Engineers, Building Code Requirements for Masonry Structures, ACI 530-88/ASCE 5-88 (containment walls)
- American Petroleum Institute, API 650, Appendix E (tank seismic response analysis)
- American National Standards Institute, ANSI A58.1-1982 (tank wind response analysis)

The dumpster design has been developed by Safety-Kleen's engineering staff and incorporates the experience of over 15 years of operating service. Standards are internal to the Company and are expressed mainly by their fabrication drawings. Appendix A contains a copy of the dumpster assembly drawing and a letter from Safety-Kleen's engineering manager giving the service history of this equipment.

CONSIDERATIONS OF DESIGN ASSESSMENT (Continued)

## 1. Design Standards (40 CFR 264.191(b)(1)) (Continued)

Calculations, discussion and checklists which evaluate compliance with these codes are given in Appendices B and D. The design review shows that:

- The design substantially conforms to the standards referenced above;
- The design standards are appropriate for this application.

Descriptions of typical coating materials and application procedures used by Safety-Kleen are referenced in Appendix A. This information indicates that the materials should be satisfactory for the intended service, provided recommended procedures are followed by the applicator.

The conclusion upon review of the documents is that the design of the used solvent storage tank system is appropriate for the intended service.

## 2. Hazardous Characteristics of the Waste (40 CFR 264.191(b)(2))

The waste stored in this system is a used mineral spirits (petroleum distillate) solvent from a variety of cleaning and degreasing operations. A description of the expected waste materials is attached in Appendix C.

The material will be two-phase (liquid and sludge) at ambient temperatures. Its primary hazardous characteristic is ignitability, EPA hazard code I. Materials such as heavy metals from cleaning operations may also cause the used solvent and/or sludge to exhibit the characteristic of EP toxicity, EPA hazard code E.

### 3. Corrosion Protection (40 CFR 264.191(b)(3))

The exterior of the dumpster is protected from corrosion by paint. Pipes outside the dump and fill shelter are galvanized and painted for protection from weather. Inside piping is either galvanized or left with its mill finish. Both have proven to be adequate corrosion protection under roof. The exterior of the steel tank is protected by a paint coating. As described by the inspection record and photographs of Appendix D the tank paint was found to be in a satisfactory condition.

System components are not provided with any specific internal corrosion protection measures. Review of the chemical composition of the waste material shows it to be compatible with and not corrosive to the dumpster, piping, and tank materials. A possible exception is water which tends to form a layer at the bottom of the tank. However, corrosion at the tank wall/water interface is inhibited because of limited free oxygen in the waste, together with waste removal procedures by Safety-Kleen which result in little if any exposure of this interface to air. Additionally, prior experience at other Safety-Kleen installations indicates that the waste material is compatible with the system materials of construction.

It is therefore concluded that the waste materials are sufficiently compatible with the system materials of construction not to require additional corrosion protection.

No external metal component will be in contact with soil or water. Therefore, the tank system does not require cathodic protection.

### 4. Documented System Age (40 CFR 264.191(b)(4))

The fabricator's nameplate on the tank shows the tank was fabricated in 1981. Safety-Kleen personnel recall that the tank system

4. Documented System Age (40 CFR 264.191(b)(4)) (Continued)

was also installed in 1981. Based on this information the system age is taken to be nine (9) years at the time of this assessment.

5. Additional Design Considerations

No underground components are used in this system, and no adverse effects from vehicular traffic have been identified. The dumpsters are separated from vehicles by concrete filled steel pipes embedded in reinforced concrete. The storage tank is located within the walls of the secondary containment system. Piping not within secondary containment has welded joints.

The tank foundation appears to be adequately designed to support the load of a full tank, and there was no sign of distress due to frost heave. Anchorage is not required to resist anticipated seismic or wind loads. The tank system is not located in a saturated zone.

INTEGRITY ASSESSMENT (40 CFR 264.191(b)(5))

Visual inspection of system components was made on June 13, 1990. The purpose of this inspection was to confirm compliance with plans and to identify leaks, defects or damage. Inspection records are presented in Appendix D and show that the only corrective actions needed are to ground the tank and remove the padlock from the emergency vent cover. Ancillary equipment was found to be adequately supported and protected from damage.

SECONDARY CONTAINMENT ASSESSMENT

The following paragraphs give a comparison of the containment system features to current requirements. For brevity, "secondary containment" as used here means features that meet the requirements of 40 CFR 264.193.

SECONDARY CONTAINMENT ASSESSMENT (Continued)

## 1. Required Date (40 CFR 264.193(a))

This system was placed in service in 1981. Secondary containment is required by regulations in 1996.

## 2. Materials Compatibility (40 CFR 264.193(c)(1))

The waste material collected and stored by the system is a used mineral spirits solvent which consists primarily of mineral spirits plus water, solids, oil, and grease picked up in various cleaning and degreasing operations. The primary hazardous characteristic of the waste is ignitability. Based both on literature and on Safety-Kleen's past experience, this material is compatible with and not corrosive to the materials of construction. These are primarily concrete, carbon steel, and polyurethane and epoxy coatings.

## 3. Strength (40 CFR 264.193(c)(1))

The most critical strength requirement for the floor slab of the tank containment structure is to provide foundation support for the clean and used solvent tanks when full. As shown by the calculations in Appendix B, and by satisfactory service, the strength of the floor slab appears to be adequate.

The most critical strength requirement for the containment walls is to resist hydrostatic pressure from containment of 12,000 gallons of spilled waste plus a 25-year, 24-hour rainfall. As shown in Appendix B, the concrete masonry unit wall construction appears to be adequate for this purpose.

3. Strength (40 CFR 264.193(c)(1)) (Continued)

The pressure containment capacity of the pump, piping and other ancillary equipment items was reviewed and found to be adequate for the intended service, as discussed in Appendix B.

4. Foundation (40 CFR 264.193(c)(2))

As shown in Appendix B, the foundation support provided by the floor slab appears to be sufficient to avoid failure of the containment structure due to settlement, compression, uplift and pressure gradients. This conclusion is supported by satisfactory service of the foundation to date.

5. Leak Detection (40 CFR 264.193(c)(3))

All components of this system are aboveground and accessible for visual inspection. Leak detection is provided by daily visual inspection of the containment system for prompt detection of leaks and removal of liquids if required.

6. Liquid Removal (40 CFR 264.193(c)(4))

A blind sump is located at mid-length of the south wall of the containment vault. The vault floor is sloped to promote drainage to this point. Liquid removal is accomplished by hand pump or vacuum truck.

7. Requirements for Vault System (40 CFR 264.193(d) and (e)(2))

As shown on page B-1 of Appendix B, the containment vault for the tank has a design capacity sufficient to hold 100 percent of the tank capacity plus precipitation from a 6.8 inch rainfall. According to Weather Bureau Technical Paper No. 40, the 25-year, 24-hour design

7. Requirements for Vault System (40 CFR 264.193(d) and (e)(2))

(Continued)

rainfall at this site is 2-1/2 to 3 inches. Thus, containment capacity is more than required by 264.193(e)(2)(ii).

Interior concrete surfaces have been coated with a polyurethane epoxy paint. Based on manufacturer's literature and previous experience at other Safety-Kleen facilities, the paint appears to be impermeable to and compatible with the waste to be stored.

Both containment areas (dump and fill curbed area and concrete tank vault) are well ventilated and open to the atmosphere. This feature, together with daily inspections minimize the opportunity for accumulation of explosive vapors.

The containment structures are not subject to external hydrostatic pressures. These could only come from beneath the concrete slabs, and surrounding topography makes this an unlikely event.

8. Ancillary Equipment (40 CFR 264.193(f))

As shown on page B-2 of Appendix B, the curbed containment area for the dump and fill dock has adequate capacity to contain the entire contents of a full dumpster.

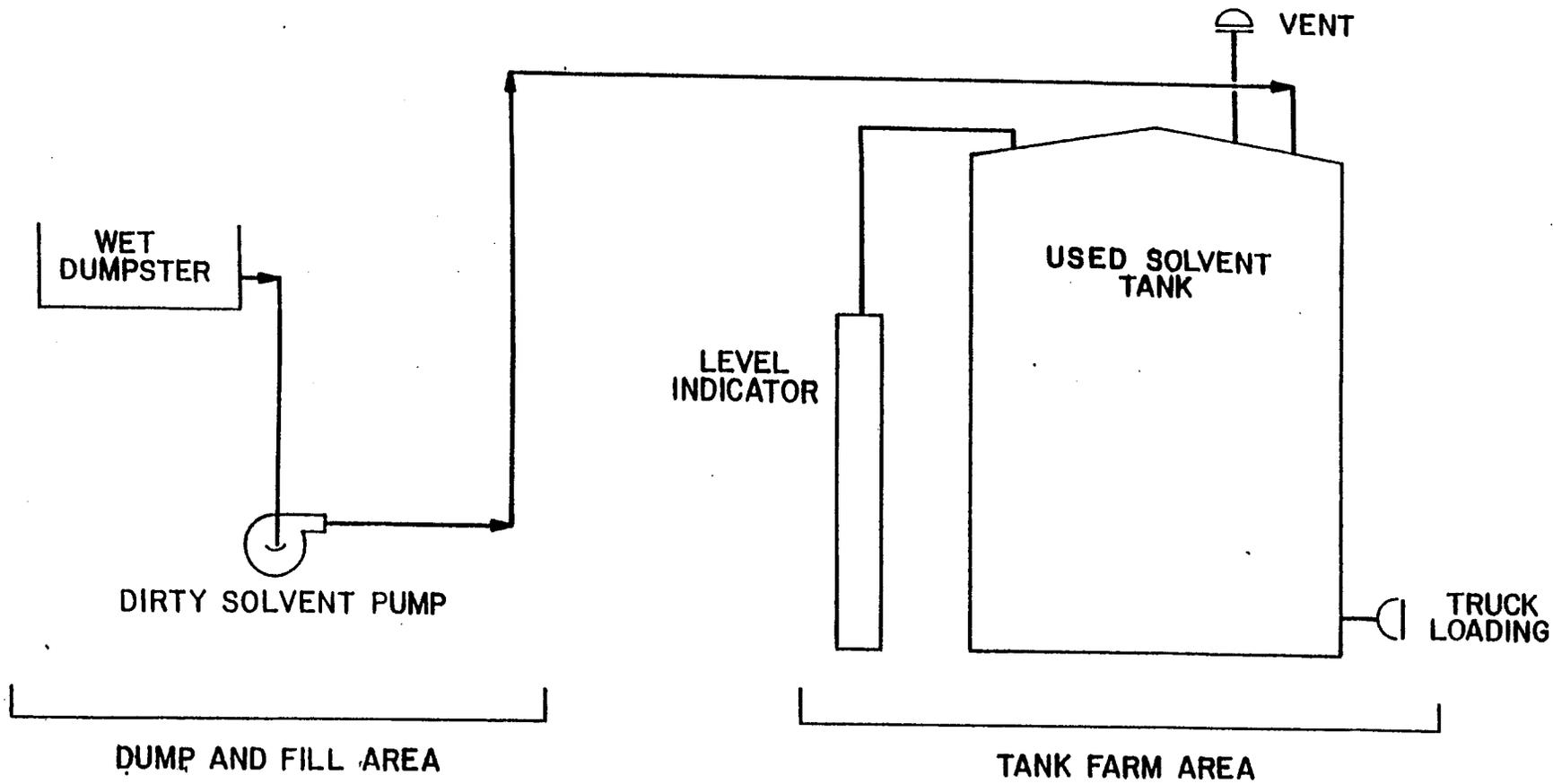
The piping and pump of this system are aboveground. The pump and all non-welded piping joints are located within (or above) the concrete containment structures. The pressure containment capacity, support and protection of ancillary equipment appears to be satisfactory.

CONCLUSIONS OF ASSESSMENTS

Based on the information presented in this report, the used solvent storage tank system at Safety-Kleen's facility in Farmington, New Mexico, appears to be designed to have adequate structural strength and compatibility with the wastes being handled. The system was found to be structurally sound; was not leaking or threatening to leak to the environment; and has adequate secondary containment for the tank and its ancillary equipment.

When the corrective actions named above are complete the tank system will be in compliance with 40 CFR 264.191 and 40 CFR 264.193, the governing rules for these assessments.

ILLUSTRATION



SYSTEM SCHEMATIC

APPENDIX A  
Design Documentation

## APPENDIX A

Design Documentation

The following drawings and other design data were provided by Safety-Kleen to describe the used solvent tank system design. These were used in the design and integrity assessment. Those marked \* are included in this appendix.

<u>Title</u>	<u>Plate No.</u>
* Site Plan, Farmington, NM Branch, D13712.....	A- 1
* Floorplan Showing Various Improvements to Building, Satellite Branch, Farmington, NM, D10239.....	A- 2
* Tank Farm Plan, Farmington, NM Branch, D13713.....	A- 3
* Typical Concrete Construction Details, D11322..... Tank Skid, D13146 High Level Alarm System Details, D13102 Used Solvent Storage Tank Installation Details, D11124	A- 4
* Solvent Pump Piping Installation Details, D11150.....	A- 5
* Dumpster Final Assembly Details, D10450.....	A- 6
* Safety-Kleen Letter re Standard Dumpster Design and Performance..... Dumpster Valve and Hose Assembly, D10452	A- 7
* Emergency & Gate Valve Installation Details, C11302..... Aboveground Vertical Tank Anchoring Assembly Details, C10262	A- 8
* Moorman Bros. Tank Gauge Installation, A10243.....	A- 9
* Coating Information Letter, 7/31/89..... Carboline, Sikaflex, Federal International Chemicals, and DuPont Coating Product Data Sheets	A-10

## APPENDIX B

Design Review

<u>Title</u>	<u>Page No.</u>
Containment Capacity Calculations.....	B- 1
Foundation Calculations.....	B- 3
Containment Wall Calculations.....	B- 4
Tank Venting Calculations.....	B- 5
Earthquake Calculations.....	B- 6
Wind Load Calculations.....	B- 7
Piping System Review.....	B- 8
NFPA-30 Compliance Checklist - Tank.....	B-13
NFPA-30 Compliance Checklist - Piping.....	B-15

SUBJECT: SAFETY - KLEEN CORP.FARMINGTON BRANCH **TERA, inc.**JOB NO.: 90-150

FILE: \_\_\_\_\_

BY: J.W.L. DATE: 7/7/90SHEET: 1 OF: 2TANK CONTAINMENT CAPACITY

REF. PLATES A-3 &amp; D-2

$$\text{GROSS VOL.} = (38'-2 - 1'-4)(23'-4 - 1'-4)(3'-0) = 2,431 \text{ ft}^3$$

(1) VOL. CLEAN SOLVENT TO TOP OF WALL

$$\frac{\pi}{4}(12'-0)^2(3'-0 - 6") = 283 \text{ ft}^3$$

(2) VOL. 2 TANK SKIDS. (REF D13146)

$$(2)(12)\left(\frac{3}{12} \times \frac{6}{12}\right)(12) = 36 \text{ ft}^3$$

(3) VOL. PIPES, VALVES, PUMP, MISC.

$$\text{ASSUME } 2\% \text{ GROSS VOL.} = 48 \text{ ft}^3$$

$$\text{TOTAL (1), (2) \& (3)} = 367 \text{ ft}^3$$

$$\text{MAX. VOL. USED SOLVENT} = (12,000)/(7.481) = 1,604 \text{ ft}^3$$

$$\text{VOL. AVAIL. FOR RAINFALL} = 2,431 - (1,604 + 367) = 460 \text{ ft}^3$$

$$\text{MAX. RAINFALL ACCOMMODATED} = (460)(12) / (36.83)(24.0) = 6.8"$$

WEATHER BUREAU EST. OF 25 YR/24 HR RAIN:  $2\frac{1}{2}'' - 3''$  $\therefore$  TANK CONTAINMENT VOLUME IS ADEQUATE

SUBJECT: SAFETY-KLEEN CORP.

JOB NO.: 90-150

FARMINGTON BRANCH

TERA, inc.

FILE:

BY: JWC

DATE: 7/7/90

SHEET:

2

OF:

2

DUMPSTER CONTAINMENT CAPACITY REF. PLATES A-3&D-3

$$\text{GROSS VOL.} = (17'6 - 1'4)(11'10 - 1'4)(\frac{1}{2}) = 99 \text{ ft}^3$$

- (1) DUMPSTER SITS HIGHER THAN CURB  
ON 3 CMU'S.

$$\text{VOL. 3 CMU'S TO CURB HEIGHT} = (8-1)(8)(16)(3)/1728 \\ = 2 \text{ ft}^2$$

- (2) VOL. PUMP, PIPES, GRATING SUPPORTS, MISC.

$$\text{ASSUME 2\% GROSS} = 2 \text{ ft}^2$$

$$\text{TOTAL (1) + (2)} = \underline{4 \text{ ft}^2}$$

$$\text{VOL. FOR CONTAINMENT OF USED SOLVENT} = 95 \text{ ft}^3$$

$$\text{VOL. DUMPSTER} = 375 \text{ gal, } 50 \text{ ft}^3 \text{ (SEE PLATE A-6)}$$

∴ DUMPSTER CONTAINMENT VOLUME IS ADEQUATE  
NO RAINFALL ALLOWANCE REQ'D.

NOTE: THIS ANALYSIS DOES NOT CONSIDER VOLUME  
OF THE SUMP WHICH ADDS  $\frac{1}{4}(2^2)(2) = 6 \text{ ft}^3$   
OF CONTAINMENT CAPACITY

SUBJECT: SAFETY - KLEEN CORP.

JOB NO.: 90-150

FARMINGTON BRANCH

TERA, inc.

FILE:

BY: J.W.C. DATE: 7/7/90

SHEET:

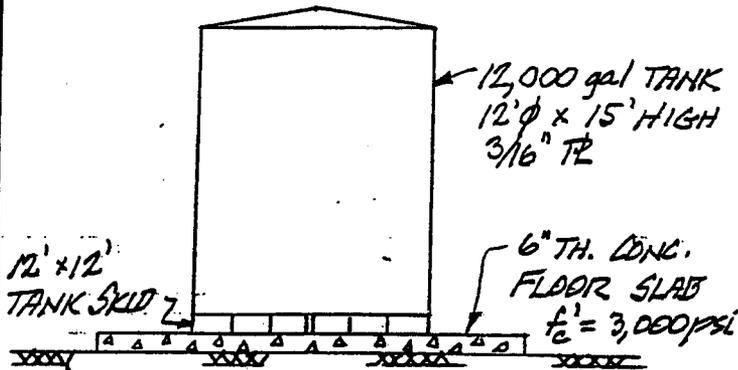
1

OF:

2

CHECK CONTAINMENT FLOOR SLAB AS TANK FOUNDATION

ASSUME: 6" SLAB BASED ON SECTION C-1, DWG. D11322.  
SKID DETAILS BASED ON DWG. D13146

DISTRIBUTED LOAD UNDER TANK:

$$\begin{aligned} \text{TANK WT.} &= (12\pi)(15)\left(\frac{185}{12}\right)(440) \\ &+ \frac{\pi}{4}(12)^2\left(\frac{188+250}{12}\right)(440) \\ &+ 5\% \text{ FOR FITTINGS} \\ &= 6,680 \# \end{aligned}$$

$$\begin{aligned} \text{CONTENTS WT.} &= (12,000/7.481)(62.4 \times 8) \\ &= 80,080 \# \end{aligned}$$

$$\text{TOTAL WT.} = 86,760 \#$$

$$\begin{aligned} \text{DISTR. LOAD UNDER SKID} \\ &= 86,760 / (12)^2 \\ &= 603 \text{ psf} < w \quad \text{O.K.} \end{aligned}$$

MODEL IS CONSERVATIVE:

1. STRENGTH ADDED BY PERIMETER FOOTING IS NOT INCLUDED.
2. SLAB REINF. IS MORE THAN TEMP. STEEL.

ANALYSIS REF:

PORTLAND CEMENT ASSN.  
REPORT NO. IS145.01D, "SLAB  
THICKNESS DESIGN FOR IND-  
USTRIAL FLOORS ON GRADE", 1976

USE PROCEDURE ON PAGE 13  
FOR VARIABLE STORAGE LAYOUT.

$$w = 0.123 \frac{1}{f'_c} \sqrt{h}$$

WHERE  $w$  = ALLO. LOAD, psf  
 $f'_c$  = WORKING STRESS, psi  
 $h$  = SLAB TH., in.  
 $k$  = SUBGRADE MOD., pci

TAKE  $f'_c = \text{MOD. OF RUPTURE} \div 1.5$

$$\begin{aligned} \text{MR} &= 9\sqrt{f'_c} \quad (\text{PAGE 2, REF.}) \\ &= 9\sqrt{3,000} = 493 \text{ psi} \end{aligned}$$

$$f'_c = 493 / 1.5 = 330 \text{ psi}$$

$$\begin{aligned} w &= .123(330)(6 \times 100)^{1/2} \\ &= 994 \text{ psf NO WIND} \\ &= \left(\frac{4}{3}\right)(994) = 1,325 \text{ psf WIND} \end{aligned}$$

SUBJECT: SAFETY-KLEEN CORPFARMINGTON BRANCHBY: J.W.C. DATE: 7/8/90 **TERA, inc.**JOB NO.: 90-150

FILE: \_\_\_\_\_

SHEET: 2 OF: 2CHECK SOIL PRESSURE UNDER CONTAINMENT SLAB

REF.: "SUBGRADES AND SUBBASES FOR CONCRETE PAVEMENT",  
PUBLICATION NO. ISO29.02P, 1986, PORTLAND CEMENT  
ASSOCIATION

THE REF. SHOWS THAT FOR THE COMPACT CONFIGURATION  
OF TANKS AND CONTAINMENT VAULT SOIL PRESSURE  
WITH MAX. TANK LOADS IS NEARLY UNIFORM.

(1) WT. 2 TANKS &amp; CONTENTS

$$2 \times 86,760 = 173,520^{\#} \quad (\text{SEE PAGE B-3A})$$

(2) WT. CONTAINMENT SLAB

$$(38'-2)(23'-4)\left(\frac{8''}{12}\right)(150^{\#}/ft^3) = 89,050^{\#}$$

USE 8" SLAB TO ALLOW  
FOR WT. OF PERIMETER  
FOOTING

(3) WT. CONTAINMENT WALLS

$$\text{UNIT WT. OF CMU'S} = \frac{38^{\#}/\text{CMU}}{\left(\frac{8 \times 8 \times 16}{1728}\right)^{\#}/\text{CMU}} = 64^{\#}/ft^3$$

$$(2)(38'-2 + 23'-4)\left(\frac{8''}{12}\right)(3'-0)(64) = 15,750^{\#}$$

$$\text{TOTAL (1)+(2)+(3)} = 278,320^{\#}$$

$$\text{SOIL PRESSURE UNDER SLAB} \approx (278,320)/(38.167 \times 23.33)$$

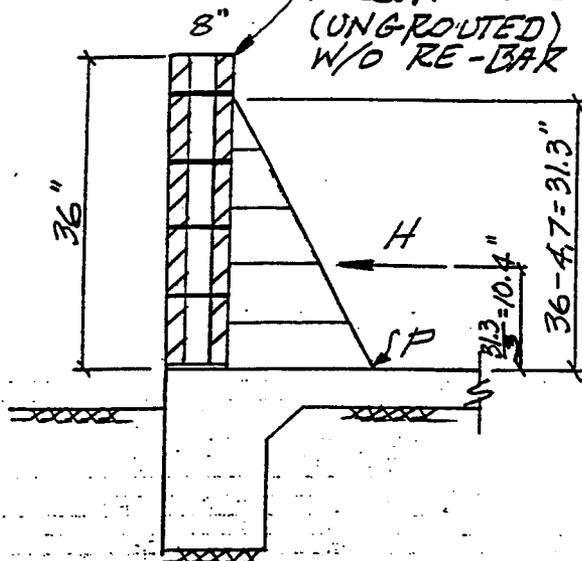
$$\approx \underline{313 \text{ psf}} \quad \text{o.k.}$$

SUBJECT: SAFETY-KLEEN CORP.JOB NO.: 90-150FARMINGTON BRANCH **TERA, inc.**

FILE: \_\_\_\_\_

BY: J.W.C. DATE: 7/7/90SHEET: 1 OF: 1CHECK CONTAINMENT WALL FOR HYDROSTATIC LOADING

NO CONSTR. DETAILS AVAIL., CROSS SECT. ASSUMED FROM INSPECTN.

ASSUME:  
HOLLOW CMU'S  
(UNGRADED)  
W/O RE-BAR

$$\begin{aligned} \text{HT. OF 12,000 GAL. OF TANK} \\ \text{CONTENTS PLUS 2.5 IN/24 HR} \\ \text{RAIN} &= \frac{(6.8 - 2.8)(36.87 + 22)}{(36.87 + 22 - \frac{\pi}{4} 12^2)} \\ &= 4.7'' \end{aligned}$$

$$P = (62.4 + 0.8)(31.3/12) = 130 \text{ psf}$$

$$H = (1/2)(P)(31.3) = 170 \text{ #/ft WALL}$$

$$\text{OTM} = (10.4/12)(170) = 147 \text{ #/ft WALL}$$

TENSION STRESS ON MORTAR  
@ BOTTOM OF BOTTOM COURSE  
(NEGLECTING RE-BAR IN WALL)

$$= \frac{\text{OTM}}{S} = \frac{(147 \times 12)}{(12 \times 8 \frac{1}{2})} = 14 \text{ psi}$$

COMPARE WITH VALUES FROM TABLE 6.3.1.1, "BLDG. CODE REQMTS.  
FOR MASONRY STRUCTURES", ACI-ASCE 530-88, P. 24.

CONSIDER HOLLOW CONCRETE MASONRY UNITS. ALLOWABLE  
FLEXURAL TENSION RANGES FROM 9 PSI TO 25 PSI, DEPEND-  
ING ON TYPE OF MORTAR. SINCE COMPUTED TENSION STRESS  
IS WITHIN THIS RANGE, AND ASSUMING TABULATED ALLOWABLES  
ARE BASED ON LOWER LIMITS OF TEST SCATTER, THE  
WALL SECTION ABOVE IS CONSIDERED SATISFACTORY

SUBJECT: SAFETY-KLEEN CORP.

JOB NO.: 90-150

FARMINGTON BRANCH



FILE:

J.W.C. DATE: 7/7/90

SHEET:

1 OF: 6

TANK VENTING CALCULATIONS

EMERGENCY ONLY.

NORMAL VENTING BY  
MORRISON BROS. NO. 548 2"  
KNOWN TO BE SATISFACTORY  
BY PROVEN PERFORMANCE  
ON 12,000 GAL S-K TANKS.

FROM TABLE 2 OF API 2000:

WETTED AREA =  $\pi(2)(15) = 565 \text{ ft}^2$

EMERG'Y. VENT'G. REQ'D. =  $354,000 + (6.65)(38,000)$   
= 378,700 SCFH

EMERGENCY VENTING AVAILABLE:

FROM NORMAL VENT (SEE PAGE B-5C) 20,200 SCFM

FROM SENTINEL S-22 HATCH/VENT  
(SEE PAGES B-5D,E) 367,000

TOTAL = 387,200 SCFM

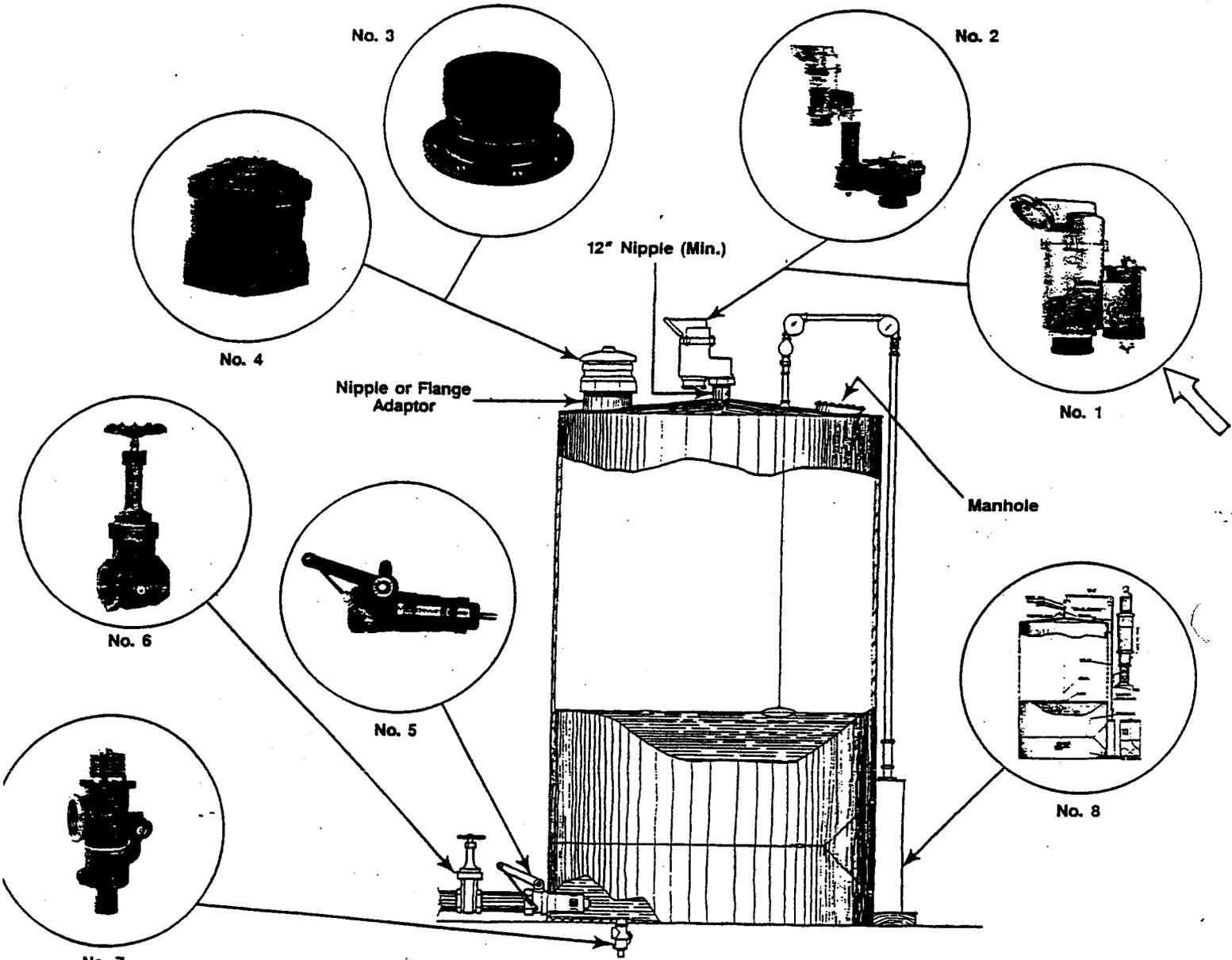
> 378,700 REQ'D.

O.K.

MAX. TANK PRESS. = 26 oz/in<sup>2</sup> FOR EMERGENCY VENTING  
≅ 24 oz/in<sup>2</sup> (1 1/2 PSIA) TEST PRESSURE

O.K.

**BULK STORAGE TANK EQUIPMENT**



- No. 1 — Fig. 548 or 548A — Pressure-Vacuum Vent
- No. 2 — Fig. 748A — Pressure-Vacuum Vent with Flame Arrester
- No. 3 — Fig. 244F — 8" or 10" - Flanged Emergency Vent
- No. 4 — Fig. 244 — 4", 6", or 8" Threaded - Emergency Vent
- No. 5 — Fig. 272HO — Internal Emergency Valve
- No. 6 — Fig. 535 — Gate Valve
- No. 7 — Fig. 128 — 1" - Frost Proof Drain Valve
- No. 8 — Fig. 618 — 31', 40', or 50' - Tank Gauge

**MORRISON BROS. CO.**

P.O. Box 238  
 Dubuque, Iowa 52001



Distributed by:

Vent Capacity at 2.5 PSI Standard Air (Except Fig. 749)

SIZE	FIG NO	DESCRIPTION	PRES oz/sq in	CAPACITY CFH	DATA SOURCE
2"	148ALT	Pressure Vacuum Vent	8	14,200	Tested at Iowa State Univ by P. Kavanagh, 1960
2"	148ALT	Pressure Vacuum Vent	16	10,500	Tested at Iowa State Univ by P. Kavanagh, 1960
2"	351S	Flame Arrester		22,000	Tested at Ohio State Univ by C.E. Buxton Jr, 1967
2"	351S/548-748	Flame Arrester/Vent	2	19,500	Approx. Calculated C.F.H.
2"	351S/548-748	Flame Arrester/Vent	4	19,500	Approx. Calculated C.F.H.
2"	351S/548-748	Flame Arrester/Vent	6	18,500	Approx. Calculated C.F.H.
2"	351S/548-748	Flame Arrester/Vent	8	18,500	Approx. Calculated C.F.H.
2"	351S/548-748	Flame Arrester/Vent	12	17,500	Approx. Calculated C.F.H.
2"	351S/548-748	Flame Arrester/Vent	16	17,000	Approx. Calculated C.F.H.
2"	354	Updraft Vent		27,650	Tested at Univ Wisconsin Plattville by L. Lee, 1988
2"	548-748	Pressure Vacuum Vent	2	20,200	Based on ISU Test of 2" 548 - 8oz by Kavanagh, 1960
2"	548-748	Pressure Vacuum Vent	4	20,200	Based on ISU Test of 2" 548 - 8oz by Kavanagh, 1960
2"	548-748	Pressure Vacuum Vent	6	20,200	Based on ISU Test of 2" 548 - 8oz by Kavanagh, 1960
2"	548-748	Pressure Vacuum Vent	8	20,200	Tested at Iowa State Univ by P. Kavanagh, 1960
2"	548-748	Pressure Vacuum Vent	12	18,600	Approx. Calculated C.F.H.
2"	548-748	Pressure Vacuum Vent	16	18,000	Tested at Iowa State Univ by P. Kavanagh, 1960
2"	749	Pressure Vacuum Vent	8	6,200	Tested at Univ Wisconsin Plattville by L. Lee, 1988
2"	749	Pressure Vacuum Vent	12	7,500	Tested at Univ Wisconsin Plattville by L. Lee, 1988
3"	355	Vapor Diffusing Vent		60,000	Tested at Iowa State Univ by P. Kavanagh, 1960
3"	548	Pressure Vacuum Vent	2	38,800	Based on ISU Test of 3" 548 - 8oz by Kavanagh, 1960
3"	548	Pressure Vacuum Vent	4	38,800	Based on ISU Test of 3" 548 - 8oz by Kavanagh, 1960
3"	548	Pressure Vacuum Vent	6	38,800	Based on ISU Test of 3" 548 - 8oz by Kavanagh, 1960
3"	548	Pressure Vacuum Vent	8	38,800	Tested at Iowa State Univ by P. Kavanagh, 1960
3"	548	Pressure Vacuum Vent	12	37,000	Approx. Calculated C.F.H.
3"	548	Pressure Vacuum Vent	16	36,000	Approx. Calculated C.F.H.
4"	244	Emergency Vent	8	74,700	Approx. Calculated C.F.H.
6"	143	Pressure Vacuum Vent	8	194,000	Based on OSU Test of 6" 143 - 16 oz by Buxton, 1967
6"	143	Pressure Vacuum Vent	10	194,000	Based on OSU Test of 6" 143 - 16 oz by Buxton, 1967
6"	143	Pressure Vacuum Vent	16	194,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967
6"	244	Emergency Vent	8	194,000	Based on OSU Test of 6" 143 - 16 oz by Buxton, 1967
6"	244	Emergency Vent	10	194,000	Based on OSU Test of 6" 143 - 16 oz by Buxton, 1967
6"	244	Emergency Vent	16	194,000	Based on OSU Test of 6" 143 - 16 oz by Buxton, 1967
8"	143	Pressure Vacuum Vent	8	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	143	Pressure Vacuum Vent	16	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	143A	Fldg Pressure Vacuum Vent	8	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	143A	Fldg Pressure Vacuum Vent	16	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	244	Emergency Vent	8	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	244	Emergency Vent	16	465,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967
8"	244F	Fldg Emergency Vent	8	465,000	Based on OSU Test of 8" 244F - 16 oz by Buxton, 1967
8"	244F	Fldg Emergency Vent	16	465,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967
10"	143A	Fldg Pressure Vacuum Vent	3	906,000	Based on OSU Test of 10" 244F - 2.5 oz by Buxton, 1967
10"	143A	Fldg Pressure Vacuum Vent	8	576,000	Approx. Calculated C.F.H.
10"	143A	Fldg Pressure Vacuum Vent	16	546,000	Based on OSU Test of 10" 244F - 16 oz by Buxton, 1967
10"	244F	Fldg Emergency Vent	3	906,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967
10"	244F	Fldg Emergency Vent	8	576,000	Approx. Calculated C.F.H.
10"	244F	Fldg Emergency Vent	16	546,000	Tested at Ohio State Univ by O.E. Buxton Jr, 1967

Source for Chart: Morrison Bros Co 1989

**"S" SERIES SPRING TYPE HATCHES**

B-5D  
Sh. 4 of 6



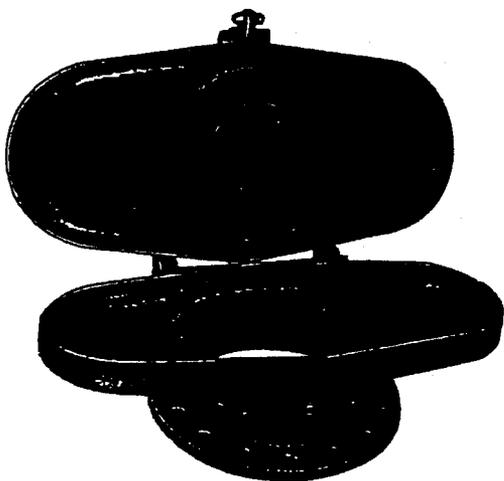
**MODEL S-10**

Pressure from 2 oz. to 16 oz. Shipping weight 17 lbs.  
Vacuum .4 oz.

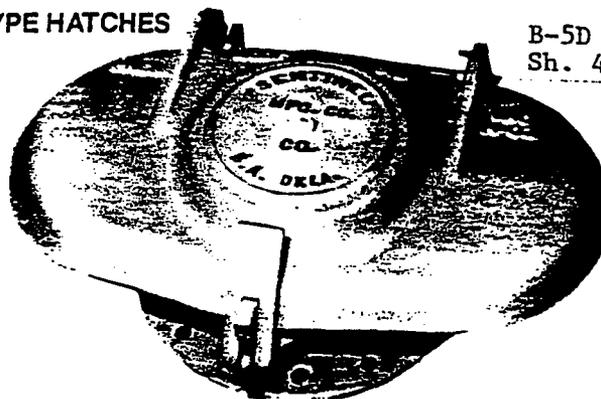
Model S-10 is desired by many operators where "duck tests" are provided on the tank checks. This valve is the same as the model S-22 and functions identically.

- 1 Base
- 2 Drain pan w/5 bolts
- 3 Lid (cover)
- \*4 Pressure valve casting
- \*5 Vacuum disc
- \*6 Back up plate
- \*7 Pressure gasket
- \*8 Vacuum gasket
- \*9 Screw (2 req'd)
- 10 Washer
- 11 Valve guide pin
- 12 Pressure spring
- 13 Vacuum spring (4 oz.)
- 14 Name plate w/screw
- 15 Hinge pin
- 16 Hair pin cotter
- 17 Hook
- 18 Handle
- 19 Roll pin (short)
- 20 Latch hinge pin (long)
- 21 Pressure vacuum valve ass'y less spring (Parts No. 4, 5, 6, 8, 9, 10, 11, 13)
- 22 Latch unit (Parts No. 17, 18, 19)

**Standard API Bolting Circle**



**MODEL S-22**



**MODEL S-18**

(Available for sour services)

All aluminum spring type hatch  
8" round opening w/oblong drain pan  
Base & pan — one piece construction (low maintenance)  
Bolting pattern, standard A.P.I. (sixteen holes on 10<sup>3</sup>/<sub>8</sub>" bolt circle)  
4<sup>1</sup>/<sub>10</sub> oz. vacuum  
2, 4, 6, 8, 10 or 16 oz. pressure  
Lock type latch

**PARTS**

- 1 Base (aluminum)
- 2 Lid (aluminum)
- 3 Pressure valve casting
- 4 Vacuum disc (aluminum)
- 5 Back-up plate (aluminum)
- 6 Valve guide stem (aluminum)
- 7 Vacuum spring
- 8 Vacuum gasket
- 9 Screws (2) Regular (Plated or Stainless)
- 10 Pressure gasket (P.V.C. sponge)
- 11 Pressure spring Available in stainless steel on incanal

**MODEL S-22**



Pressure from 2 oz. to 16 oz. Shipping weight 20 lbs.  
Vacuum .4 oz.  
(Greater pressure on request only)

Model S-22 has circular base with full 8" opening, A.P.I. standard bolt circle and hillside flange. All other parts are non-ferrous metal, light in weight, yet rugged in construction. All Gaskets are of neoprene and springs are plated to insure against corrosion from gases or acids. Cross section on opposite page is self explanatory.

**SIX POINTS OF DISTINCTION IN SENTINEL HATCHES**

HIGH GRADE NON-FERROUS ALLOYS — No pot metal. No spark producing steel.

BREAKAGE REDUCED TO A MINIMUM — but little to wear out.

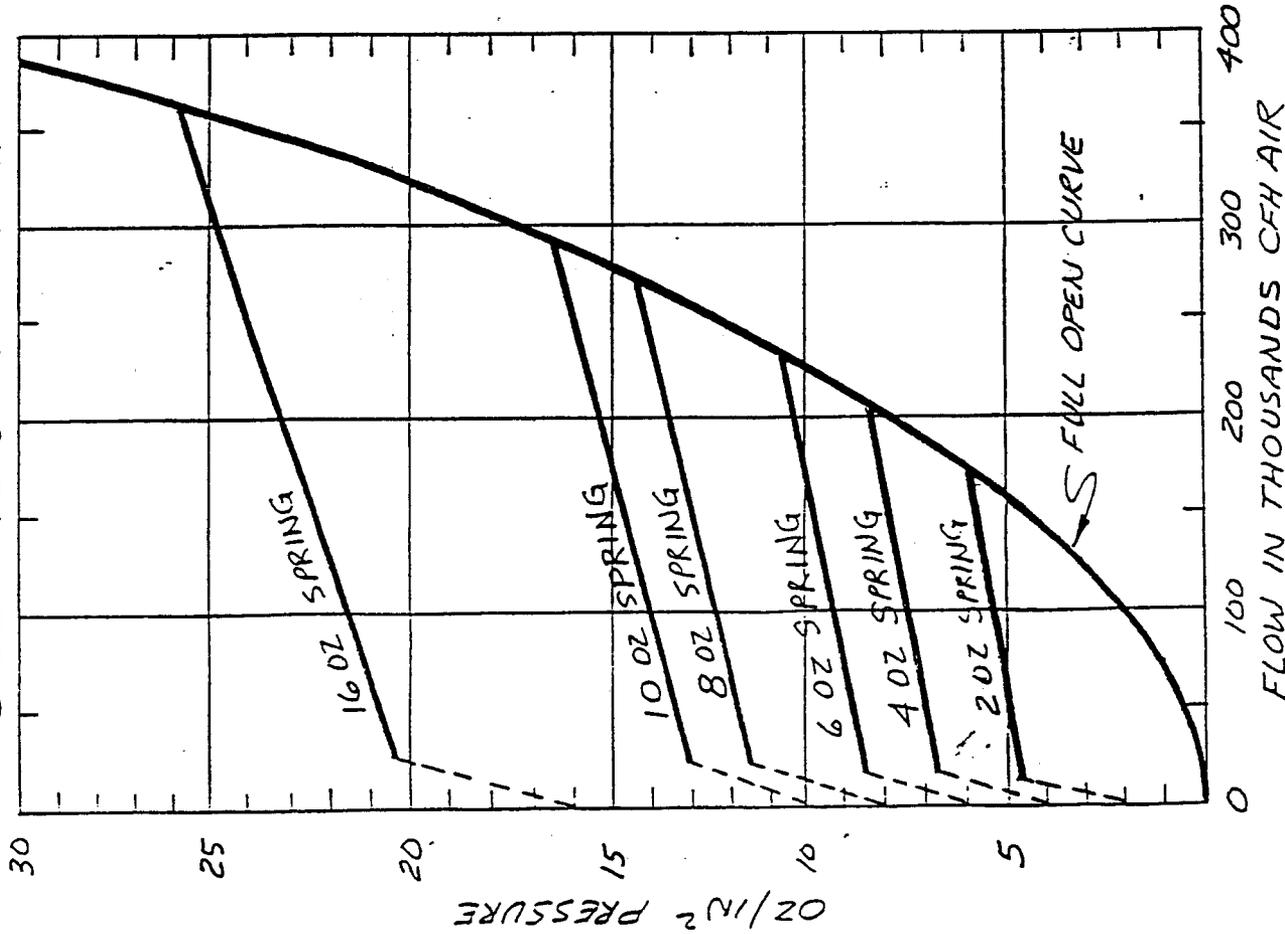
HINGE LUGS STURDY AND STRONG — moulded for endurance.

LATCH AND BLEEDER ARE tenzaloy.

GASKETS SECURELY HELD IN PLACE — no pulling out, no distortion, yet easily replaced.

GASKETS STAMPED FROM STANDARD SHEET STOCK — no moulded gaskets to become obsolete and impossible to replace.

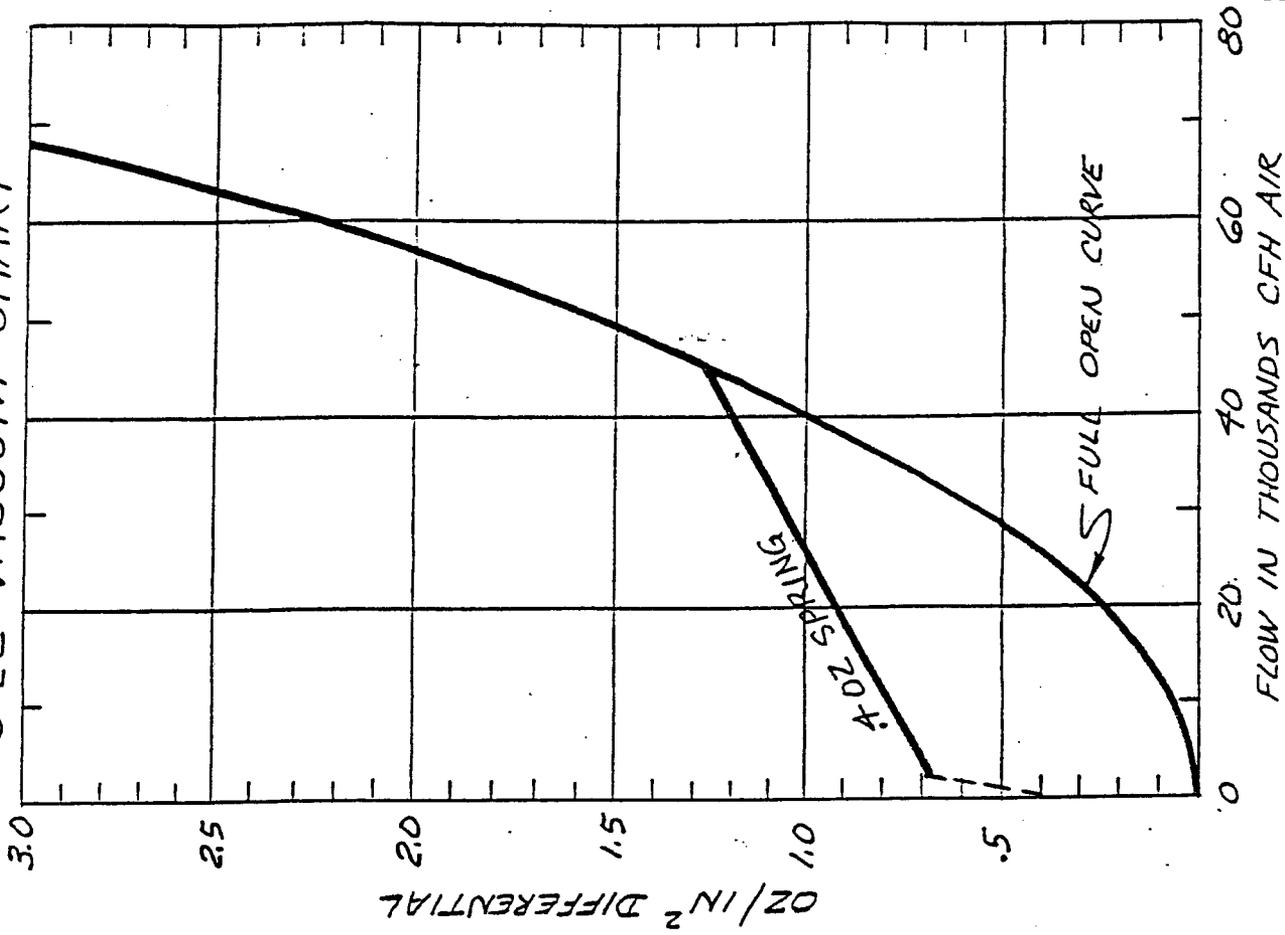
S-22 PRESSURE CHART



S-22 HATCH PRESSURE FLOW CHART  
SENTINEL MFG

NOTE: CFH @ 60°F ± 14.7 PSIA

S-22 VACUUM CHART



S-22 HATCH VACUUM FLOW CHART  
SENTINEL MFG

S-22 HATCHES

PRESSURE RELIEF FLOW

<u>SPRING SETTING OZ.</u>	<u>FULL OPEN PRESSURE OZ./IN<sup>2</sup></u>	<u>FLOW RATE CFH* @ FULL OPEN</u>
2	6.0	175,000
4	8.5	210,000
6	10.7	236,000
8	14.5	275,000
10	16.6	293,000
16	26.0 = $1\frac{5}{8}$ psig $\approx$ $1\frac{1}{2}$ psig	367,000

*Test Pressure* ←

VACUUM RELIEF FLOW

<u>SPRING SETTING OZ.</u>	<u>FULL OPEN VACUUM OZ./IN<sup>2</sup></u>	<u>FLOW RATE CFH* @ FULL OPEN</u>
.4	1.3	46,000

\*CFH AT 60° F & 14.7 PSIA

SUBJECT: SAFETY-KLEEN CORP.

JOB NO.: 90-150

FARMINGTON BRANCH TERA, inc.

FILE: \_\_\_\_\_

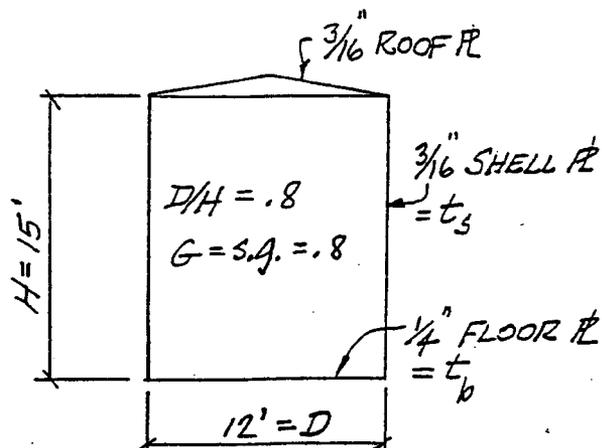
BY: J.W.G. DATE: 7/7/90

SHEET: 1

OF: 1

CHECK ZONE 2 EQ RESPONSE OF TANK

- REF. : 1. PLATES D-1 & D-4, TANK DETAILS  
2. API 650, APPENDIX E, SEISMIC DESIGN



$$x_1/H = .42 @ D/H = .8$$

$$x_1 = 6.3'$$

$$x_2/H = .75 @ D/H = .8$$

$$x_2 = 11.3'$$

$$x_s = \frac{1}{2}H = 7.5'$$

$$x_r = H = 15.0'$$

OVERTURNING MOMENT (§E.3.1)

$$M = ZI(C_1W_sX_s + C_1W_rX_r + C_2W_1X_1 + C_2W_2X_2)$$

$$Z = .375 \text{ (ZONE 2, TABLE E-1)}$$

$$I = 1.0$$

$$C_1 = .24 \quad T = kD^{1/2} \quad k = .6 @ D/H = .8$$

$$= (.8)(12)^{1/2}$$

$$= 2.77 \text{ sec}$$

$$C_2 = \frac{.35}{1.16} \quad S = 1.5, \text{ SOIL UNKNOWN}$$

$$W_s = \pi(12) \left(\frac{.188}{12}\right) (15) (490) (1.05) = 4,560 \#$$

$$W_r = \frac{\pi}{4}(12)^2 \left(\frac{.188}{12}\right) (490) (1.05) = 910 \#$$

↑ FITTINGS FACTOR

$$W_T = \frac{\pi}{4}(12)^2 (15) (62.4 \times .8) = 84,700 \#$$

$$W_1/W_T = .85 @ D/H = .8 ; W_1 = 72,000 \#$$

$$W_2/W_T = .20 @ D/H = .8 ; W_2 = 16,900 \#$$

$$M = (.375)(1.0) [24(7.5)(4,560) + 24(15.0)(910) + .24(6.3)(84,700) + .16(11.3)(16,900)]$$

$$= \underline{64 \text{ k}}$$

RESISTANCE TO OVERTURNING (§E.4)

$$W_L = 7.9t_b \sqrt{FGH} = 1,185 \#/\text{ft CIRCUM.}$$

$$1.25GHD = 180 \#/\text{ft CIRCUM. USE}$$

$$w_{\frac{1}{2}} = (4,560 + 910) / \pi(12)$$

$$= 145 \#/\text{ft CIRCUM}$$

$$M / [D^2(w_{\frac{1}{2}} + w_L)] = 1.37 < 1.57$$

∴ TANK IS STABLE W/O ANCHORAGE

$$\frac{b + w_L}{w_{\frac{1}{2}} + w_L} = 4.5 \text{ (FIG. E-5)}$$

$$b = 1,640 \#/\text{ft CIRCUM.}$$

$$b/12t_s = 730 \text{ psi SHELL COMP. O.K.}$$

SUBJECT: SAFETY-KLEEN CORPORATION

JOB NO.: 90-150

Farmington Branch



FILE:

BY: J.W.C. DATE: 7/8/90

SHEET: 1 OF 1

Wind Response of 12,000 gal Used Solvent Storage Tank

Ref.: 1. ANSI A58.1 - 1982, Min. Design Loads for Bldg's. and Other Structures

h - 15'-0"

D - 12'-0"

h/D - 1.25

From Table 4, Ref. 3:  $F = q_z G_h C_f A_f$

$q_z = .00256 K_z (IV)^2$ $= .00256 (.80) (.95 \times 70)^2$ $= 9.1 \text{ psf}$	$K_z$ Table 6 Exp. C	z	$\frac{K_z}{z}$	$\frac{z}{h}$	
		0-15'	0.80	x 1.00	= .80
		15-20'	0.87	x	-
		20-25'	0.93	x	-

25-30' 0.98 x -

Wtd. avg  $K_z = .80$

$A_f \approx D \times h = 180 \text{ ft}^2$

I = .95 (Cat. IV, empty)

$F = q_z G_h C_f A_f$

V = 70 mph (Fig. 1) @ Farmington

F = 1.557 lbs

Wind Overturning Moment $M_w = F \times h/2$ $= 11.7 \text{ ft-k}$	$G_h$ Table 8 Exp. C	z	$\frac{G_h}{z}$	$\frac{z}{h}$	
		0-15'	1.32	x 1.00	= 1.32
		15-20'	1.29	x	-
		20-25'	1.27	x	-

25-30' 1.26 x -

Wtd. avg.  $G_h = 1.32$

$C_f = \text{Rough } .7 + (.1 \times h/(6D)) = .72$

(See Table 12)

Righting moment of weight of empty tank about a heel point on the bottom

Tank wt. = 6.7 K (See Page B-3A)

$M_r = (\text{wt.})(D/2) = 40'K > M_w$

F.S. =  $M_r/M_w = 3.44$  against overturning

∴ Wind anchorage is not required

### PIPING SYSTEM REVIEW

Safety-Kleen 105 Solvent (clean and used) is a Class II combustible liquid as defined by NFPA 30 "Flammable and Combustible Liquids Code". NFPA 30 is therefore an appropriate and applicable standard for the design of piping systems which handle those liquids.

NFPA 30 paragraph 3-2.1 generally requires that pipe, valve, fitting, and other pressure-containing components meet the material, pressure, and temperature limitations of ANSI B31.3 "Chemical Plant and Petroleum Refinery Piping" or ANSI B31.4 "Liquid Petroleum Transportation Piping Systems".

#### System Design Pressure and Temperature

The maximum clean solvent system operating pressure would occur downstream of the pump with the pump operating shut in with the solvent tank full. From ITT Marlow pump data the maximum differential head of the 20 EVP and 30 EV-A series pumps used by Safety-Kleen is less than 120 feet. Maximum suction head with the tank full will be less than 30 feet. Maximum clean solvent system operating pressure is therefore 150 ft or 55 psig (at .85 SG).

ITT Marlow pump data for the 1-1/2 HR49 series pumps used for the used solvent systems shows a maximum differential head at shut off of less than 60 feet. Maximum suction head is less than 5 feet for the used solvent system. Maximum used solvent system pressure is 65 feet or 24 psig (at .85 SG).

The system operates at ambient air temperatures. This falls under the ANSI materials specification temperature range of -20 to 200°F.

Pumps

The ITT Marlow pumps used by Safety-Kleen (usually models 20EVP-A and 1-1/2 HR49RC) are intended for use in these types of systems. The pumps appear to meet the pressure design requirements of the Hydraulic Institute Standards and ANSI B31.3-1984 (paragraph 304.7.2).

Pipe

NFPA 30 generally requires pipe to meet the material, pressure, and temperature specifications of ANSI B31.3 or B31.4. Carbon steel piping material specifications listed in B31.3 include ASTM A53, A106, A120, and A135. Many other carbon steel, alloy steel, stainless, and non-ferrous materials are also listed in B31.3. Non-listed materials may also be used after review of their suitability.

ANSI B31.3 limits the design pressure of systems using ASTM A53 Type F, A120, and some other carbon steel materials to 150 psig. This value exceeds the design pressure of the systems under review. The lowest allowable tensile stress specified in B31.3 for listed carbon steel pipe materials in the -20 to 200°F range is 9700 psi for ASTM A120. ANSI B31.3 paragraph 304.1.2 requires that pipe wall thickness satisfy  $t = \frac{pD}{2SE}$ ; where t is minimum wall thickness, p is design pressure, D is pipe outside diameter, and SE is the allowable tensile stress.

Pipe Size	Schedule	Nominal Wall	Minimum Wall	$t_{100}$ (A120)
3/4	80	.154	.135	.005
3/4	40	.113	.099	.005
1	80	.179	.157	.007
1	40	.133	.116	.007
1-1/4	80	.191	.167	.009
1-1/4	40	.140	.123	.009
1-1/2	80	.200	.175	.010

(Continued next page)

pipe size	Schedule	Nominal Wall	Minimum Wall	$t_{100}$ (A120)
(Continued)				
1-1/2	40	.145	.127	.010
2	40	.154	.135	.012
2-1/2	40	.203	.178	.015
3	40	.216	.189	.018
4	40	.237	.207	.023

In the chart above "Minimum Wall" is the nominal pipe wall thickness less the 12.5 percent allowable manufacturing tolerance. In all cases Schedule 40 or 80 pipe exceeds the wall thickness required by B31.3 for a system design pressure of 100 psig, shown as  $t_{100}$  above for ASTM A120 pipe.

ANSI B31.3 paragraph 314.2.1 requires that the wall thickness of threaded pipe meet ANSI B36.10 specifications for Schedule 80 in sizes 1-1/2" and smaller and Schedule 40 for sizes 2" and larger.

The rubber hose used to connect the dumpsters to the used solvent pump suction piping is compatible with the material handles and suitable for the pressure level of the service. The hose joint system used is mechanical and does not rely on the resiliency or friction characteristics of the hose material.

### Valves

Morrison Brothers rate the valve types used by Safety-Kleen at a normal pressure limit of 125 psi and a cold non-shock limit of 200 psi. This exceeds the system design and operating pressures. The Morrison Brothers valves appear to meet ANSI B31.3 design requirements for the service. Other 125 lb. or 150 lb. class valves meeting the ANSI, API, AWWA, OR MSS specifications listed in ANSI B31.3 would also be acceptable. Non-listed valves would be acceptable if they meet B31.3 criteria for the service.

Fittings, Flanges, and Other Components

Fittings, flanges, and other components produced to ANSI 125 lb. class (or better) specifications are suitable for use at maximum non-shock hydraulic working pressures to 175 psig at ambient temperatures (per ANSI B16.1). Fittings, flanges, and other components produced to ANSI 150 lb. class (or better) specifications are suitable for use at design pressures up to 260 psig for temperatures below 200°F (per ANSI B16.5 (A105 flanges)). Since those pressures exceed the design and operating pressures of the systems under review, components meeting 125 or 150 lb. class requirements are suitable for use in this system. Unlisted components and piping elements whose pressure rating and materials are suitable for the service and which have extensive successful service experience under comparable design conditions are acceptable for use under B31.3 paragraph 304.7.2.

Low Melting Point and Non-Ductile Materials

NFPA 30, paragraph 3-2.4, places restrictions on the use of valves and piping components made of low melting point and non-ductile materials. When used within buildings or aboveground outdoors those materials must be either: a) suitably protected against fire exposure; or b) so located that any leakage resulting from failure would not unduly expose persons, important buildings, or structures; or c) located where leakage can readily be controlled by operation of an accessible, remotely located valve(s).

Safety-Kleen systems which are provided with tank shut-off valves and secondary containment meeting 40 CFR 264.193 requirements comply with options b) and/or c) above.

### Tank Connections

NFPA 30 requires that each connection to an aboveground tank through which liquid can normally flow be provided with an internal or external valve located as close as practical to the shell of the tank. External valves must be of steel or nodular iron. Internal valves (as used by Safety-Kleen) may be constructed of other materials. Other tank connections below the liquid level through which liquid does not normally flow must be provided with a liquid-tight closure.

### Tank Fill and Emptying Connections

NFPA 30 lists several requirements for tank fill and emptying connections. Normal Safety-Kleen design and installation practice is in conformance with these requirements.

### Testing

NFPA 30 requires that before being placed in service all piping must be hydrostatically tested to 150 percent of the maximum anticipated pressure of the system or pneumatically tested to 110 percent of the maximum anticipated pressure with a 5 psig minimum. Test duration is required to be sufficient to visually inspect all joints and connections, with a 10 minute minimum. ANSI B31.3 specifies a 25 psi preliminary check for pneumatic tests as a safety precaution.

### Summary

Safety-Kleen solvent piping systems which comply with the items on the attached checklist will be in compliance with the applicable requirements of NFPA 30-1987.

TANKSNFPA 30 - 1987 Compliance Checklistfor Safety-Kleen Corp. Aboveground Tank SystemsBranch Location: Farmington, NM Review By: J.W. Cox Date: 7/6/90

- Yes 1. Tanks are labeled indicating compliance with API 12F.
- Yes 2. Tanks with a capacity of 12,000 gallons or less are located at least 15 feet from the nearest property line. Tanks with a capacity over 12,000 gallons are located at least 20 feet from the nearest property line.
- Yes 3. Tanks are located at least 5 feet from the nearest building or public way.
- No 4. 9'-0" and smaller diameter tanks are located at least 3 feet apart. Tanks larger than 9 feet in diameter are separated by a distance at least equal to 1/6 the sum of the adjacent tank diameters (e.g. 12 foot tanks:  $(12+12) \div 6 = 4$  feet). Tanks are 3'-0" apart.
5. Tanks are provided with spillage containment meeting the following requirements:
- Yes a) Any discharged liquid is prevented from endangering important facilities, adjoining property, or reaching waterways.
- N/A b) A slope of not less than 1 percent is provided away from the tank to the base of the containment dike.
- Yes c) The net volumetric capacity of the diked area shall not be less than the capacity of the largest tank within the dike.
- Yes d) The outside of the dike at ground level is at least 10 feet from any property line.
- UNK e) Walls shall be designed to be liquid-tight and to withstand a full hydrostatic head.
- Yes f) When provision is made for draining water from diked areas, such drains are provided with a normally closed valve outside the dike wall. (Blind sump)
- Yes g) Storage of combustible materials, empty or full drums, or barrels within the diked area is prohibited.

TANKSNFPA 30 - 1987 Compliance Checklistfor Safety-Kleen Corp. Aboveground Tank Systems  
(Continued)Branch Location: Farmington, NM Review By: J.W. Cox Date: 7/6/90

- Yes 6. Tanks are provided with a normal vent of at least 2-inch nominal diameter.
- No 7. Tanks are provided with emergency venting provisions in the form of Sentinel model S-22 covered hatch
- Yes 8. Tank openings comply with Items 8 and 9 of TERA Piping Checklist requirements.
- Yes 9. Tank fill and emptying connections comply with Items 11-15 of TERA Piping Checklist items.
- Yes 10. Tank foundation has been reviewed for adequacy to support anticipated loads.
- N/A 11. Steel tank supports or skirts over 12" high are provided with insulation to provide a fire resistance rating of 2 hours or more.
- Yes 12. At least the top 30% of the tank shells are above the anticipated flood level, a water supply is available to fill tanks in case of flood, and tanks are anchored to prevent floating.
- Yes 13. Tanks are shop tested in accordance with API 12F. (API nameplate on tank is acceptable proof of this test.)
- UNK 14. Tanks and connections are tightness tested at site at operating pressure using air or water prior to being placed in service.
- No 15. Exceptions to the above items have been reviewed and found to be in compliance with NFPA 30 and/or UL 142 requirements.

Safety-Kleen aboveground tanks in compliance with the above items will meet the requirements of NFPA 30 - 1987. Systems should also be checked for compliance with local fire code requirements, which may be more stringent than those of NFPA 30.

PIPING, VALVES, AND FITTINGSNFPA 30-1987 Compliance Checklistfor Safety-Kleen Corp. Aboveground Tank Systems

Branch Location: Farmington, NM Review By: J.W. Cox Date: 7/6/90

- Yes 1. Pumps are ITT Marlow 20EVP-A, 30 EV-A, or 1-1/2 HR49EC series pumps.
- Yes 2. Steel piping meets ASTM A53, A106, A120, or A135 specifications.
- Yes 3. Wall thickness of threaded pipe meets ANSI B16.10 specifications for Schedule 80 for sizes 1-1/2" and smaller and Schedule 40 for sizes 2" and larger. Wall thickness of welded pipe of all sizes meets Schedule 40 requirements as a minimum. Based on UT readings
- NONE 4. Dumpster hose assembly is S-K Part No. 5237 (per Safety-Kleen drawing D10452). Dumpster connected to pump by pipe.
- Yes 5. Valves are Morrison Brothers (S-K standard items) or meet ANSI 125 or 150 lb. class requirements.
- Yes 6. Flanges and fittings meet ANSI B16 125 lb. (for cast iron and non-ferrous materials) or 150 lb. class (for steel and malleable iron) requirements.
- N/A 7. Valves and piping components of low melting point or non-ductile materials (ie. brass, bronze, aluminum, plastic, rubber, and cast iron) are located within containment areas meeting 40 CFR 264.193 requirements.
- Yes 8. Tank connections below the liquid level through which liquid can normally flow are provided with an internal emergency shut-off valve (with fusible link) and a manual valve close to the tank.
- Yes 9. Tank connections below the liquid level through which liquid does not normally flow are provided with a liquid-tight plug or blind.
- Yes 10. Used solvent tank fill line drop-tube is provided with vacuum breaker in line external to tank and/or hole in top of drop-tube inside of tank to prevent siphoning of liquid from tank.

PIPING, VALVES, AND FITTINGS

NFPA 30-1987 Compliance Checklist

for Safety-Kleen Corp. Aboveground Tank Systems

(Continued)

Branch Location: Farmington, NM Review By: J.W. Cox Date: 7/6/90

Tank fill and emptying connections (ie. tank truck connections) are:

- Yes 11. outside of buildings in a location free of ignition sources;
- Yes 12. not less than five feet from any building opening;
- Yes 13. furnished with provisions for liquid-tight closure when not in use (ie. valve and hose connection cap);
- Yes 14. properly identified by color coding;
- Yes 15. provided with check valves.
- UNK 16. Prior to being placed in service all piping will be hydrostatically tested at 115 psig or pneumatically tested at 85 psig for a minimum of 20 minutes. Pneumatic tests shall include a preliminary check at not more than 25 psig. All piping joints and components shall be examined for leakage during the test.
- None 17. Exceptions to the above items have been reviewed and found to be in compliance with NFPA 30 and/or ANSI B31.3 specifications.

APPENDIX C  
Description of Waste

APPENDIX D  
Inspection Records

APPENDIX D

Inspection Records

<u>Title</u>	<u>Plate No.</u>
Tank Inspection Record.....	D-1
Tank Containment Inspection Record.....	D-2
Dumpster Containment Inspection Record.....	D-3
Photographs.....	D-4

TERA, INC.

TANK INSPECTION RECORD

CLIENT: Safety-Kleen Corporation Sheet: 1 of 1  
PLANT LOCATION: Farmington, New Mexico Job No. 90-150  
TYPE INSPECTION: Exterior Date: 6/13/90  
ITEM NO: CODE: API 12F By: J.W.C.  
SERVICE: Store used mineral spirit solvent YEAR BUILT: 1981  
CAPACITY: 12,000 gal TANK/DRUM TYPE: Cyl shell/flat bot/cone roof

ROOF                      SHELL                      BOTTOM

MATLS: Mild steel all  
ROOF CONDITION: Satisfactory  
SHELL CONDITION: Satisfactory  
BOTTOM CONDITION: Satisfactory  
SUPPORT TYPE: Standard S-K Tank Skid (Dwg. D13146)  
FOUNDATION CONDITION: Flat R/C slab on grade. Satisfactory  
INTERNAL STRUCTURE CONDITION: None  
WELDED/FLANGED JOINT CONDITION: Satisfactory  
NOZZLE CONDITION: Satisfactory  
COATING CONDITION: Tight all around  
INSULATION CONDITION: None  
SAFETY VALVE CONDITION: Satisfactory. Breather vent Morrison Bros. #548 Emergency Vent Sentinel No. S-22  
SIGNS OF CRACKS: None  
SIGNS OF LEAKAGE: None  
SIGNS OF CORROSION: None  
SIGNS OF EROSION: None

TEST? Yes                      TYPE: UT Spots                      RESULTS: As tabulated below

OPERATING CONDITIONS: MAX TEMP: Amb.                      MAX PRESS: 1 psi                      VAC: 2"H<sub>2</sub>O

REFERENCE INSPECTION RECORDS: None

- COMMENTS: 1. Random UT spot readings through paint: Tank shell 0.204" to 0.209"; 3" pipe 0.207" to 0.225"; 2" pipe 0.151" to 0.157".  
2. Tank API nameplate by American Tank & Steel Corp., Farmington, API 12F, 12'øx15' high, 1/4" bot., 3/16" shell and deck, 300bbl (42 gal), 1981, mfg. serial #8306.  
3. Tank is not grounded.  
4. Cover of emergency pressure vent is secured with a padlock.

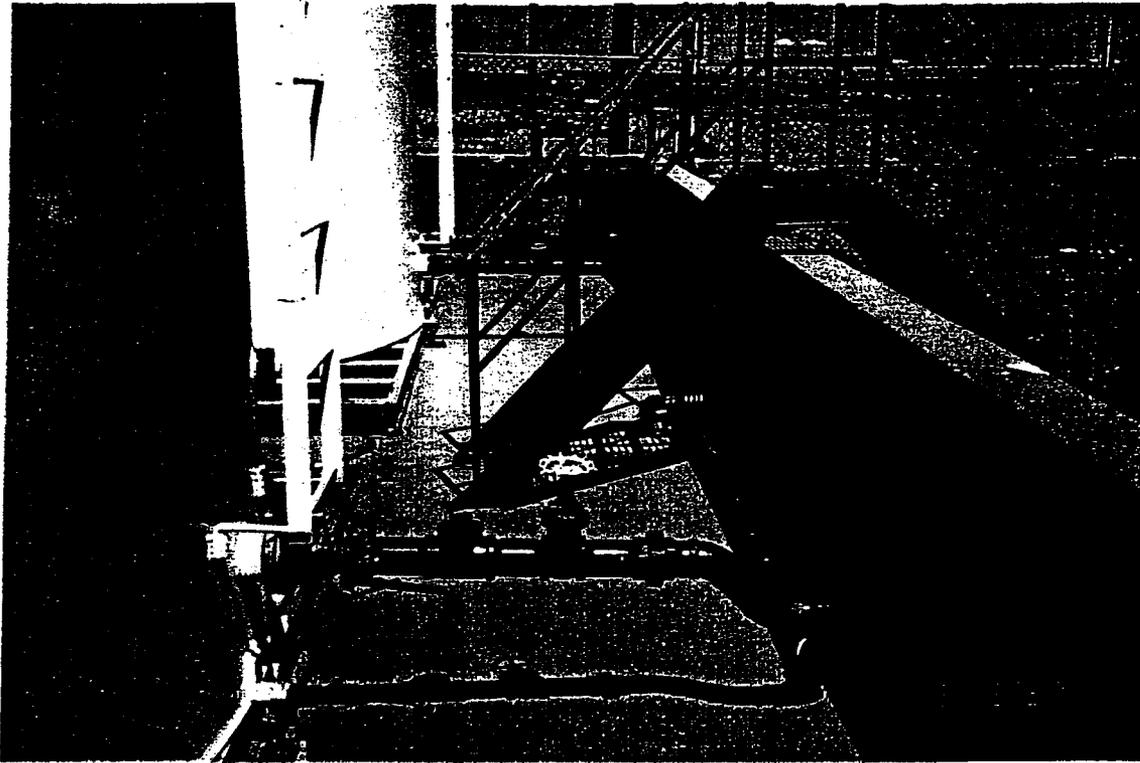
TERA, INC.

CONTAINMENT INSPECTION RECORD

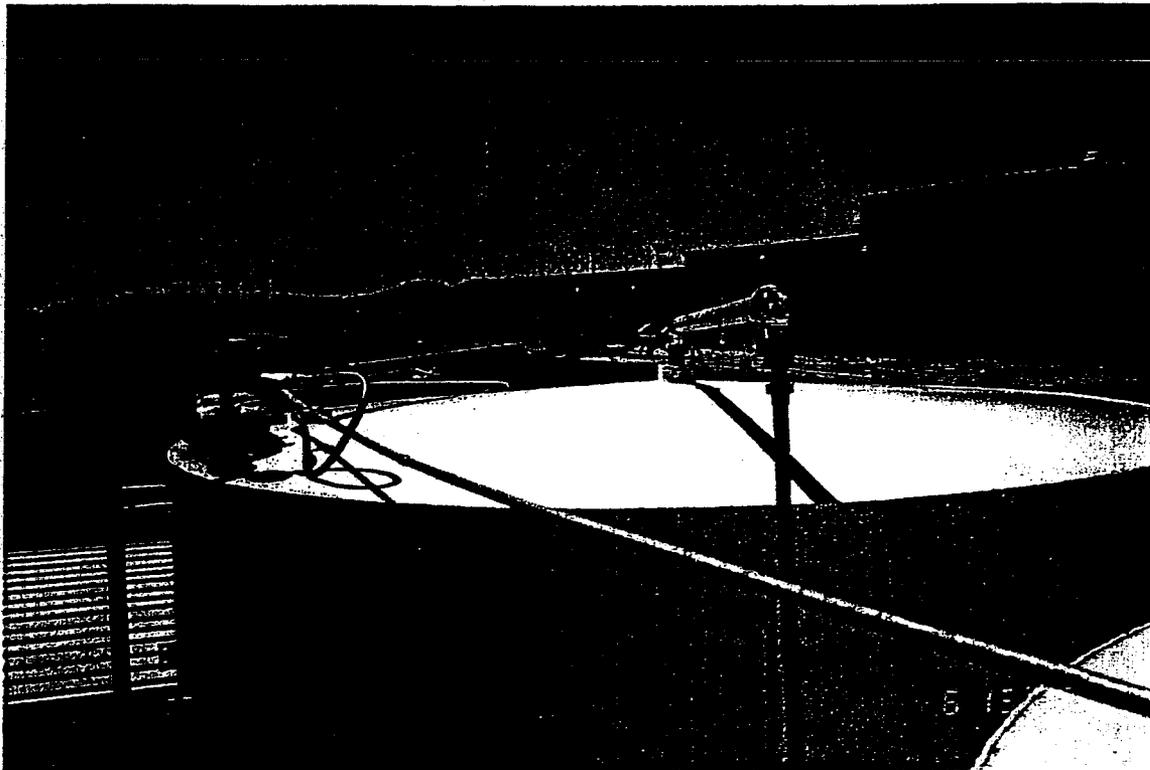
Sheet: 1 of 1  
Job No. 90-150  
Date: 6/13/90  
By: J.W.C.  
YEAR BUILT: 1981

CLIENT: Safety-Kleen Corporation  
PLANT LOCATION: Farmington, New Mexico  
TYPE: Vault  
LEAK DETECTION TYPE: Visual  
SERVICE: Contain 12,000 gal used and fresh solvent tanks  
OUTSIDE DIMENSIONS: LENGTH 38'-2 WIDTH 23'-4  
INSIDE HEIGHT 3' @ corners; 3'-1 @ sump WALL TH. 8"  
CAPACITY: 18,200 gal LARGEST TANK CAPACITY 12,000 gal

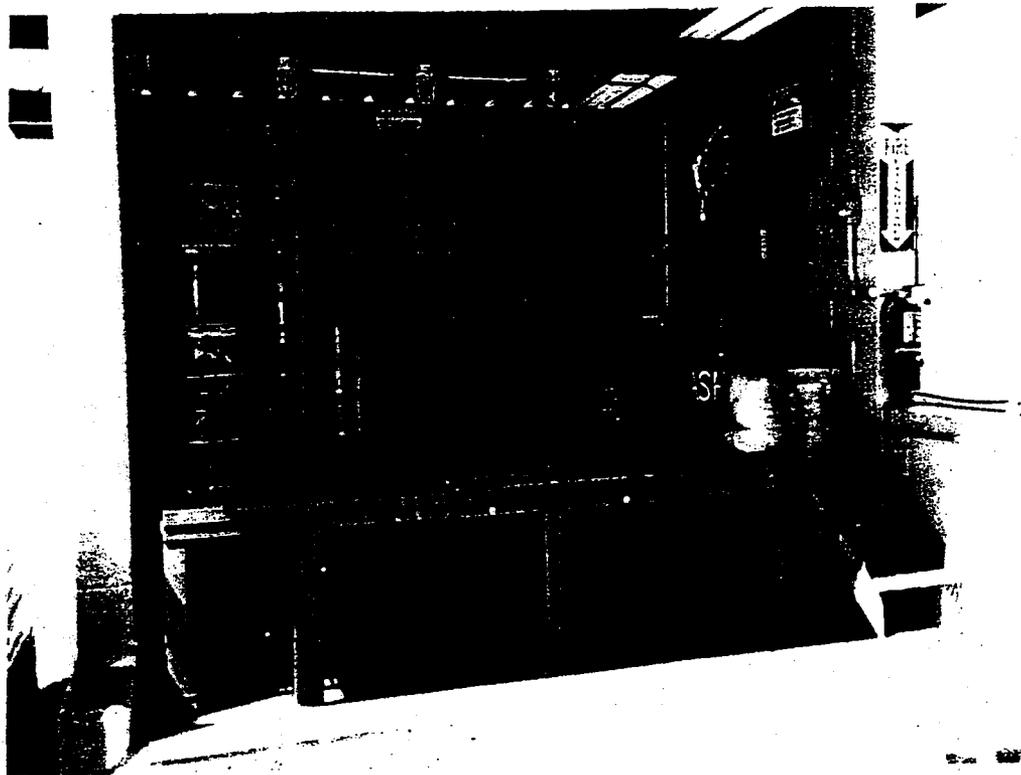
	<u>ROOF/TOP</u>	<u>WALL</u>	<u>BOTTOM</u>
CONSTRUCTION MATLS:	CMU (masonry) perimeter wall, R/C floor slab		
LININGS:	INTERIOR SC Polyurethane paint	EXTERIOR PRIMARY	Paint
JOINT TREATMENTS:	Sealed with interior lining paint		
ROOF/TOP CONDITION:	None		
WALL CONDITION:	Satisfactory		
BOTTOM CONDITION:	Satisfactory		
SUPPORT TYPE:	Slab on grade		
FOUNDATION CONDITION:	Satisfactory. Shrinkage cracks are sealed		
INTERNAL STRUCTURE CONDITION:	None		
JOINT CONDITION:	Satisfactory. All sealed w/epoxy and painted over		
LINING/COATING CONDITION:	Satisfactory. No shrinkage evident at crack repairs.		
LIQUID REMOVAL METHOD:	Hand pump and vacuum truck		
SIGNS OF CRACKS:	Normal shrinkage cracks, all sealed		
SIGNS OF LEAKAGE:	None		
SIGNS OF CORROSION:	None		
SIGNS OF EROSION:	None		
OPERATING CONDITIONS:	Open to atmosphere		
REFERENCE INSPECTION RECORDS:	None		
COMMENTS:	Containment structure appears to be in excellent condition. Masonry wall shows no cracking or other signs of settlement.		



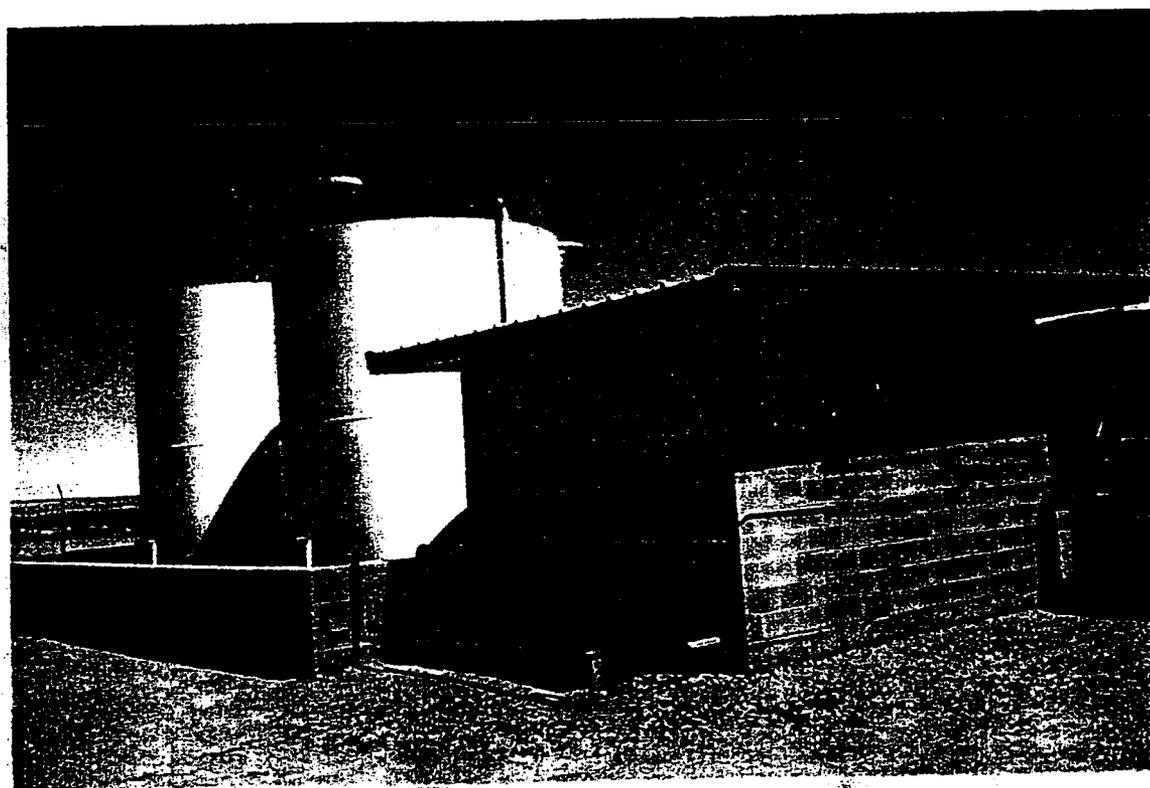
DETAILS OF PIPING TO TRUCK CONNECTIONS



ROOF AND FITTINGS ON USED SOLVENT TANK



DETAILS OF DUMP AND FILL DOCK



ALL PIPE JOINTS OUTSIDE CONTAINMENT ARE WELDED

TERA, INC.

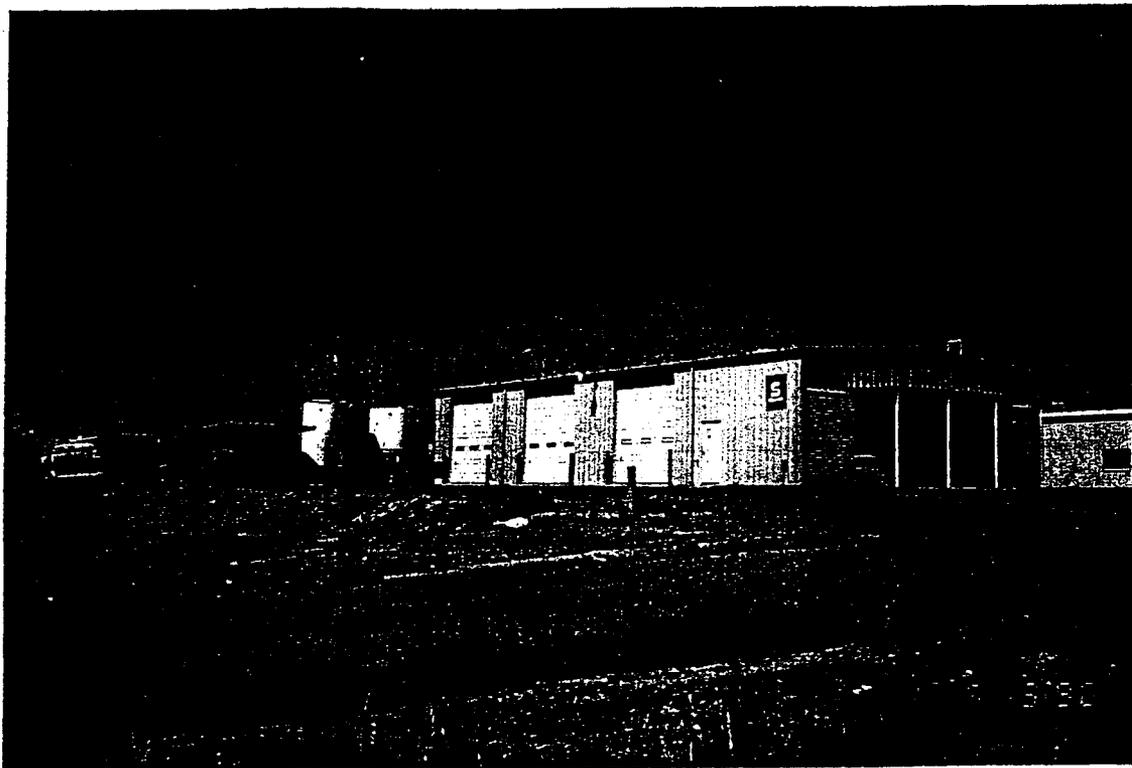
CONTAINMENT INSPECTION RECORD

Sheet: 1 of 1  
Job No. 90-150  
Date: 6/13/90  
By: J.W.C.  
YEAR BUILT: 1981

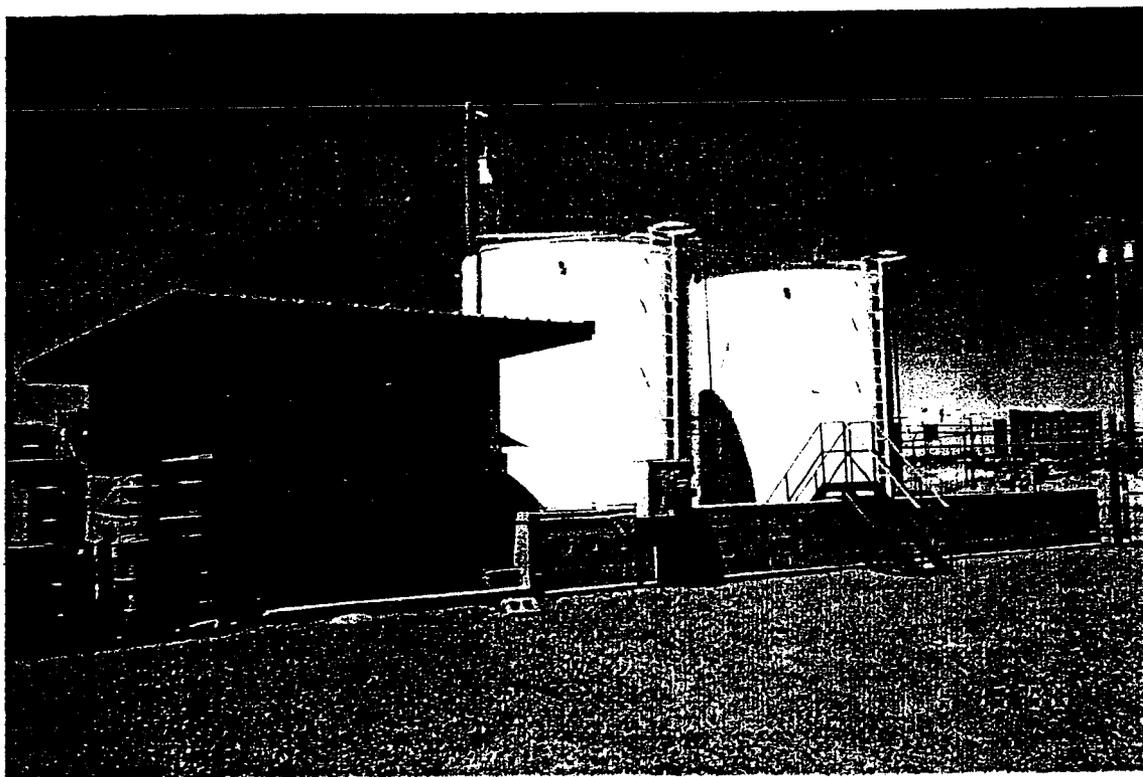
CLIENT: Safety-Kleen Corporation  
PLANT LOCATION: Farmington, New Mexico  
TYPE: Vault  
LEAK DETECTION TYPE: Visual  
SERVICE: Contain dumpster and other ancillary equipment at dump & fill dock

OUTSIDE DIMENSIONS: LENGTH 17'-6 WIDTH 11'-10  
INSIDE HEIGHT 7" curb all around, 8" wide  
CAPACITY: 740 gal LARGEST TANK CAPACITY 365 gal  
CONSTRUCTION MATLS: R/C all. Integral curb and floor slab  
LININGS: INTERIOR SC Polyurethane, paint EXTERIOR ANCILLARIES Paint  
JOINT TREATMENTS: None  
ROOF/TOP CONDITION: Satisfactory. Roof of dump & fill dock is roof for containment  
CURB CONDITION: Satisfactory  
BOTTOM CONDITION: Satisfactory  
SUPPORT TYPE: Slab on grade  
FOUNDATION CONDITION: Satisfactory. Shrinkage cracks are sealed  
INTERNAL STRUCTURE CONDITION: Satisfactory  
JOINT CONDITION: None  
LINING/COATING CONDITION: Satisfactory  
LIQUID REMOVAL METHOD: Hand pump, vacuum truck, hand dip from sump  
SIGNS OF CRACKS: Normal shrinkage cracks, all sealed  
SIGNS OF LEAKAGE: None  
SIGNS OF CORROSION: None  
SIGNS OF EROSION: None  
OPERATING CONDITIONS: Open to atmosphere  
REFERENCE INSPECTION RECORDS: None

COMMENTS: 1. Containment structure appears to be in excellent condition. Masonry walls supported on perimeter curb of containment show no cracking or other signs of settlement.  
2. Dumpster sits above containment floor on three 8"x8"x16" concrete masonry units.



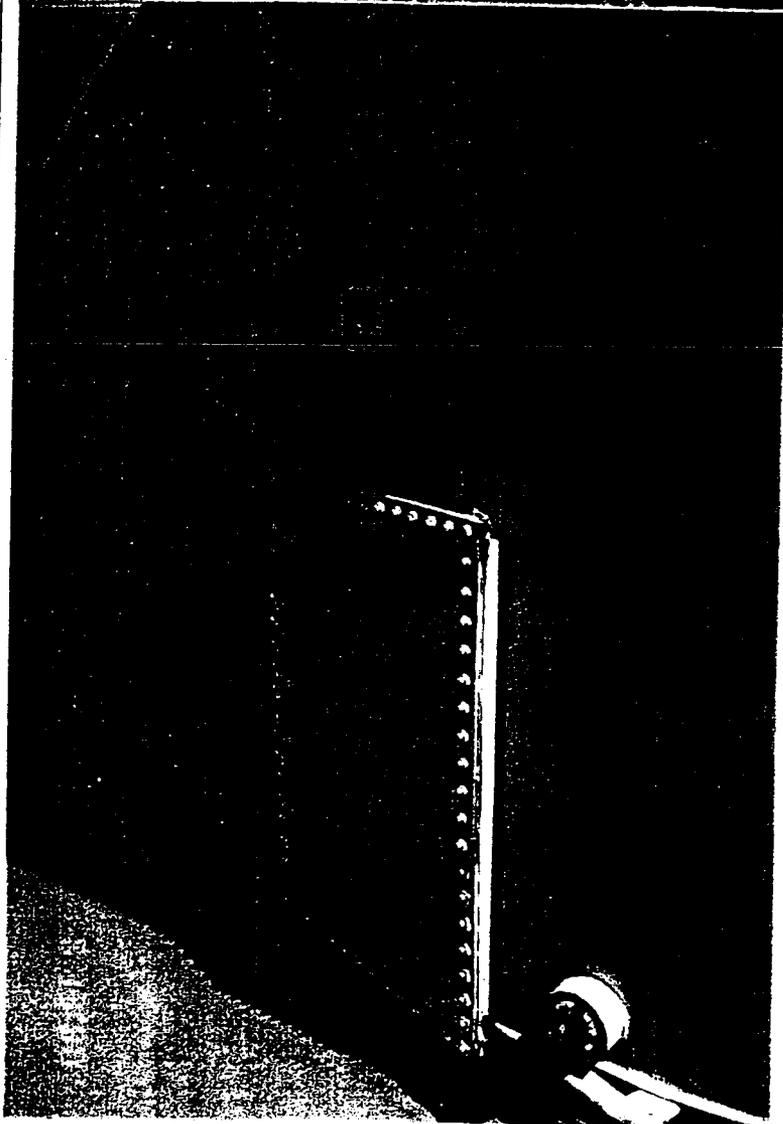
SAFETY-KLEEN SATELLITE BRANCH IN FARMINGTON



TANK FARM AND DUMP AND FILL DOCK



TYPICAL CONDITION OF TANK SHELL. NAME PLATE CARRIES API LOGO AND VERIFIES 12F CONSTRUCTION. CRACK IN FLOOR IS TIGHT AND SEALED WITH COATING



**ATTACHMENT E.3**

**CONTAINER STORAGE AREA CERTIFICATION**

**March 28, 2013**

**Farmington, NM**



# TERA, inc.

3100 South Gessner Road • Suite 650 • Houston, Texas 77063  
P.O. Box 770039 • Houston, Texas 77215-0039  
Tel. (713) 783-6292 • Fax (713) 783-3698

April 23, 1996  
96-400-018

Mr. Peter Olsen  
SAFETY-KLEEN CORP.  
2720 Girard NE  
Albuquerque, New Mexico 87107

Subject: Certification of Drum Storage Area, Farmington Branch, New Mexico

Dear Mr. Olsen:

On February 15, 1996, TERA conducted an inspection of the subject drum storage facility which is shown on attached Safety-Kleen Drawing No. 700821-7001-04. This inspection was to compare this facility to the requirements of 40 CFR 264 "Subpart I, Use and Management of Containers". This inspection was conducted by visual examination, measurements and calculations of available sump capacity.

## SYSTEM DESCRIPTION

The drum storage area is an integral part of the warehouse portion of the main building at Farmington (please refer to Safety-Kleen Drawing No. 700821-0001-00). The area is completely surrounded by a curb which is 4 3/4 high by 6.5 inches wide except at the truck door entrance. This area contains a grate covered trench open to the drum area. This trench collects any leakage that might occur in the drum storage area. The floor and driveway slope away from the trench on the outside edge. This prevents any run-on of precipitation.

## RESULTS OF INSPECTION

The following paragraphs compare this drum storage area to the requirements of 40 CFR 264.175:

- a. "Cracks, Gaps and Sufficiently Impervious" [40 CFR 264.175(b)(1)]

The area is free of any cracks or gaps and is coated such that it will contain leaks and spills. The entire unit is indoors under roof and thereby protected from any precipitation.

b. "Sloped to Drain" [40 CFR 264.175(b)(2)]

The floor area is sloped to drain to trench.

c. "Sufficient Capacity" [40 CFR 264.175(b)(3)]

The containment trench sizes are shown on the attached Safety-Kleen Drawing No. 700821-7001-04, Attachment B.

Calculations of trench capacity are shown on the drawing. This area has a trench capacity of 382 gallons, therefore it will support a storage capacity of 3,820 gallons.

d. "Run-on Prevented" [40 CFR 175(b)(4)]

The entire area is protected by its integral curb and appropriate sloping of the outside driveway at the doorway.

e. "Ignitable or Reactive Wastes" [40 CFR 264.176]

This area does not store flammables or reactive wastes.

f. "Incompatible Wastes" [40 CFR 264.177]

Wastes which are incompatible with one another are not stored in this area.

CERTIFICATION

Based on the results of the inspection and calculations, we conclude that this drum storage area meets the requirements of 40 CFR 264.175-177, Subpart I and New Mexico Environmental Improvement Board HWMR-6, Part 5.

\* \* \*

SAFETY-KLEEN CORP.  
Mr. Peter Olsen  
Page 3

TERA, Inc.  
April 23, 1996  
96-400-018

Should you have any questions on the above or if we can supply additional information, please contact me at 713/783-6292. Thank you for this opportunity to work with you and Safety-Kleen Corp.

Very truly yours,

TERA, Inc.



T. R. Barker, II, P.E.  
Principal



Thomas H. Wimbrow, P.E.  
President & Chief Engineer

TRB/da

Attachment



April 23, 1996

**ATTACHMENT F**  
**CONTINGENCY PLAN**

**March 28, 2013**

**Farmington, NM**

## CONTINGENCY PLAN

### ABSTRACT

**PURPOSE:** This plan describes the proper action to be taken by employees during an emergency.

**RESPONSIBILITIES:** The emergency coordinator or alternate is responsible for implementing the plan during an emergency.

**EMERGENCY COORDINATOR:** The branch manager is the emergency coordinator. The alternate emergency coordinator is a trained employee designated to this position by the emergency coordinator.

#### EMERGENCY NOTIFICATIONS:

Farmington Police Department	911 or (505) 334-6622
Farmington Fire Department	911 or (505) 599-1430
San Juan County Regional Medical Center	911 or (505) 325-5011
Safety-Kleen 24-hour Emergency Response	(800) 468-1760
New Mexico Health and Environment Dept.	(505) 827-9329
National Response Center	(800) 424-8802

## CONTINGENCY PLAN

### F.1 Purpose

The contingency plan describes the actions to be taken by each employee in the event of a spill, fire, explosion, or other emergency. It includes the information necessary to address emergency situations efficiently and in such a manner as to prevent or minimize hazards to human health or the environment due to fire, explosion, or any other release of hazardous materials to the air, soil, surface water, or ground water.

The contingency plan is to be implemented whenever there is a release of hazardous material which could threaten human health or the environment. It must be kept at the service center. The branch manager must insure that the contingency plan is updated as necessary.

### F.2 Emergency Coordinator Responsibilities

The emergency coordinator is responsible for implementing the contingency plan during an emergency; however, all employees must be familiar with the procedures in this plan and are responsible for proper implementation of the plan should the emergency coordinator or his alternate be unavailable. The branch manager (which may include the resource recovery manager, branch manager, branch automotive manager, etc., or designate) is the emergency coordinator and the alternate emergency coordinator is trained employee designated to this position by the branch manager.

The emergency coordinator and alternate must be familiar with all aspects of this contingency plan, the operations and activities at the facility, the location and characteristics of materials handled, the location of all records within the facility and the facility layout. In addition, these coordinators have the authority to commit the resources necessary to carry out the contingency plan. Their home addresses and telephone numbers, as well as the office telephone number, are listed in Attachment F.1. Also listed in Attachment F.1 are the assigned duties of each employee during an emergency. At least one employee will be at the facility or on call to respond to an emergency situation.

#### F.2.1 Responsibilities During an Emergency.

Whenever there is an emergency situation that requires implementation of this contingency plan, the emergency coordinator (or alternate when the emergency coordinator is not available) must immediately:

- a. activate the internal facility communication system to notify all facility personnel;
- b. notify Safety-Kleen's Emergency Response Coordinator using the 24-hour telephone number after working hours - 800/468-1760; and
- c. notify appropriate state or local agencies with designated response roles, if necessary.

Whenever there is a release, fire, or explosion, the emergency coordinator must immediately try to identify the character, exact source, amount, and extent of any contamination. Because of the limited number of materials being handled at the facility, he or she may do this by observation or by review of facility records. If necessary, outside laboratories may be contacted to perform chemical analysis.

Concurrently, the emergency coordinator must assess possible hazards to human health or the environment that may result from the release, fire, or explosion. This assessment must consider both direct and indirect effects of the release, fire, or explosion (e.g., the effects of any toxic, irritating, or asphyxiating gases that may be generated, or the effects of any hazardous run-off).

During an emergency, the emergency coordinator must take all measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous waste at the facility. These measures must include, where applicable, stopping processes and operations, collecting and containing released waste, and removing or isolating containers.

#### F.2.2 Remedial Action Responsibilities

If the environment has been contaminated or there is a potential for contamination as a result of a fire, explosion, or spill, the emergency coordinator must contact Safety-Kleen's Emergency Response Coordinators to report the incident. The treatment, storage and/or disposal of recovered waste, contaminated soil or surface water that results from an emergency situation must be arranged by Safety-Kleen and carried out as expeditiously as possible.

The emergency coordinator must ensure that, in the affected area(s) of the facility:

- a. no substance that may be incompatible with the released material is brought on site until cleanup procedures are completed; and
- b. all emergency equipment listed in the contingency plan is cleaned and fit for its intended use before operations are resumed.

#### F.2.3 Reporting Responsibilities

If the emergency coordinator determines that the facility has had a release that could threaten human health or the environment, the coordinator must report those findings as follows:

- a. If the assessment indicates that evacuation of local areas may be advisable, the coordinator must immediately notify appropriate authorities.
- b. The coordinator must immediately notify the Safety-Kleen Emergency Response Coordinator and the New Mexico Environment Department (NMED) of any spill or release of hazardous waste within 24 hours (except for spills of one pound or less that are immediately cleaned up). The facility will report to NMED the following:

- (1) name and telephone number of notifier;
- (2) name and address of facility;
- (3) time and type of incident (e.g., release, fire);
- (4) name and quantity of material(s) involved, to the extent known;
- (5) the extent of injuries, if any; and
- (6) the possible hazards to human health, or the environment outside the facility.

Safety-Kleen will notify the appropriate state and local authorities that the facility is in compliance with section F.2.2 before operations are resumed in the affected area(s) of the facility.

The emergency coordinator must document the time, date, and details of any incident that requires the implementation of the contingency plan. Within 30 days of the incident, Safety-Kleen will submit a written report on the incident to the New Mexico Environment Department. The report will contain the information set out in Pt. V, 264.196(d)(3) and must include:

- a. name, address, and telephone number of the owner or operator;
- b. name, address, and telephone number of the facility;
- c. date, time, and type of incident (e.g., fire, explosion);
- d. name and quantity of material(s) involved;
- e. the extent of injuries, if any;
- f. an assessment of actual or potential hazards to human health or the environment, where this is applicable; and
- g. estimated quantity and disposition of recovered material that results from the incident.

#### F.2.4 Chain of Command

Based on the emergency response procedures described above, the chain of command during an emergency is as follows:

- a. The person who discovers/causes the spill reports to the emergency coordinator; and
- b. The emergency coordinator contacts the Safety-Kleen Emergency Response Coordinator and the New Mexico Environment Department.

### F.2.5 Government Agencies and Local Authorities to Be Notified

During an emergency, the following government agencies and local authorities may be contacted:

<u>Agency or Authority</u>	<u>Rationale</u>
Police Department	Notify if there is imminent danger to human health.
Fire Department	Notify if there is a fire, explosion, uncontrolled spill, or other imminent danger.
Hospital	Notify if there are any injuries.
NMED	Report releases, fires, and explosions.

Arrangements have been made to familiarize the police department, fire department and local emergency response teams with the layout of the facility, the properties of hazardous materials handled and associated hazards, locations where facility personnel normally work, entrances to and roads inside the facility, and possible evacuation routes. Arrangements have also been made to familiarize the local hospital with the types of injuries or illnesses which could result from fires, explosions, or releases at the facility.

### F.3 Emergency Response Procedures

Response actions to be taken in specific emergency situations are described in the sections which follow.

#### F.3.1 Minor Spills

If a spill should occur while pouring spent solvent into a drum washer/dumpster or filling containers with solvent product at the return and fill station, and it is contained in the secondary containment at the base of the return and fill station, remedial action will not be necessary. Should the spill occur outside the containment, different actions must be taken depending on whether the spill occurs on a paved or unpaved area:

- a. If the solvent spills on a paved area, it must be collected with sorbent sheets and/or sorbent clay (such as "Oil Dry"). The sorbents will be collected, drummed and shipped to a Safety-Kleen recycle center or other permitted facility for proper treatment and/or disposal.
- b. If the solvent spills on an unpaved area, the free solvent must be collected with sorbent material. The sorbent material and any contaminated soil must be collected, drummed and shipped to a Safety-Kleen recycle center or other permitted facility for proper treatment and/or disposal.

If a spill occurs while moving or delivering containers outside of the container storage area, the response actions described in 'a' and 'b' above must be followed. Spills inside the container storage area will be prevented from contaminating the environment by the concrete floor and the secondary containment trenches. In the event of a spill indoors, the doors and windows should be opened to improve the ventilation in the confined area. If solvent is spilled in a non-explosion rated area or is flowing in such, insure that all sources of ignition (e.g., thermostats or light switches) are left in the same position (either on or off) as at the time of the spill. Procedures specified on the appropriate Material Safety Data Sheet (MSDS) will be used to respond to an emergency, the worker will enter the area wearing rubber gloves, aprons, safety glasses, and/or a respirator, collect the liquid, drum it, and return it to storage.

Cleanups are completed only when the workers have cleaned themselves and the emergency equipment with soap and water. All minor spills must be reported to the Safety-Kleen Emergency Response Coordinator and the coordinator will contact the New Mexico Environment Department (if the spill is of a reportable quantity).

### F.3.2 Major Spills

Any spill which cannot be completely remediated using the methods described in 'a' and 'b' of section F.3.1 is a major spill. A major spill is usually the result of a vehicular accident, tank overfilling, equipment failure or a fire. Spilled material which escapes collection can contaminate soil, surface water, ground water, sanitary sewer systems and storm sewer systems. Emergency response to this type of spill should be as follows:

- a. Assist any injured people.
- b. Stop the flow of materials, if possible.
- c. Retain, contain or slow the flow of the materials if it cannot be stopped.
- d. If solvent escapes containment efforts, immediately call the local Fire Department, and report to the emergency coordinator and the Safety-Kleen Response Coordinator.
- e. Immediately recover the spilled solvent to reduce property and environmental damage. Start recovery operations immediately.

The emergency coordinator shall report any incident as soon as possible to Safety-Kleen Emergency Response Coordinator using the 24-hour telephone number, (800) 468-1760. The emergency coordinator shall call an emergency cleanup response contractor, if it is deemed necessary, and report the incident to the National Response Center (telephone: 800/424-8802) and New Mexico Environment Department (telephone: (505) 827-9329 - 24 hour number).

The person reporting a spill should be prepared to give his name, position, company name,

F-6

address and telephone number. The person reporting should also describe the material spilled

and, if possible, some estimate of the amount, and the containment status and specify any equipment needed. Contaminated material resulting from remedial actions for major spills, will usually be disposed of at a properly permitted treatment or disposal facility.

Incidents will be documented and kept on file as part of the operating record. The incidents will be reviewed with branch personnel to prevent similar spills from occurring in the future.

### F.3.3 Fire Control Procedures

If a small fire occurs, personnel must act quickly with an appropriately rated fire extinguisher to put out the fire before it spreads. If it cannot be extinguished immediately the facility will be evacuated and the fire and police departments will be contacted.

It is Safety-Kleen's policy that personnel only respond to incipient fires; that is, those which can immediately be extinguished using a fire extinguisher. Any fire which cannot be brought under control immediately or which has the potential to become uncontrollable, warrants implementation of the evacuation plan. Ignitable waste at the Farmington facility is stored in specially designed tanks, or in containers in the container storage area.

Safety-Kleen personnel and local authorities must be aware of appropriate response procedures, should a fire occur at the facility. This may include isolating the hazardous area and donning an appropriate positive pressure breathing apparatus.

### F.4 Evacuation Plan

Exits are clearly marked in the warehouse and office area. Employees are trained to be aware of all potential escape routes. The facility evacuation plan is included in Attachment F.3.

When an uncontrolled fire or release has occurred, all personnel are to be evacuated from the area and assemble across Hawkins Road to assure that all personnel are accounted for and out of the hazardous area. The fire department must be notified at the time of evacuation either from a safe on-site building or from a neighboring facility.

### F.5 Arrangement With Emergency Response Contractors

An emergency response contractor is identified in the Contingency Plan Abstract (Page F-1) and on the Emergency Information Sheet (Attachment F.1). This contractor will provide emergency assistance during a release and/or cleanup.

### F.6 Pollution Incident History

There are no records of a pollution incident having occurred at this facility.

### F.7 Implementation Schedule

Where a hazard is imminent or an accident has already occurred, remedial action must be taken

immediately. The branch manager has the overall responsibility for remediating any discrepancies found during a routine inspection, and will consult with the corporate environmental and engineering staffs to design an implementation schedule.

#### F.8 Availability And Revision Of The Contingency Plan

This plan and all revisions to the plan are kept at the facility and regularly updated throughout the operating life of the facility. Copies of this document are provided to local authorities and organizations listed on the Emergency Information Sheet (Attachment F.1) and they may be called upon to provide emergency services. In addition, this plan and all revisions to the plan are made readily available to employees working at the facility.

The plan is reviewed and updated, if necessary, whenever:

- a. the facility permittee is modified to allow new wastes to be stored or treated, or applicable regulations are revised;
- b. the list or location of emergency equipment changes;
- c. the facility changes in its design, construction, operation maintenance, or other circumstances in a way that:
  - (1) increases the potential for fires, explosions, or releases of hazardous constituents, or
  - (2) changes the response necessary in an emergency;
- d. the names, addresses, or phone numbers of emergency coordinators change;
- e. the employee assigned to each emergency task changes; or
- f. the plan fails when implemented in an emergency.

**ATTACHMENT F.1**  
**EMERGENCY CONTACT LIST AND**  
**EMERGENCY EQUIPMENT LIST**

**March 28, 2013**

**Farmington, NM**

**CONTINGENCY PLAN ATTACHMENT 7-3  
EMERGENCY CONTACTS**

**SAFETY-KLEEN SYSTEMS, INC.  
4210 A HAWKINS ROAD  
FARMINGTON, NM 87401  
Phone: 505-327-9070  
Fax: 505-327-3023**

**A) FACILITY EMERGENCY COORDINATOR**

**NAME: RANDY WOOD  
TITLE: BRANCH GENERAL MANAGER  
HOME ADDRESS: 405 SWIRE AVE  
AZTEC, NM 87410  
TELEPHONE: 505-334-0665  
CELL PHONE: 505-860-6580**

**ALTERNATE EMERGENCY COORDINATOR**

**NAME: KIMBERLY HOLDEN  
TITLE: BRANCH ADMINISTRATOR  
HOME ADDRESS: 1012 SYCAMORE ST  
FARMINGTON, NM 87401  
TELEPHONE: 505-327-2881  
CELL PHONE: 505-801-5248**

**B) EMERGENCY NOTIFICATION TELEPHONE NUMBERS**

INTERNAL (24 HOUR) SAFETY KLEEN	1-800-468-1760
EXTERNAL: A: NATIONAL RESPONSE CENTER	1-800-424-8802
B: NMED HAZARDOUS AND RADIOACTIVE MATERIALS BUREAU.	1-505-827-9329

**C) DESIGNATED EMERGENCY RESPONSE AUTHORITIES**

A: FARMINGTON FIRE DEPARTMENT	EMERGENCY	911
	NON EMERGENCY	505-599-1430
B: FARMINGTON POLICE DEPARTMENT	EMERGENCY	911
	NON EMERGENCY	505-334-6622
C: SAN JUAN REGIONAL MEDICAL CENTER	EMERGENCY	911
	NON EMERGENCY	505-325-5011
D: CLEANUP CONTRACTOR	24 HOUR	800-468-1760
E: POISON CONTROL CENTER	24 HOUR	505-843-2551

## EMERGENCY EQUIPMENT LIST

The following equipment shall be located in the locker room area and the supply checked monthly:

Gloves - Gloves which are compatible with parts washer solvents are to be used when handling the solvents.

Safety Glasses or Face Mask - Whichever the worker prefers, is to be worn when loading or unloading the solvent.

Plastic Aprons - Are available for the situations where a solvent may get on the worker's clothing.

Shovels - In the event of a spill, shovels will be used to pick-up contaminated sorbent material.

Decontamination of all equipment is accomplished by washing with soap and water.

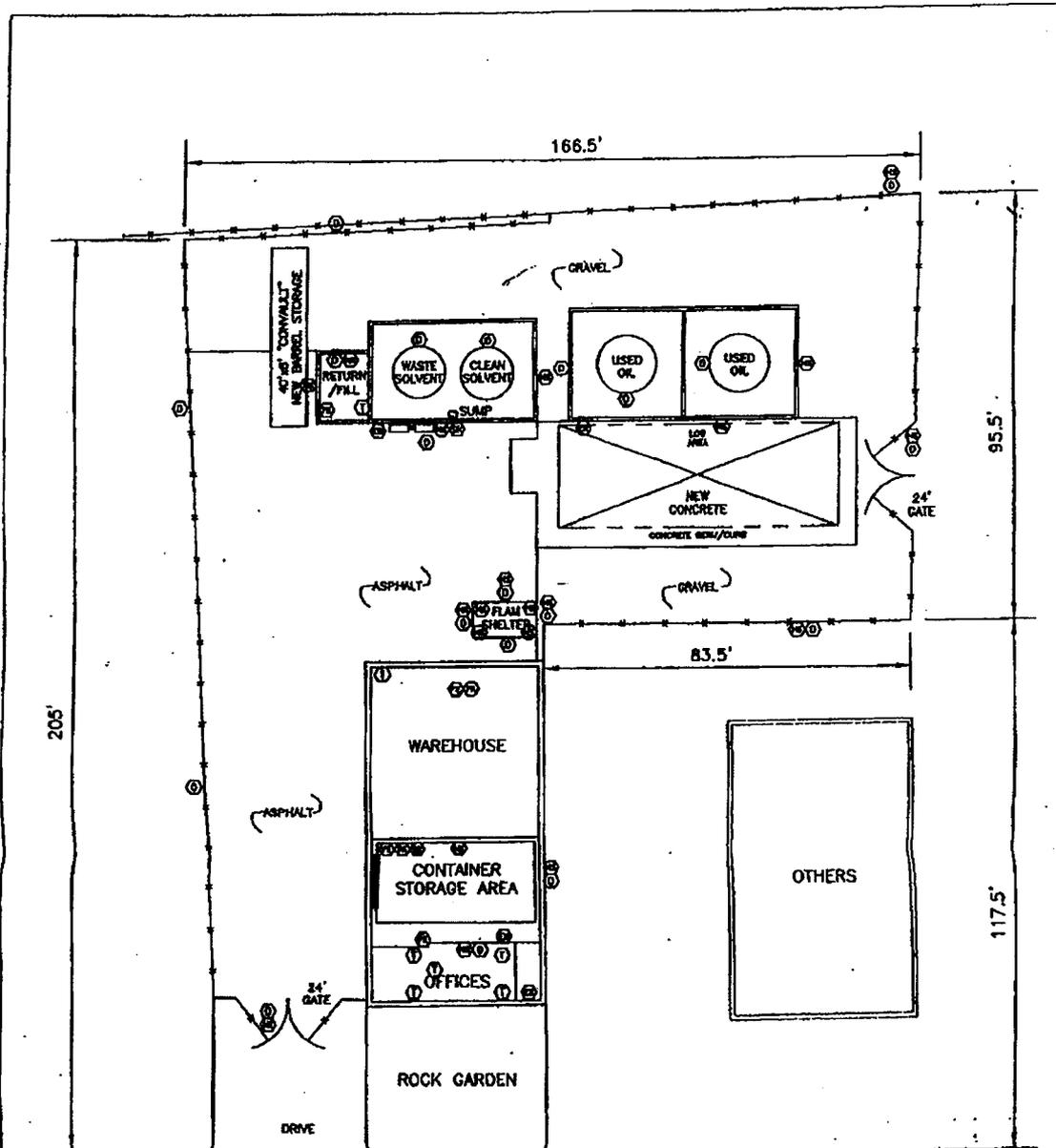
**Eye Wash Stand** - The eye wash stations are at several locations located at the Service Center and Accumulation Center, as shown on Figure E-3. The workers should try the stand and be familiar with its preparation. The eye wash stand should be checked once a week for operation.

**Showers**--Should be checked periodically to ascertain that they are operational. Located in locker room area. Eye wash stands are equipped with a hand-held spray nozzle, which may also be used as a shower.

**Ventilation**--Any area that is closed and collects vapors should be avoided or equipped with proper fans to ensure adequate ventilation.

**Fire Extinguisher**--Each center should have a minimum of two 10-pound ABC extinguishers, located at the points where solvents are transferred. An ABC extinguisher is a universal system used on paper, wood and electrical, as well as solvent fires. The extinguishers must be full and carry an inspection tag.

**Absorbent Material**--An adequate supply (200 sheets, 2 bales and/or vermiculate) should be on hand to handle small spills. Located in the loading and unloading area and warehouse. In the event of a spill, contaminated absorbent material will be placed in drums and handled as hazardous waste.



**EMERGENCY EQUIPMENT**

- ① - TELEPHONE
- ② - FIRE EXTINGUISHER
- ③ - FIRST AID STATION
- ④ - "DANGER" SIGN (may also include "No Smoking" and "Caution" signs)
- ⑤ - "NO SMOKING" SIGN
- ⑥ - EYE WASH STATION
- ⑦ - EMERGENCY SHOWER
- ⑧ - SPILL KIT

HAWKINS RD.

A Tallyho Corporation representative conducted a field inspection to verify construction, equipment, components, dimensions and labeling conditions on February 28, 2001. Some discrepancies to visual observation were not field verified during inspection. Notes have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.



REVISIONS	
Date	By



**FIGURE F-1**  
**EMERGENCY EQUIPMENT**  
**LOCATION PLAN**  
**4210A HAWKINS RD.**  
**FARMINGTON N.M.**

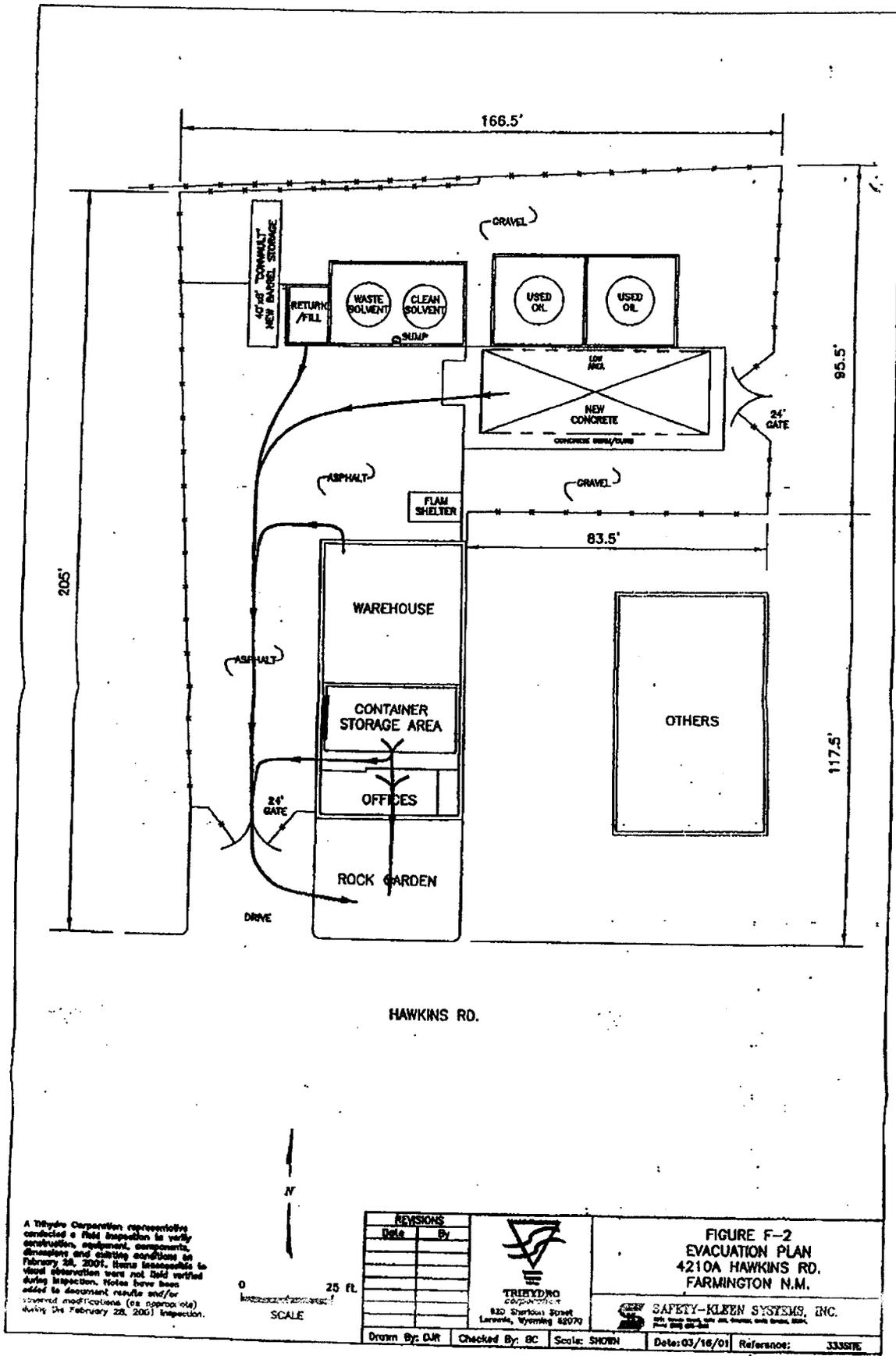
**SAFETY-KLEEN SYSTEMS, INC.**  
221 West 2nd, Suite 201, Farmington, New Mexico, 88401  
Tel: 505-325-1111

Drawn By: BAR    Checked By: BC    Scale: SHOWN    Date: 03/18/01    Reference: 83391E

**ATTACHMENT F.3**  
**EVACUATION PLAN**

**March 28, 2013**

**Farmington, NM**



HAWKINS RD.

A Trihydro Corporation representative conducted a field inspection to verify construction, equipment, components, dimensions and existing conditions on February 28, 2001. Items inaccessible to visual observation were not field verified during inspection. Notes below have been added to document results and/or observed modifications (as appropriate) during the February 28, 2001 inspection.

0 25 ft SCALE

REVISIONS	
DATE	BY



**FIGURE F-2  
EVACUATION PLAN  
4210A HAWKINS RD.  
FARMINGTON N.M.**

**SAFETY-KLEEN SYSTEMS, INC.**  
201 South Street, Suite 200, Farmington, NM 87401  
505-325-2211

Drawn By: DMR Checked By: BC Scale: SHOWN Date: 03/16/01 Reference: 33357E

**ATTACHMENT G**  
**CLOSURE PLAN**

**March 28, 2013**

**Farmington, NM**

## CLOSURE PLAN

### ABSTRACT

LOCATION ADDRESS: Safety-Kleen Systems, Inc. (7-008-21)  
4210 A Hawkins Road  
Farmington, New Mexico 87401

U.S. EPA I.D. NO: NMD 980698849

#### WASTE UNITS TO UNDERGO CLOSURE:

- a. Tank Storage - one 12,000 gallon aboveground storage tank used to store used parts washer solvents.
- b. Drum Storage - an area of about 187 square feet with a storage capacity of 3,820 gallons.
- c. Return and Fill Station - This waste management unit is used to transfer wastes to the used parts washer solvent tank. It can hold 175 gallons of waste.

The volumes shown above are the maximum amounts which will be stored at this facility.

## CLOSURE PLAN

### G.1 Purpose

The Farmington service center operates as a storage facility for hazardous wastes. The hazardous waste management units (HWMUs) must be closed in accordance with the closure requirements of 40 CFR 264.110 through 40 CFR 264.115. Closure of the facility HWMUs will be carried out in accordance with this plan. An itemized schedule and closure cost estimate are in Attachment G.1. Safety-Kleen will remediate any hazardous wastes from the facility to a level that is protective of human health and the environment. Upon completion of closure activities, the need for further maintenance will be minimized or eliminated.

The HWMUs, which are subject to closure, are described in the Closure Plan Abstract. The units include one aboveground storage tank system, a return and fill station with drum washers (ancillary equipment) and a container storage area. This closure plan identifies steps necessary to conduct facility closure, or closure of a unit (partial closure) at any point during its intended operation life.

### G.2 Aboveground Tanks And Associated Piping

To safely clean and decontaminate the aboveground storage tank (one 12,000-gallon used parts washer solvent tank), the following activities will be performed during partial or final closure (as appropriate):

- a. Remove the remaining material from the tank and send the materials to a recycle center, reclaimer or other permitted treatment/disposal facility.
- b. Provide access to the tank undergoing closure or decontamination.
- c. Pressure wash with detergent solution, scrape, squeegee (if necessary) and triple rinse the tank interior, removing all residual waste material and rinsate.
- d. Disconnect and decontaminate all appurtenant piping and pumping equipment.
- e. Visually inspect the tank and appurtenant piping, equipment or underlying surfaces for evidence of leakage (i.e., staining and residue).
- f. Remove tank, piping and appurtenant equipment for offsite reuse or sell as scrap. The tank may also remain onsite for reuse (if applicable for partial closure).
- g. Transport and properly dispose or treat waste material generated during closure.

During closure of the tank system, Safety-Kleen will remove or decontaminate waste residues, contaminated system components, contaminated soils, structures and equipment contaminated

with waste, and manage these materials as hazardous waste, unless determined to be non-hazardous. The procedures for tank decontamination and/or partial or final closure are described below.

#### G.2.1 Removal of Waste Material and Opening of the Tank

The contents of the tank must be removed using a pump, vacuum or similar equipment and then be shipped to a recycle center, reclaimer or other permitted treatment/disposal facility. To gain access, the manway at the bottom of the tank will be used. Depending on the type of opening and the condition of the equipment, a variety of tools may be used to open the manway. Care must be exercised to minimize spark generation when working on the tank.

Prior to entering the tank, personnel should have appropriate protective respiratory protective equipment and protective clothing. Once the tank has been opened, it must be provided with positive ventilation. The tank will then be inspected to determine the approximate quantity and physical conditions of any residual waste material, as well as the integrity of the tank system.

Procedures for purging or venting tanks are described in API, RP1604 "Removal and Disposal of Used Petroleum Storage Tanks" and OSHA "Permit Required Confined Spaces" (29 CFR 1910.146). The contractor will monitor vapors to ensure the tank atmosphere has combustible gas concentrations of less than 10% of the lower explosive limit (LEL).

#### G.2.2 Removal of Residual Waste and Cleaning of Tank

The method used to remove the residual waste material from the tank will depend on the physical properties and quantities of that material. Prior to any person entering the tank, an effort will be made to remove as much liquid and sediment as possible (see section G.2.1).

Subsequent to removing the majority of the material from the tank, the tank interior will be washed using a high-pressure wash system and a detergent-water solution to decontaminate the walls, roof, and floor of the tank. The tank interior will then be rinsed with tap water. The wash/rinse water will be collected and shipped to a recycle center, reclaimer or other permitted treatment/disposal facility. The quantity of wash/rinse water will be kept to a minimum to limit the amount of waste material.

Similar procedures will be implemented to remove residual wastes and decontaminate the tank piping and ancillary equipment. The piping will be decontaminated with a detergent-water solution, rinsed with tap water, and either reused or removed and cut into manageable sized pieces for disposal as scrap.

Storage tanks are considered confined spaces (i.e. spaces open or closed having a limited means of egress in which poisonous gases or flammable vapors might accumulate or an oxygen deficiency might occur), and confined space entry requires special procedures. Confined space entry will be conducted in accordance with 29 CFR 1910.146. Tank entry procedures will be specified in the site health and safety plan. In all cases, personnel performing

closure activities must have completed 40-hour OSHA hazardous waste training requirements (29 CFR 1910.120).

### G.2.3 Removal of the Tank (if required)

Following removal of wastes and decontamination activities, the tank may be reused onsite (partial closure) or at an offsite location, or scrapped. If the tank is to be transported offsite or scrapped, the following procedures will be observed to safely remove the tank:

- a. Disconnect all appurtenant piping.
- b. Disconnect all appurtenant pumping equipment.
- c. If the tank is to be scrapped, the tanks and equipment will be removed and recycled in accordance with 40 CFR 261.1(c)(6) and (7). Verification of destruction will be provided by the contractor or scrap metal facility.
- d. If the tank is to be reused following decontamination, the final rinsate will be sampled. The rinsate sample will be analyzed for volatile organic compounds. If the total volatile organic compound concentration is less than 1mg/L, the tank will be considered properly decontaminated. If the results are greater than 1 mg/L, the decontamination procedures will be re-performed.

### G.2.4 Tank Containment Area Decontamination

Following decontamination and removal of the aboveground tank and piping, the concrete slab containment area will be inspected by an independent registered Professional Engineer (or designate). The inspection will document whether any waste related staining or lapses in the tank secondary containment system exist that may have allowed the potential for waste to migrate to underlying soils and/or groundwater. In the absence of waste related staining and/or lapses of integrity, further evaluation of the potential for wastes to impact human health or the environment will not be considered necessary to complete closure.

The tank containment area will be decontaminated with a detergent water solution and triple rinsed. Any through-going cracks or gaps in the containment slab observed during the inspection will be sealed prior to washing to prevent wash water from migrating to underlying soils. The wash/rinse water will be containerized and managed as a hazardous waste.

If the containment area is to remain in place at closure, a sample of the final rinsate will be collected and analyzed for VOCs. If total VOC concentrations are less than 1 mg/L, the containment area will be considered properly decontaminated. If total VOCs are detected above 1 mg/L, the containment area will be re-cleaned and sampled.

If the containment area will be removed at closure, a rinsate sample will not be collected. The diked walls and concrete slab will then be excavated, loaded and transported for disposal at a concrete recycler (or similar) for disposal. The excavation will be filled with clean backfill (if necessary) and graded to match ground level.

### G.3 Container Storage Area

The container storage area is used for the storage of containers of used immersion cleaner, dry cleaning waste, paint waste, or other non-regulated wastes or products. At closure, all the contents of the containers will be removed and transported to an appropriate permitted hazardous waste management facility after proper packaging, labeling and manifesting.

The concrete floor and containment trenches will be high-pressure cleaned with a detergent-water solution and triple rinsed with tap water. The final rinsate will be sampled and analyzed for volatile organic compounds to determine the effectiveness of the cleaning. If the total volatile organic compound level is less than 1 mg/L, the container storage area will be considered properly decontaminated. If the results are greater than 1 mg/L, the decontamination procedures will be re-performed. All rinsate wastes from the container storage area closure process will be reclaimed or properly treated at a permitted facility.

Following decontamination of the container storage area, the containment area will be inspected by an independent registered Professional Engineer (or designate). The inspection will document any potential lapses of integrity that may have allowed potential migration of wastes outside the containment area. In the absence of any waste related staining and/or lapses of integrity, further evaluation of the potential for wastes to impact human health or the environment will not be necessary.

### G.4 Solvent Return And Fill Station

The return and fill station is used to collect and return the used solvents to the waste storage tank and to dispense clean solvents into containers. At closure, the sediment in the drum washer/dumpster will be removed, containerized, labeled, and manifested for proper treatment and/or disposal through a Safety-Kleen Recycling Center, reclaimer or other treatment/disposal facility.

The drum washer(s), containment area and the dock structure will be washed with a detergent solution and rinsed. The rinsate may either be discharged through the appurtenant piping system into the storage tank (prior to cleaning and removing the storage tank), or contained within separate containers, vacuum truck or other appropriate storage device. The clean drum washer/dumpster and dock structure will be staged for reuse or scrapped. Wastes generated during closure of the return and fill structure will be transported to a permitted hazardous waste facility.

If the return and fill dock structure or drum washers will be reused, a sample will be collected of the final rinsate. If the return and fill station and/or components will be scrapped during closure, rinsate samples will not be collected. The concrete containment slab and curbing will also be decontaminated with a detergent-water solution, high-pressure spray and triple rinsed with tap water. A sample will be collected of the final rinsate. The rinsate sample(s) will be analyzed for volatile organic compounds. If the total volatile organic compound concentration is less than 1 mg/L, the components will be considered properly decontaminated. If the results are greater

than 1 mg/L, the decontamination procedures will be re-performed.

Following decontamination, the secondary containment structure will be inspected by an independent registered Professional Engineer (or designate). The inspection will document any potential lapses of integrity that may have allowed potential migration of wastes outside the containment area. In the absence of waste related staining and/or lapses of integrity, further evaluation of the potential for wastes to impact human health or the environment will not be necessary.

#### G.5 Soil Sampling

If the results of the inspections for the HWMUs indicate lapses of integrity exist in the secondary containment system(s) that may have allowed the potential for waste to migrate to underlying soils, soil samples may be collected. If the inspection indicates no lapses of integrity, soil samples will not be necessary to complete closure.

If determined to be necessary based on the inspections of the HWMUs, soil samples will be collected from immediately beneath the concrete slab or containment area. Soil samples will be analyzed for volatile organic compounds, semivolatile organic compounds and metals (cadmium, chromium and lead). If constituents are detected, the concentrations may be compared to appropriate risk-based screening levels to determine whether the HWMU(s) may be closed.

#### G.6 Facility Closure Schedule And Certification

Within 90 days of receiving the final volume of hazardous wastes, Safety-Kleen will remove all hazardous wastes from the site in accordance with the approved closure plan. The New Mexico Environment Department may approve a longer period if Safety-Kleen demonstrates that the activities required to comply with this paragraph will, of necessity, take longer than 90 days to complete or the following requirements are met:

- a. the facility has the capacity to receive additional wastes;
- b. there is a likelihood that a person other than Safety-Kleen will recommence operation of the site; and/or
- c. closure of the facility is incompatible with continued operation of the site. In this case, Safety-Kleen will take all steps necessary to prevent threats to human health and the environment.

Safety-Kleen will complete closure activities in accordance with the approved closure plan and within 180 days after receiving the final volume of wastes. When closure is completed, Safety-Kleen shall submit to NMED certification, both by the operator and by an independent registered professional engineer, that the facility has been closed in accordance with the approved closure plan and 40 CFR 264.115.

**ATTACHMENT G.1**  
**CLOSURE SCHEDULE AND ESTIMATED CLOSURE COSTS**

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Branch Service Center, [Farmington, NM]

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal Cost
<b>1. INVENTORY REMOVAL</b>				
<u>Assumptions</u>				
- Waste mineral spirits tank(s) is full			<b>Capacity (gallons)</b>	
- Tank One			12000	
- Tank Two (IF APPLICABLE)			0	
	<b>Total Tank Capacity</b>		<u>12000</u>	
- Return/Fill station is full				
- Maximum capacity of drum washers added to waste mineral spirits tank quantity			750	
- Container storage area(s) full				
- CSA 1			3820	
- CSA 2 (IF APPLICABLE)			0	
	<b>Total CSA Capacity</b>		<u>3820</u>	
<u>Subcontractor Costs</u>				
- Transfer tank contents to tankers				
Tank Capacity (total gallons)			12750	
Work Rate to Unload Tank Capacity (hours per gallon)			0.0003	
Total Hours to Unload			3.8	
Labor and equipment rate to unload (PPE Level D) and cost	Labor/equipment	\$175.95	3.8	\$673
- Transport waste mineral spirits to a TSD for treatment/disposal				
Number of tanker trailers required (6,000 gallons max each load)			3	
Cost per mile = \$5.64/mile				
Mileage = 300 miles (Number in second column is 300 miles x number of trucks)	Transport = 300 miles each	\$5.64	900	\$5,076
Disposal/treatment cost (per gallon - low cost based on suitability for fuel)	TSD @ \$0.45/gallon	\$0.450	12750	\$5,738
- Transfer drums from CSA(s) to trucks				
Labor/Equipment (PPE Level D)	Labor/equipment per drum	\$3.57	70	\$250
(Number in second column is number of drums determined from total CSA capacity)				
- Transport drums to TSD for Treatment/Disposal				
Total Number of Drums (Number is total of CSA drums and Flam Shed drums)			70	
Total Number of Trucks Required to Transport Drums (84 per truck max)			1	
Cost per mile = \$5.64/mile				
Mileage = 300 miles (Number in second column is 300 miles x number of trucks)	Transport trailer(s) x 300 miles	\$5.64	300	\$1,692
Disposal/treatment cost (per drum - low cost based on suitability for fuel)	TSD @ \$90/drum	\$90	70	\$6,300
	<b>Activity 1. Subtotal</b>			<b>\$19,728</b>
<b>2. STORAGE TANK DECONTAMINATION</b>				
<u>Assumptions:</u>				
- The tanks, piping and appurtenant equipment are decontaminated and remain in place				
- Rinsate sampling necessary because the tank will remain in place. Assumes 1 rinsate sample per tank.				
- Includes decontamination of the containment area				
- Assumes containment area to remain in place following decontamination				
- Assumes 1 rinsate sample required to leave containment in place				
- Assumes 2 soil samples required from beneath containment area. Actual number of samples will be based on engineer's inspection.				
- Tank Interior Square Footage (based on tank volume)			<b>Square Footage</b>	
- Tank 1			781	
- Tank 2 (IF APPLICABLE)			0	
	<b>Total Tank Interior Square Footage</b>		<u>781</u>	
- Tank Farm Containment Square Footage (includes floor and walls)			1168	
<u>Prime Contractor Costs</u>				
- Costs for oversight and engineers inspection included in Closure Certification Activity below				
- Collect Rinsate Sample(s) (1 per tank and 1 per containment)				
Work Rate for Sampling (hours per sample)			0.5000	
Number of Samples			1	
Labor and equipment per work hour (PPE Level D)	Labor/equipment	\$91.88	0.50	\$46
- Drilling for Soil Samples (2.5 in boring to 1 ft each)				
Work Rate for Drilling (hours per foot)			0.3050	
Number of Feet (subslab sample depth = 1 foot each)			2	
Labor and equipment per work hour (PPE Level D)	Labor/equipment	\$146.29	0.61	\$89
- Collect 2 Soil Samples				
Work Rate for Sampling (hours per sample)			0.5000	
Number of Samples			2	
Labor and equipment per work hour (PPE Level D)	Labor/equipment	\$91.88	1.00	\$92
<u>Subcontractor Costs</u>				
- Decontaminate waste AST, piping and appurtenant equipment				
Work Rate to Pressure Wash (hours per square foot)			0.0405	
Area of Tanks to be decontaminated			781	
Labor and equipment for tank decon (PPE Level C)	Labor/equipment	\$97.23	32	\$3,074
- Decontaminate Tank Containment Area				
Work Rate to Pressure Wash 1 sq ft (hours per square foot)			0.0405	
Total Area of Containment (includes walls and floor)			1168	
Labor and equipment for CSA decon (PPE Level D)	Labor/equipment	\$65.77	47	\$3,111
<u>Laboratory Subcontractor Costs</u>				
- Analyze rinsate sample(s) from tank(s) and containment area for VOCs, SVOCs and RCRA metals				
VOCs @ \$189/sample				
SVOCs @ \$359/sample				
8 RCRA Metals @ \$110/sample				
Total per sample cost		\$658	1	\$658
- Analyze soil sample(s) from containment area for VOCs, SVOCs and RCRA metals				
VOCs @ \$189/sample				
SVOCs @ \$359/sample				
8 RCRA Metals @ \$110/sample				
Total per sample cost		\$658	2	\$1,316
	<b>Activity 2. Subtotal</b>			<b>\$8,386</b>

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Branch Service Center, [Farmington, NM]

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal Cost
<b>3. DECONTAMINATE THE RETURN/FILL STATION</b>				
<u>Assumptions:</u>				
- Decontamination shall consist of washing with detergent/water solution and rinsing with high-pressure spray				
- Return/Fill structure and dock area will remain in place following decontamination				
- Drum washers to remain in place or sent offsite for reuse following decontamination				
- Rinsate sampling required from each drum washer to remain in place or sent offsite for reuse, and from containment				
- Assumes 2 soil samples required from beneath containment area. Actual number of samples will be based on engineer's inspection				
- Square footage used for decontamination includes containment, dock and drum washer units				
			<b>Square Footage</b>	
			<b>1000</b>	
<u>Prime Contractor Costs</u>				
-Costs for oversight and engineers inspection included in Closure Certification Activity below				
- Collect Rinsate Samples (1 per drum washer plus containment)				
Work Rate for Sampling ( hours per sample)			0.5000	
Number of Samples			2	
Labor and equipment per work hour (PPE Level D)	Labor/equipment	\$91.88	1.00	\$92
- Drilling for Soil Samples (2.5 in boring to 1 ft each)				
Work Rate for Drilling ( hours per foot)			0.3050	
Number of Feet (subslab sample depth = 1 foot each)			2	
Labor and equipment per work hour (PPE Level D)	Labor/equipment	\$146.29	0.61	\$89
- Collect Soil Samples				
Work Rate for Sampling (per sample)			0.5000	
Number of Samples			2	
Labor and equipment per work hour (PPE Level D)	Labor/equipment	\$91.88	1.00	\$92
<u>Subcontractor Costs</u>				
- Decontaminate waste AST, piping and appurtenant equipment				
Work Rate to Pressure Wash (hours per square foot)			0.0405	
Area of Return/Fill to be decontaminated			1000	
Labor and equipment for tank decon (PPE Level C)	Labor/equipment	\$97.23	41	\$3,938
<u>Laboratory Subcontractor Costs</u>				
- Analyze 1 rinsate sample per drum washer and containment for VOCs, SVOCs and RCRA metals	VOCs @ \$189/sample SVOCs @ \$359/sample 8 RCRA Metals @ \$110/sample Total per sample cost	\$658	2	\$1,316
- Analyze soil sample(s) from containment area for VOCs, SVOCs and RCRA metals	VOCs @ \$189/sample SVOCs @ \$359/sample 8 RCRA Metals @ \$110/sample Total per sample cost	\$658	2	\$1,316
	<b>Activity 3. Subtotal</b>			<b>\$6,843</b>
<b>4. DECONTAMINATE CONTAINER STORAGE AREA(S)</b>				
<u>Assumptions:</u>				
- Decontamination shall consist of washing with a detergent water solution and rinsing with a high-pressure spray				
- CSA(s) to remain in-place following closure				
- Decontamination of CSA includes floor, curbing and containment trenches				
- Assumes 1 rinsate and 2 soil samples required per CSA. Actual number of soil samples will be based on engineer's inspection.				
- CSA Containment Square Footage				
- CSA 1			629	
- CSA 2 (IF APPLICABLE)			0	
	<b>Total CSA Square Footage</b>		<b>629</b>	
<u>Prime Contractor Costs</u>				
-Costs for oversight and engineers inspection included in Closure Certification Activity below				
- Collect Rinsate Samples (1 per CSA)				
Work Rate for Sampling (hours per sample)			0.5000	
Number of Samples			1	
Labor and equipment per work hour (PPE Level D)	Labor/equipment	\$91.88	0.50	\$46
- Drilling for Soil Samples (2.5 in boring to 1 ft each)				
Work Rate for Drilling ( hours per foot)			0.3050	
Number of Feet (subslab sample depth = 1 foot each x number of samples)			2	
Labor and equipment per work hour (PPE Level D)	Labor/equipment	\$146.29	0.61	\$89
- Collect Soil Samples				
Work Rate for Sampling (hours per sample)			0.5000	
Number of Samples			2	
Labor and equipment per work hour (PPE Level D)	Labor/equipment	\$91.88	1.00	\$92
<u>Subcontractor Costs</u>				
- Decontaminate CSA(s)				
Work Rate to Pressure Wash (hours per square foot)			0.0405	
Total Area of Permitted CSA(s) to be decontaminated			629	
Labor and equipment for CSA decon (PPE Level D)	Labor/equipment	\$65.77	25	\$1,675
<u>Laboratory Subcontractor Costs</u>				
- Analyze rinsate sample(s) from each CSA for VOCs, SVOCs and RCRA metals	VOCs @ \$189/sample SVOCs @ \$359/sample 8 RCRA Metals @ \$110/sample Total per sample cost	\$658	1	\$658
- Analyze 2 soil sample(s) from each CSA for VOCs, SVOCs and RCRA metals	VOCs @ \$189/sample SVOCs @ \$359/sample 8 RCRA Metals @ \$110/sample Total per sample cost	\$658	2	\$1,316
	<b>Activity 4. Subtotal</b>			<b>\$3,877</b>

Table 1. Closure Cost Estimate Worksheet, Safety-Kleen Branch Service Center, [Farmington, NM]

Activity	Category	Hourly Rate or Unit Charge	Hours or Unit Estimate	Subtotal Cost
<b>5. CONTAINERIZE, STAGE, TRANSPORT AND DISPOSE OF DECONTAMINATION WASTES</b>				
<u>Assumptions:</u>				
- Amount of decon wash water generated derived from previous closure experience. Quantity based on approximately 0.8 gal/ sq ft for tank systems and 0.1 gal/sq ft for containment area floors				
Unit Description	Square Footage	Number Gallons	Number Drums	
STORAGE TANK DECONTAMINATION	781	625	12	
DECONTAMINATE TANK CONTAINMENT	1,168	117	3	
DECONTAMINATE THE RETURN/FILL STATION	1,000	800	15	
DECONTAMINATE CONTAINER STORAGE AREA(S)	629	63	2	
PPE, CONSUMABLES, DEBRIS	NA	NA	5	
- Purchase 55-gallon drums to containerize wash water	Drums @ \$83 each	\$83	37	\$3,378
<u>Subcontractor Costs</u>				
- Transfer drums to trucks				
Labor/Equipment (PPE Level D)	Labor/equipment per drum	\$3.57	37	\$132
- Transport drums to TSD for Treatment/Disposal				
Total Number of Trucks Required to Transport Drums (84 per truck max)			1	
Cost per mile = \$5.64/mile				
Mileage = 300 miles (Number in second column is 300 miles x number trucks)	Transport trailer(s) x 300 miles	\$5.64	300	\$1,692
Disposal/treatment cost (per drum - low cost based on lack of hazardous constituents)	TSD @ \$90/drum	\$90	32	\$2,880
Disposal/treatment cost for PPE drums (assumed haz to landfill)	TSD @\$250/drum	\$250	5	\$1,250
	Activity 5. Subtotal			\$9,332
<b>6. CLOSURE CERTIFICATION</b>				
<u>Assumptions:</u>				
- Cost Pro unit rate per unit to be closed is \$4,118				
- Unit rate includes engineer inspection and decontamination oversight of each unit				
<u>Prime Contractor Costs</u>				
- Oversee and certify closure per unit times number of units	Project Manager/Engineer	\$4,118	3	\$12,354
	Activity 6. Subtotal			\$12,354
<b>COST ESTIMATE ACTIVITIES SUMMARY</b>				
1. INVENTORY REMOVAL				\$19,728
2. STORAGE TANK DECONTAMINATION				\$8,386
3. DECONTAMINATE THE RETURN/FILL STATION				\$6,843
4. DECONTAMINATE CONTAINER STORAGE AREA(S)				\$3,877
5. CONTAINERIZE, STAGE, TRANSPORT AND DISPOSE OF DECONTAMINATION WASTES				\$9,332
6. CLOSURE CERTIFICATION				\$12,354
TOTAL CLOSURE COST ESTIMATE				\$60,520
CONTINGENCY				10%
TOTAL CLOSURE COST WITH CONTINGENCY				\$66,572

**Notes:**

- Estimate assumes that waste management units are at permitted capacity at time of closure, which is the most expensive in the facility's operating life.
- All unit rates obtained from Cost Pro version 6.0, which is designed to be representative of 3rd party costs and includes the following:
  - Transportation @ \$5.64/mile and 300 mile trip
  - Disposal for bulk liquids \$0.45/gallon based on suitability of waste mineral spirits as fuel
  - Disposal for CSA liquids \$90/drum based on suitability of drummed waste streams as fuel
  - Disposal of decon wash water \$90/drum based on lack of hazardous constituents in waste (soapy water)
  - Subcontractor Decontamination Rate for tanks and return/fill based on PPE Level C
  - Subcontractor decontamination rates for tank containment, CSAs and Flam Shed (if applicable) based on PPE Level D
  - Prime Contractor Rates based on hourly rate for rinsate sampling, drilling and soil sample collection
  - Lab subcontractor rates for analysis of rinsate and soil samples (Assumes VOCs, SVOCs and metals)
  - Closure Certification Activity includes contractor oversight, PE integrity inspections and reporting/Certification

## CERTIFICATE OF INSURANCE FOR CLOSURE OR POST-CLOSURE CARE

Name and Address of Insurer (herein called the "Insurer"):

Indian Harbor Insurance Company  
Seaview House, 70 Seaview Avenue  
Stamford, CT 06902-6040

Name and Address of Insured (herein called the "Insured"):

Safety-Kleen Systems, Inc.  
2600 North Richardson Expressway, Suite 400  
Richardson, TX 75080

Facilities covered:

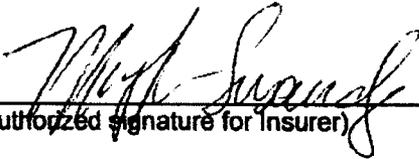
Albuquerque 7-008-01	2720 Girard NE Albuquerque, NM 87107	NMD000804294	Closure: \$97,695
Farmington 7-008-21	4210A Hawkins Road Farmington, NM 87401	NMD980698849	\$98,289
TOTAL:			<u>\$195,984</u>

Face Amount: \$195,984  
Policy Number: PEC000659411  
Effective Date: January 25, 2013

The Insurer hereby certifies that it has issued to the Insured the policy of insurance identified above to provide financial assurance for closure for the facilities identified above. The Insurer further warrants that such policy conforms in all respects with the requirements of 40 CFR 264.143(e), 264.145(e), 265.143(d) and 265.145(d), as applicable and as such regulations were constituted on the date shown immediately below. It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

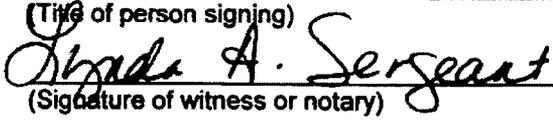
Whenever requested by the Secretary of the New Mexico Environmental Department, the Insurer agrees to furnish to the New Mexico Environmental Department a duplicate original of the policy listed above, including all endorsements thereon.

I hereby certify that the wording of this certificate is identical to the wording specified in 40 CFR 264.151(e) as such regulations were constituted on the date shown immediately below.

  
\_\_\_\_\_  
(Authorized signature for Insurer)

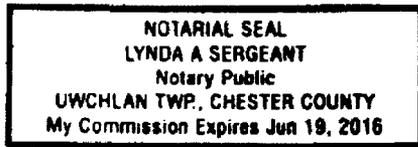
Mary Ann Susavidge  
\_\_\_\_\_  
(Name of person signing)

Vice President  
\_\_\_\_\_  
(Title of person signing)

  
\_\_\_\_\_  
(Signature of witness or notary)

1-14-13  
\_\_\_\_\_  
(Date)

SEAL



**ATTACHMENT G.2**  
**CERTIFICATE OF LIABILITY INSURANCE**

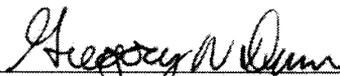
**March 28, 2013**

**Farmington, NM**

## HAZARDOUS WASTE FACILITY CERTIFICATE OF LIABILITY INSURANCE

1. Greenwich Insurance Company, the Insurer of Seaview House, 70 Seaview Avenue, Stamford, CT 06902-6040, hereby certifies that it has issued liability insurance covering bodily injury and property damage to Safety-Kleen Systems, Inc., the Insured, of 2600 North Central Expressway, Suite 400, Richardson, TX 75080 in connection with the Insured's obligation to demonstrate financial responsibility under the New Mexico Hazardous Waste Management Regulations, Section 20.40.1.500. The coverage applies at EPA ID# \_\_\_\_\_, SEE ATTACHED LIST for sudden and nonsudden accidental occurrences. The limits of liability are \$1,000,000 each occurrence and \$2,000,000 annual aggregate, exclusive of legal defense costs. The coverage is provided under policy number PEC002102006 issued on September 1, 2012. The effective date of said policy is September 1, 2012.
2. The Insurer further certifies the following with respect to the insurance described in Paragraph 1:
  - (a) Bankruptcy or insolvency of the Insured shall not relieve the Insurer of its obligations under the policy.
  - (b) The Insurer is liable for the payment of amounts within any deductible applicable to the policy, with a right of reimbursement by the Insured for such payment made by the Insurer. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated as specified in the New Mexico Hazardous Waste Management Regulations, Section 20.40.1.500.
  - (c) Whenever requested by the New Mexico Environment Department, the Insurer agrees to furnish to the Secretary a signed duplicate original of the policy and all endorsements.
  - (d) Cancellation of the insurance, whether by the Insurer or the Insured, will be effective only upon written notice and only after the expiration of sixty (60) days after a copy of such written notice is received by the Secretary of the New Mexico Environment Department.
  - (e) Any other termination of the insurance will be effective only upon written notice and only after the expiration of thirty (30) days after a copy of such written notice is received by the Secretary of the New Mexico Environment Department.

I hereby certify that the wording of this instrument is identical to the wording specified in the New Mexico Waste Management Regulations, 20.40.1.500, incorporating by reference 40 CFR 265.151(j), as such regulation was constituted on the date first above written, and that the Insurer is licensed to transact the business of insurance, or eligible to provide insurance as an excess or surplus lines insurer in one or more States.

  
\_\_\_\_\_  
(Signature of Authorized Representative of Insurer)

Date: September 1, 2012

Greg Dunn, Vice President

Authorized Representative of Greenwich Insurance Company

c/o XL Insurance  
505 Eagleview Boulevard  
P.O. Box 636  
Exton, PA 19341-0636

**SAFETY-KLEEN SYSTEMS, INC. LOCATIONS**

**STATE OF NEW MEXICO**

**2720 Girard NE  
Albuquerque, NM 87107**

**NMD 000804294**

**4200 A Hawkins Road  
Farmington, NM 87401**

**NMD 980698849**

**ATTACHMENT H**  
**FINANCIAL LIABILITY DOCUMENTS**

**March 28, 2013**

**Farmington, NM**



