SAMPLING TRIP REPORT

SITE NAME: Schaeffer Salts Site
DCN #: RST-02-F-00211
TDD #: 02-01-02-0013

EPA ID: QU

SAMPLING DATES: March 2 and 3, 2001

1. **Site Location:** Schaeffer Lane
Union, Union County, New Jersey
Refer to Site Location Map, Figure 1

2. **Sampling Locations:** Salt Bagging Warehouse - Bldg #1
Main Warehouse - Bldg #2
Second Warehouse - Bldg #3
Brine Bath Tanks

3. **Sample Descriptions:** Nineteen (19) waste samples were collected for field hazardous characteization analysis.
Refer to Table 1.

4. **Sample Dispatch Data:**

On March 2 and 3, 2001, a total of nineteen (19) samples of suspected waste materials were collected by RST personnel. RST performed field hazardous categorization tests using the HAZCAT® system on the samples to determine hazardous characteristics of the waste materials.

6. **On-Site Personnel:**

Name	Affiliation	Duties on Site
Mike Brescio	U.S. EPA Region II	On-Scene Coordinator
Michael Garibaldi	RST Region II	Site Project Manager

356744

6. On-Site Personnel (Continued):

Name	Company	Duties on Site
Christoph Stannik	RST Region II	Field Screening Activity, Health & Safety
Robert Finke	RST Region II	Sampling, Air Monitoring
Charles Metzger	RST Region II	Sampling, Air Monitoring
ERCS Personnel	WRS Infrastructure and Environment, Inc.	Waste Materials Inventory

7. Weather Conditions:

Weather conditions for Friday, March 2, 2001 varied from cold, overcast, and light snow in the morning to overcast and cold in the afternoon. Temperatures ranged from approximately 20° to 30° F in the morning to a high of 35° F in the afternoon. Wind speeds were variable at 5 to 10 mph throughout the day.

Weather conditions for Saturday, March 3, 2001 were overcast and cold. Temperatures ranged from approximately 30° F in the morning to a high of 35° to 40° F in the early afternoon with variable wind speeds of 5 to 10 mph.

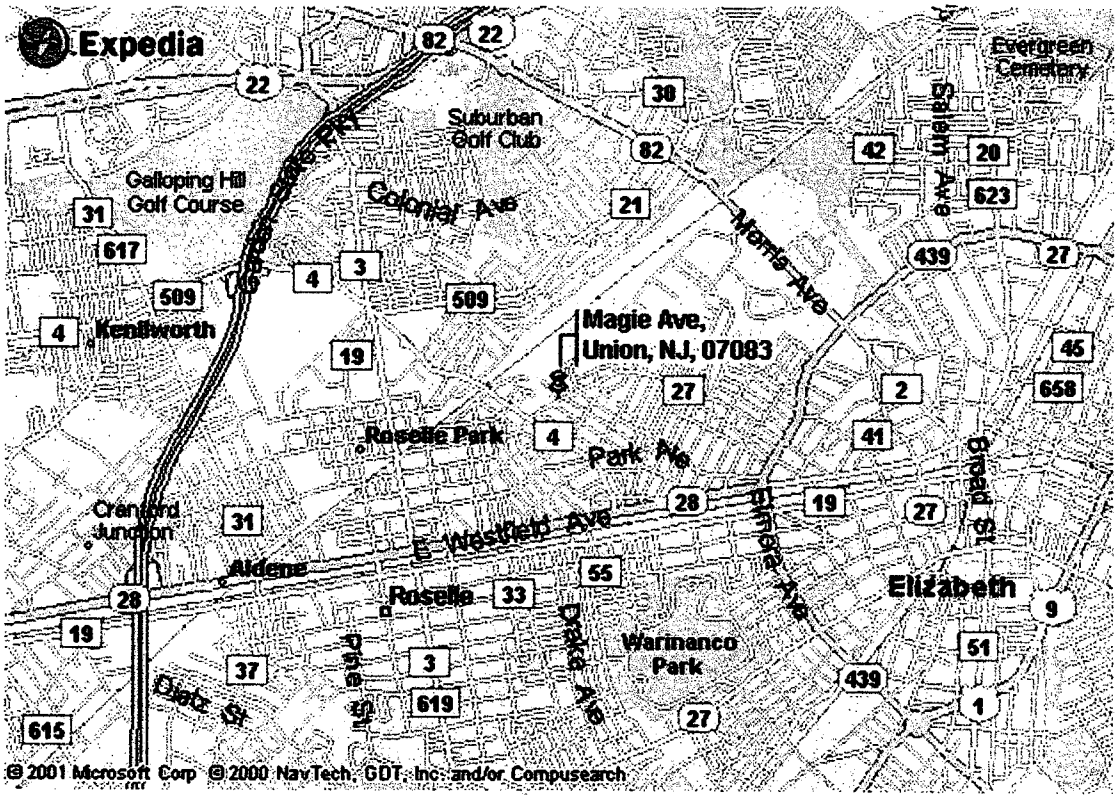
8. Additional Comments:

The objective of the sampling event was to perform on-site field waste characterization testing utilizing the HazCat® Chemical Identification System for waste materials present at this site. The site activities were conducted as part of an expedited removal assessment. None of the samples collected were submitted for laboratory analysis.

Prior to initiating sampling activities, RST conducted air monitoring and radiation surveys throughout the warehouse buildings using direct read-out air monitoring instruments including a MultiRAE Multi-gas meter, a PhotoVac Flame Ionization Detector (FID), and a Ludlum 19 Micro-R radiation meter. RST also monitored for levels of total particulate matter in the buildings using a MIE Personal Data Ram instrument.

Ambient background levels were established prior to the initial Level B entry into buildings. The background levels were established as follows:

Ludlum 19 Micro-R= 4 μR/hour
PhotoVac FID = 0 - 2 units
MultiRae Lower Explosive Level (LEL) = 0 %
PDR Total Particulate Matter= 0 - 2 ug/m^3



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WESTON MANAGERS DESIGNERS/CONSULTANTS Roy F. Weston, Inc. FEDERAL PROGRAMS DIVISION	EPA OSC Mike Brescio	FIGURE 1 Schaeffer Salts Site
IN ASSOCIATION WITH INLAND POLLUTION P.R., INC, RESOURCE APPLICATIONS, INC., AND GRB ENVIRONMENTAL SERVICES, INC.	RST Site PM M. Garibaldi	Site Location Map

No instrument readings except total particulate matter exceeded the background levels during the RST building entry activity.

RST sampling personnel donned Level B personal protective equipment to perform the waste sampling activities within Buildings #1, #2, and #3 (see Figure 1). The waste sampling locations were determined based on visual observation of container markings and labels, elevated field screening results obtained from the air monitoring instruments, and as directed by the EPA-OSC.

RST personnel conducted sampling in accordance with the site- specific Quality Assurance Project Plan (QAPP). Waste samples were collected using dedicated disposable sample scoops and drum thieves. Following sample collection, waste samples were documented and for field screening for hazardous characteristics. The field screening results are presented in Table 1.

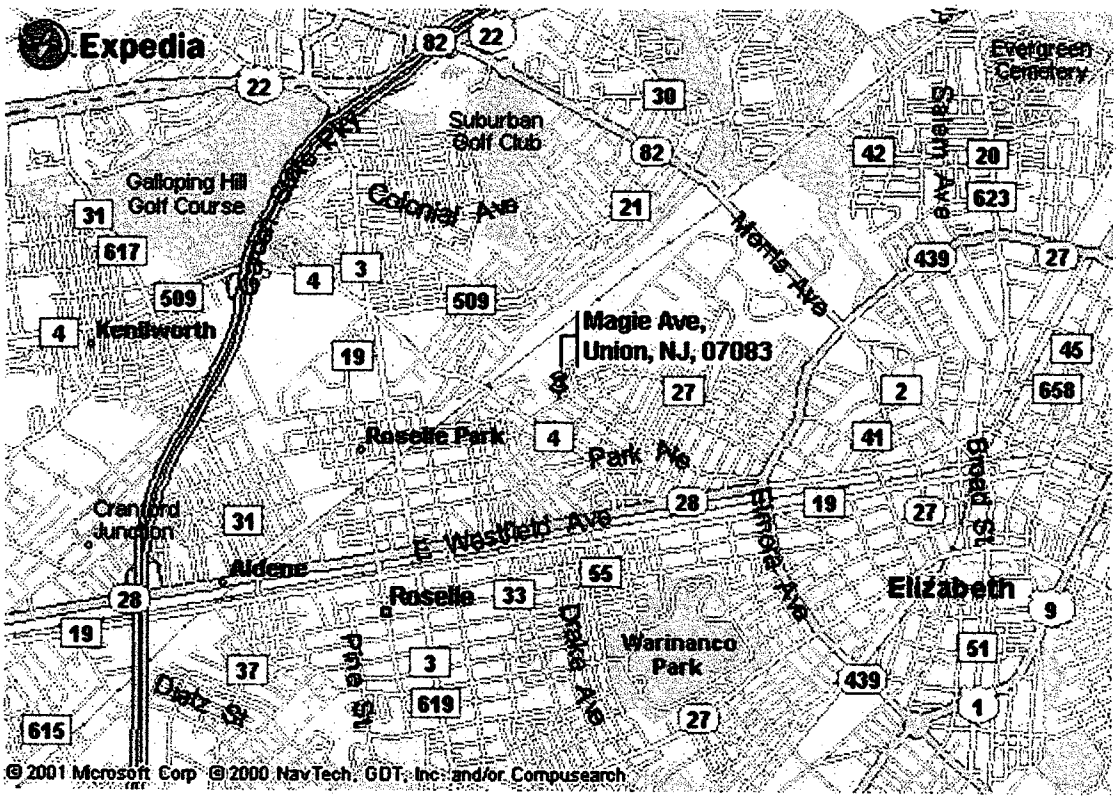
RST personnel also collected samples from the leaking Brine Bath Tanks located to the north of the Salt Bagging Warehouse - Building #1. Measurements were taken of the Brine Bath tanks for dimensions and volume calculations. In addition, RST personnel conducted an underground survey of the paved areas outside the buildings using a Mac-51B magnetic detector. The survey results confirmed the location underground storage tanks adjacent to the Second Warehouse (Building #3) and the existence of a stormwater collection system north of the Main Warehouse (Building #1).

The ERCS contractor, WRS Infrastructure and Environment, Inc., performed a physical inventory of waste materials found within the buildings. Written and photo photo-documentation of site activities was conducted by RST field personnel.

9. **Report Prepared by:** Michael Garibaldi Date: 3/9/01
Michael Garibaldi - RST
Site Project Manager

11. **Report Approved by:** Christoph Stannik Date: 3/9/01
Christoph Stannik - RST
Group Leader

FIGURE 1
Site Location Map



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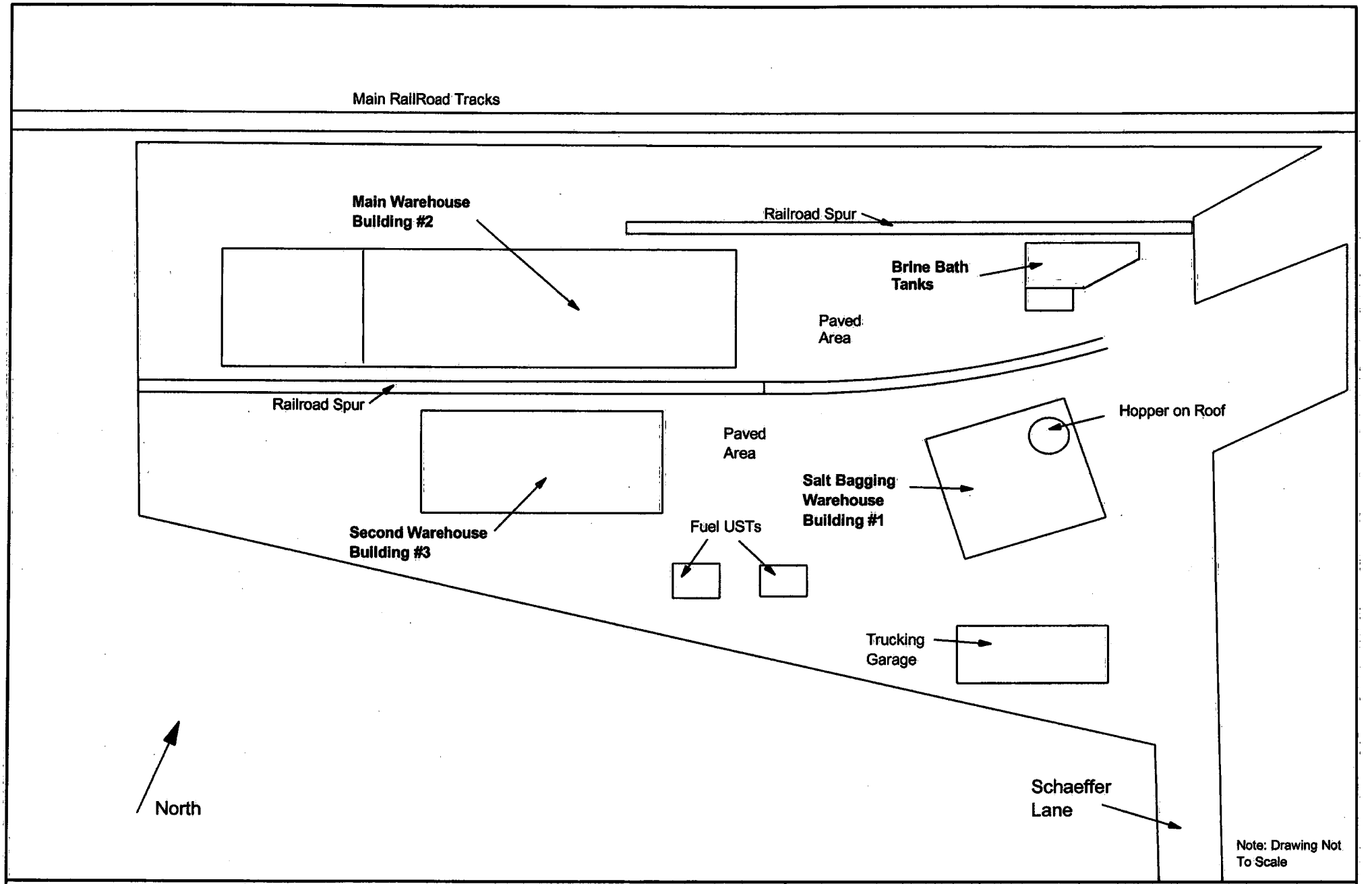
WESTON MANAGERS DESIGNERS/CONSULTANTS Roy F. Weston, Inc. FEDERAL PROGRAMS DIVISION		EPA OSC Mike Brescio	FIGURE 1 Schaeffer Salts Site
IN ASSOCIATION WITH INLAND POLLUTION P.R., INC, RESOURCE APPLICATIONS, INC., AND GRB ENVIRONMENTAL SERVICES, INC.		RST Site PM M. Garibaldi	Site Location Map

Figure 2
Site Map



WESTON MANAGERS DESIGNERS/CONSULTANTS Roy F. Weston, Inc. FEDERAL PROGRAMS DIVISION	EPA PM Mike Brescio	**FIGURE 2** **Site Map**
IN ASSOCIATION WITH INLAND POLLUTION P.R., INC., RESOURCE APPLICATIONS, INC., AND GRB ENVIRONMENTAL SERVICES, INC.	RST SITE PM Michael Garibaldi	**Schaeffer Salts Site** **Union, New Jersey**

TABLE 1
Field Screening Summary

TABLE 1
SCHAEFFER SALTS
WASTE CATEGORIZATION SUMMARY

Sample ID	Date	Type	Location	Sample Matrix	Description/ Markings	Field Test Results
BT-01	3/2/01	AST	Near RR	Liquid	Brine Tank #1 / "Calcium Chloride"	Aqueous Liquid
BT-02	3/2/01	AST	Near RR	Liquid	Brine Tank #2 / "Calcium Chloride"	Aqueous Liquid
DR-02	3/2/01	Fiber Drum	Bldg #1	Solid	White powder	Alkaline Inorganic Solid
DR-03	3/2/01	Fiber Drum	Bldg #1	Solid	Black granular / carbon black	Inorganic Solid
DR-04	3/2/01	Fiber Drum	Bldg #1	Solid	White powder	Alkaline Inorganic Solid
DR-05	3/2/01	Poly Drum	Bldg #1	Liquid	Clear Liquid	Aqueous Liquid
DR-06	3/2/01	Fiber Drum	Bldg #1	Solid	Beige Granular	Oxidizer Inorganic Solid
DR-07	3/2/01	Poly Drum	Bldg #1	Liquid	Acetic Acid	Acid Inorganic Liquid
DR-08	3/2/01	Poly Drum	Bldg #3	Liquid	Clear Liquid	Aqueous Liquid
DR-09	3/2/01	Steel Drum	Bldg #3	Liquid	Reddish Liquid	Flammable Organic Liquid
DR-10	3/2/01	Poly Drum	Bldg #3	Liquid	Clear Liquid	Acid Inorganic Liquid
DR-11	3/2/01	Steel Drum	Bldg #3	Liquid	Yellowish Liquid	Aqueous Liquid
DR-12	3/2/01	Poly Drum	Bldg #3	Liquid	Clear Liquid	Aqueous Liquid
DR-15	3/3/01	Poly Drum	Bldg #2	Liquid	"Glacial Acetic Acid"	Aqueous Liquid
DR-16	3/3/01	Poly Drum	Bldg #2	Liquid	"15% Sodium Hypochlorite"	Aqueous Liquid

TABLE 1
SCHAEFFER SALTS
WASTE CATEGORIZATION SUMMARY

Sample ID	Date	Type	Location	Sample Matrix	Description/ Markings	Field Test Results
DR-17	3/3/01	Fiber Drum	Bldg #2	Solid	White Powder	Alkaline Inorganic Solid
DR-18	3/3/01	Fiber Drum	Bldg #2	Solid	Green Granular	Oxidizer Alkaline Solid
DR-19	3/3/01	Fiber Drum	Bldg #2	Solid	White "Caustic Soda"	Alkaline Inorganic Solid
DR-22	3/3/01	Poly Drum	Bldg #2	Liquid	"Limonene" Label	Flammable Aqueous Liquid

Note: Not all samples were field tested as per the direction of the EPA On-Scene Coordinator.

APPENDIX 1
Drum Logs

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: BRINE TANK 1

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: M. GARIBALDI

PROJECT NO: _____ DATE/TIME: 3/2/01 1013O

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME	150,000 gal. AST
CHEMICAL NAME	TANK MARKED 'CALCIUM CHLORIDE'
DRUM MARKINGS	
DRUM LABELS	

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY	X			Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	6	N/A	N	N/A	N	Y	N/A		N	
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

CALCIUM TEST: TURNS WHITE BUT NO PRECIPITATE

TEST COMPATABILITY RESULTS:

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: BRINE TANK #2

GRID LOCATION FOUND: _____ STAGING LOCATION: _____

LOGGER: _____ SAMPLER: BOB FINKE

PROJECT NO: _____ DATE/TIME: 3/2/01 1035

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME AS MARKED "CALCIUM CHLORIDE"

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY	X			Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	7	N/A	N	N/A	N	Y	N/A		N	N/A
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

CALCIUM TEST — TURNS WHITE, BUT NO PRECIPITATE

TEST COMPATABILITY RESULTS: CHAR TEST - EVAPORATES COMPLETELY, MINIMAL WHITE RESIDUE

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 2

GRID LOCATION FOUND: _____ STAGING LOCATION: BLDG #1

LOGGER: _____ SAMPLER: METZGER

PROJECT NO: _____ DATE/TIME: 03/02/01 11:00

DRUM DESCRIPTION:

CONSTRUCTION	TYPE	CONDITION:
Fiber ☒ Poly ☐	Poly Lined ☐ Overpack ☐	rusted ☐ leaking ☐ dented ☐
Steel ☐ Nickel ☐	Open Top ☐ Ring Top ☐	bulging ☐ perforated ☐ good ☐
Stainless Steel ☐ Other ☐	Closed Top ☐	other DETERIORATED

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top			X			WHITE POWDERY			X	Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	11-12	MF ⊗	N	N	N	Y	N/A	N	N	
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

⊗ YELLOW/ORANGE FLAME — POSSIBLY IODIDE

TEST COMPATABILITY RESULTS:

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALT SAMPLE NO: _____ DRUM NUMBER: 3

GRID LOCATION FOUND: _____ STAGING LOCATION: BLDG #1

LOGGER: _____ SAMPLER: METZGER

PROJECT NO: _____ DATE/TIME: 3/2/1 11:05

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top			X			BLACK GRANULAR			X	Y(2)		N	
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	5-6	N	N	—	N	—	N/A	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

(2) PARTIALLY SOLUBLE

TEST COMPATABILITY RESULTS: UNCHANGED IN CHAR TEST - DROVE OFF SOME WATER

GRANULAR CARBON ?

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 4

GRID LOCATION FOUND: _____ STAGING LOCATION: BLDG. #1

LOGGER: _____ SAMPLER: MERGER

PROJECT NO: _____ DATE/TIME: 3/2/01 11:20

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top			X			WHITE POWDERY			X	Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine/hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	11-12	N	N	N	N	Y	N/A		N	
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

~~(+) FLAMES BLACK UPON ADDING TEST CHEMICALS~~

TEST COMPATABILITY RESULTS: ORANGE FLAME - SODIUM?

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 5

GRID LOCATION FOUND: _____ STAGING LOCATION: BCDB. #1

LOGGER: _____ SAMPLER: FINKE

PROJECT NO: _____ DATE/TIME: 3/2/11

DRUM DESCRIPTION:

CONSTRUCTION	TYPE	CONDITION:
Fiber ☐ Poly ☐	Poly Lined ☐ Overpack ☐	rusted ☐ leaking ☐ dented ☐
Steel ☐ Nickel ☐	Open Top ☐ Ring Top ☐	bulging ☐ perforated ☐ good ☐
Stainless Steel ☐ Other ☐	Closed Top ☐	other _____

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY	X			Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	5	N	N	N/A	N	N	N/A	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

CHAR TEST: NUMBAL BROWN RESIDUE

TEST COMPATABILITY RESULTS:

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SACTS SAMPLE NO: _____ DRUM NUMBER: 6

GRID LOCATION FOUND: _____ STAGING LOCATION: BLDG #1

LOGGER: _____ SAMPLER: FINKE

PROJECT NO: _____ DATE/TIME: 3/2/1

DRUM DESCRIPTION:

CONSTRUCTION	TYPE	CONDITION:
Fiber ☑ Poly ☐	Poly Lined ☐ Overpack ☐	rusted ☐ leaking ☐ dented ☐
Steel ☐ Nickel ☐	Open Top ☐ Ring Top ☐	bulging ☑ perforated ☐ good ☐
Stainless Steel ☐ Other ☐	Closed Top ☐	other _____

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☑ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS None

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top			X			GRANULAR BEIGE			X	Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine/not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	8	N	N	—	Y	⊗	N	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

⊗ CAN'T TEST DUE TO COLOR OF SOLUTION

TEST COMPATABILITY RESULTS:

ORANGE FLAME ON COPPER WIRE

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALES SAMPLE NO: _____ DRUM NUMBER: 7

GRID LOCATION FOUND: _____ STAGING LOCATION: BLDG. #1

LOGGER: _____ SAMPLER: BARIBALDI

PROJECT NO: _____ DATE/TIME: 3/2/1

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ____ OVA ____ CGI ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY	X			Y		N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine/not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	1	N/A	N	N/A	N	—	N	N/A	N	N/A
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

SMELLS LIKE ACETIC ACID

TEST COMPATABILITY RESULTS:

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 8

GRID LOCATION FOUND: _____ STAGING LOCATION: BLDG #3

LOGGER: _____ SAMPLER: GARIBALDI

PROJECT NO: _____ DATE/TIME: 3/2/1

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☑ Black	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☑
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☑ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS None

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ✓ 0.0 CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY	X			Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine/not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	5	N	N	N	N	N	N/A	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

CHARTEST - NO RESIDUE

TEST COMPATABILITY RESULTS:

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 9

GRID LOCATION FOUND: _____ STAGING LOCATION: BLDG #3

LOGGER: _____ SAMPLER: METZGER

PROJECT NO: _____ DATE/TIME: 3/2/11

DRUM DESCRIPTION:

CONSTRUCTION	TYPE	CONDITION:
Fiber ☐ Poly ☐	Poly Lined ☐ Overpack ☐	rusted ☐ leaking ☐ dented ☐
Steel ☑ Black Nickel ☐	Open Top ☐ Ring Top ☐	bulging ☐ perforated ☐ good ☑
Stainless Steel ☐ Other ☐	Closed Top ☐	other _____

DRUM SIZE (Gallons): 85 ☐ 55 ☑ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu N OVA ✓ 3.0 ppm CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY DARK ORANGE	X			N	N(4)	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine pot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	12	N	Y	N	N		—		N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

(4) PARTIALLY SOLUBLE IN HEXANE AND METHANOL

TEST COMPATABILITY RESULTS: CHAR TEST - pH of vapors 11

White flammable vapors

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 10

GRID LOCATION FOUND: _____ STAGING LOCATION: BLDG. #3

LOGGER: _____ SAMPLER: FINKE

PROJECT NO: _____ DATE/TIME: 3/2/1

DRUM DESCRIPTION:

CONSTRUCTION	TYPE	CONDITION:
Fiber ☐ Poly ☐	Poly Lined ☐ Overpack ☐	rusted ☐ leaking ☐ dented ☐
Steel ☐ Nickel ☐	Open Top ☐ Ring Top ☐	bulging ☐ perforated ☐ good ☑
Stainless Steel ☐ Other ☐	Closed Top ☐	other _____

DRUM SIZE (Gallons): 85 ☐ 55 ☑ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS NONE

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ✓ CGI ___ RAD METER ___ OTHER ___

0.0 ppm

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY clear	X			Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine/not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	3	N	N	N/A	N	N	N/A	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

ORANGE FLAME IN COPPER WIRE TEST

TEST COMPATABILITY RESULTS:

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 11

GRID LOCATION FOUND: _____ STAGING LOCATION: BCDG #3

LOGGER: _____ SAMPLER: METCOR

PROJECT NO: _____ DATE/TIME: 3/21

DRUM DESCRIPTION:

CONSTRUCTION	TYPE	CONDITION:
Fiber ☐ Poly ☐	Poly Lined ☐ Overpack ☐	rusted ☐ leaking ☐ dented ☐
Steel ☑ Nickel ☐	Open Top ☐ Ring Top ☐	bulging ☐ perforated ☐ good ☑
Stainless Steel ☐ Other ☐	Closed Top ☑	other _____

DRUM SIZE (Gallons): 85 ☐ 55 ☑ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS NONE

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY STRAW	X			Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine/not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	5	N	N	—	N	N	—	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS: CHAR TEST - VERY LITTLE CHARRED RESIDUE - NO FLAMM VAPORS.

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 12

GRID LOCATION FOUND: _____ STAGING LOCATION: BCD6. #3

LOGGER: _____ SAMPLER: Metzger

PROJECT NO: _____ DATE/TIME: 3/2/1

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☑	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☑
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☑ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS NONE

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ____ OVA ____ CGI ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY clear	X			Y		N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	5	N	N	—	N	N	—	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS:

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 15

GRID LOCATION FOUND: _____ STAGING LOCATION: PCD6 #2

LOGGER: _____ SAMPLER: Garibaldi

PROJECT NO: _____ DATE/TIME: 3/3/11

DRUM DESCRIPTION:

CONSTRUCTION	TYPE	CONDITION:
Fiber ☐ Poly ☑	Poly Lined ☐ Overpack ☐	rusted ☐ leaking ☐ dented ☐
Steel ☐ Nickel ☐	Open Top ☐ Ring Top ☐	bulging ☐ perforated ☐ good ☑
Stainless Steel ☐ Other ☐	Closed Top ☑	other _____

DRUM SIZE (Gallons): 85 ☐ 55 ☑ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS Glacial Acetic Acid

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ✓ CGI ___ RAD METER ___ OTHER ___

0.0 ppm

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY	X			N	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	5	N	N	—	N	N	—	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS:

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 16

GRID LOCATION FOUND: _____ STAGING LOCATION: BLDG #2

LOGGER: _____ SAMPLER: FINKE

PROJECT NO: _____ DATE/TIME: 3/3/1

DRUM DESCRIPTION:

CONSTRUCTION	TYPE	CONDITION:
Fiber ☐ Poly ☑ black	Poly Lined ☐ Overpack ☐	rusted ☐ leaking ☐ dented ☐
Steel ☐ Nickel ☐	Open Top ☐ Ring Top ☐	bulging ☐ perforated ☐ good ☑
Stainless Steel ☐ Other ☐	Closed Top ☐	other _____

DRUM SIZE (Gallons): 85 ☐ 55 ☑ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS 15% Sodium Hypochlorite

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ____ OVA ____ CGI ____ RAD METER ____ OTHER ____

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				WATERY	X			Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	6	N	N	—	N	Y	—	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS:

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: SCHAEFER SALTS SAMPLE NO: _____ DRUM NUMBER: 17

GRID LOCATION FOUND: _____ STAGING LOCATION: BCD6 #2

LOGGER: _____ SAMPLER: GAMBALDI

PROJECT NO: _____ DATE/TIME: 3/3/1

DRUM DESCRIPTION:

CONSTRUCTION	TYPE	CONDITION:
Fiber ☑ Poly ☐	Poly Lined ☐ Overpack ☐	rusted ☐ leaking ☐ dented ☐
Steel ☐ Nickel ☐	Open Top ☑ Ring Top ☐	bulging ☑ perforated ☐ good ☐
Stainless Steel ☐ Other ☐	Closed Top ☐	other _____

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☑ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ✓ CGI ___ RAD METER ___ OTHER ___

0.0

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top			X			WHITE POWDER			X	Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	14	N	N	N	N	Y	—	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

ORANGE FLAME

TEST COMPATABILITY RESULTS:

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: Schaefer Salts SAMPLE NO: _____ DRUM NUMBER: 18

GRID LOCATION FOUND: _____ STAGING LOCATION: Bldg. 2

LOGGER: _____ SAMPLER: Garibaldi

PROJECT NO: _____ DATE/TIME: 3/3/01

DRUM DESCRIPTION:

CONSTRUCTION	TYPE	CONDITION:
Fiber ☐ Poly ☐	Poly Lined ☐ Overpack ☐	rusted ☐ leaking ☐ dented ☐
Steel ☐ Nickel ☐	Open Top ☐ Ring Top ☐	bulging ☐ perforated ☐ good ☑
Stainless Steel ☐ Other ☐	Closed Top ☐	other _____

DRUM SIZE (Gallons): 85 ☐ 55 ☐ 42 ☐ 30 ☐ 15 ☐ 10 ☑ 5 ☐ Other _____

MFG NAME	None
CHEMICAL NAME	—
DRUM MARKINGS	None
DRUM LABELS	None

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top			X			Green			X	Y		N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	12	N	N	N	Y⊕	Y	N	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

⊕ WEAK OXIDIZER

TEST COMPATABILITY RESULTS: ORANGE FLAME IN COPPER WIRE TEST

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: Schaefer Salts SAMPLE NO: _____ DRUM NUMBER: 19

GRID LOCATION FOUND: _____ STAGING LOCATION: Bldg #2

LOGGER: _____ SAMPLER: Garibaldi

PROJECT NO: _____ DATE/TIME: 3/08/01

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☑
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☑ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME	—
CHEMICAL NAME	caustic soda
DRUM MARKINGS	caustic soda
DRUM LABELS	caustic soda

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ___ CGI ___ RAD METER ___ OTHER ___

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top			X			white			X	Y		N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine not wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	12	N	N		N	N	—	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS: ORANGE FLAME IN COPPER WIRE TEST

Prepared by: _____ Date: _____

START - SOP 2009 - ROY F. WESTON, INC. - DRUM INVENTORY LOG

SITE NAME: Schaefer Salts SAMPLE NO: _____ DRUM NUMBER: 22

GRID LOCATION FOUND: _____ STAGING LOCATION: Bldg. 2

LOGGER: _____ SAMPLER: Garibaldi

PROJECT NO: _____ DATE/TIME: 3/2

DRUM DESCRIPTION:

CONSTRUCTION		TYPE		CONDITION:		
Fiber ☐	Poly ☐	Poly Lined ☐	Overpack ☐	rusted ☐	leaking ☐	dented ☐
Steel ☐	Nickel ☐	Open Top ☐	Ring Top ☐	bulging ☐	perforated ☐	good ☐
Stainless Steel ☐	Other ☐	Closed Top ☐		other _____		

DRUM SIZE (Gallons): 85 ☐ 55 ☑ 42 ☐ 30 ☐ 15 ☐ 10 ☐ 5 ☐ Other _____

MFG NAME

CHEMICAL NAME

DRUM MARKINGS "LIMONENE"

DRUM LABELS

FIELD AIR MONITORING INSTRUMENT READINGS: HNu ___ OVA ✓ CGI ___ RAD METER ___ OTHER ___

580PPM

PHYSICAL DESCRIPTION:

Layers			Physical			Color/Description[1]	Clarity			Solubility		Reaction	
PHASE	INCHES	LIQUID	SOLID	SLUDGE	GEL	[1] - Oil, Syrup, Viscuous, Watery, Paste, Chunks, Gel, Spongy, Soaplike, Soft, Hard Powder Crystal Granular, Rubbery	CLEAR	CLOUDY	OPAQUE	WATER	HEXANE	AIR	WATER
Top		X				Straw WATERY color	X			Y	N	N	N
Middle													
Bottom													

HAZCAT RESULTS:

Layers	pH	Chlorine hot wire	Flammable	Cyanide	Oxidizer	Chloride	Peroxide	Mercury	Sulfide	PCB
Top	7	N	Y	N	N	N	—	—	N	—
Middle										
Bottom										

ASSIGNED WASTE STREAM - BASED ON INITIAL RCRA HAZARD

TEST COMPATABILITY RESULTS: HEXANE TURNS WHITE ORANGE PLASTIC, BLACK STRIPE, NO SEPARATION

Prepared by: _____ Date: _____