Industrial Waste Management Services

Los Angeles Hazardous Waste Facility

Audit Information Handbook

Water Technologies

SIEMENS

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Audit Information Handbook

Revision 16, October 2009

Location:

Siemens Water Technologies Corp.
Los Angeles Hazardous Waste Treatment, Storage and Disposal Facility
5375 S. Boyle Ave., Vernon, CA 90058
CAD097030993

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INTRODUCTION

Siemens Water Technologies Corp. ("the Facility") is a fully permitted hazardous waste treatment, storage and disposal facility (TSDF) located in Vernon (near Los Angeles) California. The Facility recycles, treats, stores and transfers approved types of hazardous and non-hazardous wastes from outside commercial sources.

The *Audit Information Handbook* ("Handbook") is intended to provide the most frequently requested information about our facility, in a single document, for the convenience of interested parties. Please forward requests for any information not contained in the Handbook directly to the Facility.

Siemens Water Technologies Corp. reserves the right to update, modify, change, or amend any of the information in the Handbook at any time. Although every effort has been taken to ensure the accuracy of the information in this document at the time of publication, Siemens Water Technologies Corp. is not responsible for any errors or omissions.

Audit Information Handbook

FACILITY IDENTIFICATION

Siemens Water Technology Corp.
5375 South Boyle Avenue
Los Angeles, CA 90058
Tel No. 800.266.7747 or 323.277.1500
Fax No. 323.588.0094
Email: vernoncs.water@siemens.com

EPA ID NUMBER

CAD097030993

INTERNET

www.water.siemens.com

INDUSTRIAL CLASSIFICATION CODE

NAICS code:
562211 - Hazardous Waste Treatment and Disposal
SIC code:
4953-0100 – Hazardous Waste Collection and Disposal

PARENT ORGANIZATION

Siemens Water Technologies Corp.
181 Thorn Hill Rd.,
Warrendale, Pa. (USA) 15086
Phone: 724.772.0044
Siemens Water Technologies Corp. parent organization is Siemens, AG (NYSE:SI), a publicly traded company with combined annualized sales in excess of $80.5 billion.

FINANCIAL INFORMATION

Annual reports and other financial information are available online. Go to www.siemens.com and click on "Investor Relations" from the home page.

OPERATING PERMIT

The Facility operates under a RCRA Part B Permit, effective August 30, 1996. The permit is issued by:
California Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, CA 91311
Number 96-SC-TS-06
EPA ID No. CAD097030993

POTW

The Facility has an Industrial Sewer Discharge permit with:
County Sanitation District of Los Angeles County
1955 Workman Mill Road
Whittier, CA 90601
Permit Nos. 16813 / 816813 / 916813

STORM WATER PERMIT

The Facility has a Storm Water Permit with:
State of California State Water Resources Control Board
Paul R. Bonderson Building
901 P Street, P.O. Box 100
Sacramento, CA 95812-0100
Permit ID No. 4 19I012686

STATE CERTIFIED LABORATORY

The Facility maintains a Certified Lab permitted by:
State of California Department of Health Services
850 Marina Bay Pkwy, Bldg. P, 1stFloor
Richmond, CA 94804
Certificate No. ("ELAP No.") 2313

AIR PERMIT

The Facility maintains Air Quality Permits with:
South Coast Air Quality Management District
21865 East Copley Drive
Diamond Bar, CA 91765
Permit Nos. F4315, F53000, F53066, F53067, F53068

BUSINESS LICENSE

The Facility maintains a Business License issued by:
City of Vernon
4305 Santa Fe Avenue
Vernon, California 90058,
323.583.8811

CONDITIONAL USE PERMIT/ZONING

The Facility maintains a Conditional Use Permit issued by:
City of Vernon
4305 Santa Fe Avenue
Vernon, California 90058,
323.583.8811

WEIGHT AND MEASURES

The Facility maintains a Weighmaster License issued by:
State of California
Department of Food and Agriculture, Division of Measurement Standards
6790 Florin-Perkins Rd., Ste 100
Sacramento, CA 95828
License No. 011756

RADIO

The Facility maintains a Radio License issued by:
Federal Communications Commission (FCC)

FACILITY SITE HISTORY

Norris Industries has been the owner of the site since the 1930's. Prior to this, the property was undeveloped farmland. The construction of the wastewater treatment facility began in 1981 on an area that had formerly been used as the employee parking lot. At this time, Norris Industries was granted an Interim Status Permit. The facility began treatment of hazardous waste in 1982.

Initially, waste managed at the Facility was generated from Norris Industries on-site manufacturing and process operations. In the late 1980's, Norris Industries validated the commercial aspects of its existing permits with the various regulatory agencies. Off-site waste treatment began in early 1990, at which time a new company, Norris Environmental Services was created and was issued an Interim Permit by the California EPA, Department of Toxic Substances Control. On August 30, 1996, Norris Environmental Services was issued a final Part B Permit.

In October of 1996, Norris Environmental Services was purchased by US Filter Recovery Services, a wholly owned subsidiary of USFilter Corporation. In 2004 USFilter was purchased by Siemens. The Facility became a part of Siemens Water Technologies Corp in 2006.

SIZE OF FACILITY

The facility occupies approximately 4 acres inclusive of offices and parking lot. The actual treatment facility occupies approximately 50,000 square feet.

DESCRIPTION OF SURROUNDING LAND USE

The Facility is located in an area zoned "M" for "General Industrial Use" in the City of Vernon. The area surrounding the Facility consists of industrial/commercial properties, similar to other properties in the City of Vernon.

CONTROL FOR SURFACE OR SUBSURFACE DRAINAGE AT THE FACILITY

Surface drainage from the Facility is collected in containment areas, by sumps. The containment areas are sloped so that any runoff is directed towards the sumps. Any collected runoff is pumped to the appropriate storage tank depending on composition of the runoff and treated prior to discharge to the sewer system. Maintenance covers in the Facility are sealed to prevent subsurface drainage.

INJECTION AND WITHDRAWAL WELLS

There are no known injection or withdrawal wells on-site or in the immediate vicinity of the Facility.

NEAREST SURFACE WATER

The Los Angeles River is located approximately one mile north of the Facility. There are no other creeks, springs, lakes or rivers within one mile of the facility.

100 YEAR FLOOD PLAIN

According to the City of Vernon, the Los Angeles County Flood Control District and the Army Corp. of Engineers, the Facility is not located in a 100 year flood plain or within any known flood hazard area.

PREVAILING WIND SPEED AND DIRECTION

Winds tend to come from a southwesterly direction at speeds between 0-12 miles per hour.

CLOSEST HUMAN OR ENVIRONMENTAL RECEPTOR

The closest human or environmental receptors are two schools and one hospital located between 0.5-1.0 miles from the Facility.

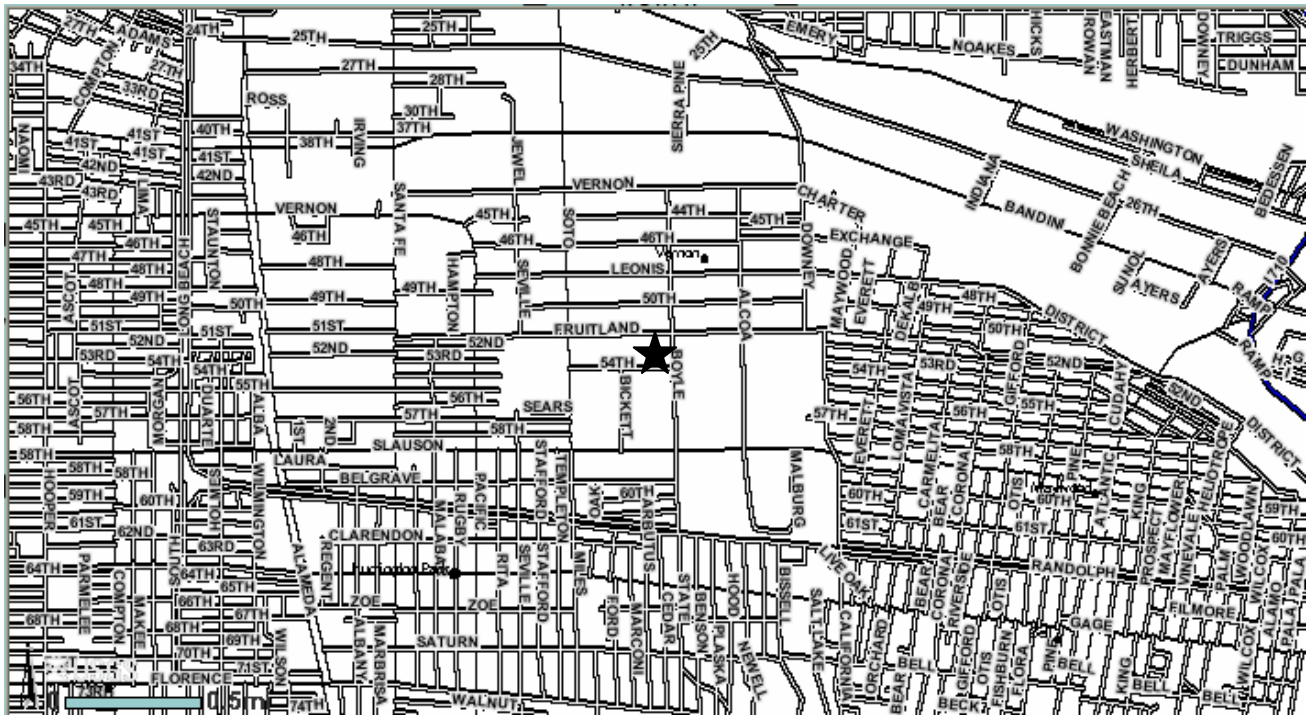
SEISMOLOGICAL DATA

All known faults are located more than four miles from the Facility.

PHASE I ASSESSMENT

A copy of the assessment indicating that no soil or groundwater contamination was detected is attached.

USGS SITE LOCATION MAPS




Facility

PERMITTED WASTES

The Facility accepts a wide variety of liquid and solid wastes. Typical permitted waste streams include, but are not limited to:

- Inorganic liquid wastes, pH 0-14 such as:
  Acids
  - Chromic
  - Phosphoric
  - Hydrochloric
  - Hydrofluoric
  - Sulfuric
  - Nitric

  Alkalines
  - Sodium Hydroxide
  - Potassium Hydroxide
  - Calcium Hydroxide
  - Caustic Cleaning Solutions
- Trace organic liquids
  - For on-site treatment: < 500 ppm volatile organics and < 3% oil and grease
  - For off-site management: no limit
- RCRA and Non-RCRA (California Hazardous) Solids
- Cyanides
- Metal Bearing Solutions
- Stormwater
- Leachates
- Photo Processing Wastes
- Off Specification Chemicals
- Copper or Nickel Bearing Wastes for Recycling
- Spent Ion Exchange Media

NON-PERMITTED WASTES

- Ignitable Wastes (Flashpoint <140^{o} F)
- Water Reactive Waste
- Compressed Gas
- Infectious Wastes
- Radioactive Wastes
- Explosive Wastes
- Air Reactive Waste
- Biological Wastes
- Pesticides
- Dioxins

EPA HAZARDOUS WASTE CODES

D001	Oxidizers (Flashpoint > 140°F)
D002	Corrosive Waste
D003	Reactive Waste
D004	Arsenic Bearing Waste
D005	Barium Bearing Waste
D006	Cadmium Bearing Waste
D007	Chromium Bearing Waste
D008	Lead Bearing Waste
D009	Mercury Bearing Waste
D010	Selenium Bearing Waste
D011	Silver Bearing Waste
D018	Benzene
D019	Carbon Tetrachloride
D021	Chlorobenzene
D022	Chloroform
D023	o-Cresol
D024	m-Cresol
D025	p-Cresol
D026	Cresol
D027	1,4-Dichlorobenzene
D028	1,2-Dichloroethane
D029	1,1-Dichloroethylene
D033	Hexachlorobutadiene
D034	Hexachloroethane
D035	Methyl Ethyl Ketone
D036	Nitrobenzene
D038	Pyridine
D039	Tetrachloroethylene
D040	Trichloroethylene
D043	Vinyl Chloride
F001	The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F002	The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1, 2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane, all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents of those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F003	The following spent non halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F004	The following spent non-halogenated solvents: Cresols and cresylic acid, and nitrobenzene; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents of those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
F005	The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane, all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

F006	Waste treatment sludges from electroplating operations except from the following processes: Sulfuric acid anodizing of aluminum; Tin carbon plating on carbon steel; Zinc plating (segregated basis) on carbon steel; Cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; Chemical etching and milling of aluminum.
F007	Spent cyanide plating bath solutions from electroplating operations where cyanide is used in the process.
F008	Plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process.
F009	Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.
F011	Spent cyanide solutions from salt bath pot cleaning from metal treating.
F012	Quenching wastewater treatment sludges from metal heat-treating operations where cyanides are used in the process.
F019	Wastewater treatment from the chemical conversion coating of aluminum.
F037	Petroleum refinery primary oil/water/solids separation sludge.
F038	Petroleum refinery secondary (emulsified) oil/water/solid separation sludge.
F039	Landfill leachate.
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.
K049	Slop oil emulsion solids from petroleum refining industry.
K050	Heat exchanger bundle cleaning sludge from petroleum refinery industry.
K051	API separator sludge from petroleum refinery industry.
K052	Tank bottom (leaded) from petroleum refining industry.
K086	Solvent, caustic or water washes and their associated sludges from cleaning tubs and equipment used in formulation of ink from pigments, driers, soaps and stabilizers containing lead and chrome.
P010	Arsenic acid
P011	Arsenic pentoxide
P012	Arsenic trioxide
P013	Barium cyanide
P021	Calcium cyanide
P029	Copper cyanide
P030	Cyanide (soluble cyanide salts), not otherwise specified
P074	Nickel cyanide
P098	Potassium cyanide
P099	Potassium silver cyanide
P104	Silver cyanide
P106	Sodium cyanide
P121	Zinc cyanide
U002	Acetone
U008	Acrylic acid
U032	Chromic acid, calcium salt
U044	Chloroform
U051	Creoste
U052	Cresol (cresylic acid)
U080	Methane, Dichloro
U112	Ethyl acetate
U122	Formaldehyde
U123	Formic acid
U134	Hydrofluoric acid/hydrogen fluoride
U135	Hydrogen sulfide
U144	Lead acetate
U145	Lead phosphate
U146	Lead subacetate
U151	Mercury
U154	Methyl alcohol
U159	Methyl ethyl ketone (MEK)
U161	Methyl isobutyl ketone
U162	Methyl methacrylate
U204	Selenious acid/selenium dioxide
U209	1,1,2,2-Tetrachloroethane
U210	Tetrachloroethylene
U220	Toluene
U226	Methyl chloroform
U227	1,1,2-Trichloroethane
U228	Trichloroethylene
U239	Xylene
U359	Ethanol, 2-ethoxy

CALIFORNIA WASTE CODES

121	Alkaline solution (pH > 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
122	Alkaline solution without metals pH < 2
123	Unspecified alkaline solution
131	Aqueous solution (pH < 2 - > 12.5) containing reactive anion oxide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions.
132	Aqueous solution with metals (< restricted levels and see 121)
134	Aqueous solution with total organic residues less than ten percent
135	Unspecified aqueous solution
141	Off-specification, aged or surplus inorganics

162	Other spent catalyst
171	Metal sludge
181	Other inorganic solid waste
214	Unspecified solvent mixture
221	Waste oil and mixed oil
222	Oil/water separation sludge
223	Unspecified oil-containing waste
241	Tank bottom waste
271	Organic monomer waste (inc.unreacted resins)
272	Polymeric resin waste
281	Adhesives
291	Latex waste
331	Off-specification, aged, or surplus organics
341	Organic liquids (nonsolvents) with halogens
342	Organic liquid with metals (see 121)
343	Unspecified organic liquid mixture
351	Organic solids with halogens
352	Other organic solids
411	Alum and gypsum sludge
421	Lime sludge
431	Phosphate sludge
461	Paint sludge
491	Unspecified sludge waste
512	Other empty containers 30 gallons or more
513	Empty containers less than 30 gallons
541	Photochemicals/Photoprocessing waste
551	Laboratory waste chemicals
561	Detergent and soap
581	Gas scrubber waste
591	Baghouse waste
611	Contaminated soil from site clean-ups
612	Household wastes
711	Liquid with cyanides > 1,000 mg/l
721	Liquid with arsenic > 500 mg/l
722	Liquid with cadmium > 100 mg/l
723	Liquid with chromium VI > 500 mg/l
724	Liquid with lead > 500 mg/l
725	Liquid with mercury > 20 mg/l
726	Liquid with nickel > 124 mg/l
727	Liquid with selenium > 100 mg/l
728	Liquid with thallium > 130 mg/l
741	Liquid with halogenated organic compounds > 1,000 mg/l
751	Solids or sludges with halogenated organic compounds > 1,000 mg/l
791	Liquid with pH < 2
792	Liquids with pH < 2 with metals

PROCESSES USED FOR TREATING WASTE

Wastes (wastewater, sludges and solids) are treated by a series of chemical and physical processes that destroy or remove hazardous constituents. Facility activities include, but are not limited to the following:

- Dissolution
- Reduction
- Oil/Water Separation
- Stabilization
- Flocculation/Coagulation/Precipitation
- Filtration
- Transfer
- Pre-treatment for Odor Control and/or Emulsion Breaking
- Oxidation
- Acid and Alkali Neutralization
- Carbon Adsorption
- Solidification
- Consolidation
- Phase Separation/Clarification/Decantation
- Blending
- Volume Reduction (Leaching)

Incoming wastes can be off-loaded into blending tanks or inserted into the process at any point for efficient and effective treatment. Each blending tank is used for one type of waste (e.g., trace cyanide, chromate, acid, alkali, trace organic compounds, and their compatible mixtures). Cyanide and alkaline blending tanks are located in containment areas segregated from the containment areas for the acid blending tanks.

DESIGN TREATMENT FLOW RATES

Acid Waste	300 GPM	432,000 Gal/Day
Alkaline Waste	300 GPM	432,000 Gal/Day
Hexavalent Chrome	200 GPM	288,000 Gal/Day
Trace Organics	500 GPM	720,000 Gal/Day
Design Total	1,300 GPM	1,872,000 Gal/Day
Permitted Discharge Rate	400 GPM	576,000 Gal/Day

QUANTITY OF WASTE MANAGED

The estimated maximum quantity of liquid or slurried hazardous/non-hazardous waste treated or managed is 33,126,000 gallons per month or 397,512,000 gallons per year. The estimated maximum quantity of hazardous/non-hazardous solid waste treated or managed is 2,500 tons per month or 30,000 tons per year with a design limit of 9,000 tons per month.

WASTE CONTAINERS RECEIVED

- Rail Road Tank Cars
- Rail Road Box Cars
- Tank Trucks
- IBCs (Intermediate Bulk Containers), totes and tubs
- Drums (varying sizes)
- Bags and Boxes - Cubic Yard
- Roll-off bins
- Ion Exchange Canisters

All containers must be DOT-approved, and constructed of a material that is compatible with its contents. Containers will not be accepted at the Facility, unless they are properly labeled indicating waste description, UN or NA ID number, EPA waste code(s), and/or California waste code(s), and the accumulation start date.

Spent media in ion exchange canisters are consolidated for transfer to a Siemens Water Technologies Corp. regeneration facility or transported for disposal.

PRE-TREATMENT TANK CAPACITIES

Acid Waste	220,000 gallons
Alkaline Waste	330,000 gallons
Hexavalent Chrome	40,000 gallons
Cyanide	40,000 gallons
Trace Organics	145,000 gallons
Non-Hazardous	170,000 gallons
Total	945,000 gallons

PERMITTED CONTAINER STORAGE AREAS

North Container Storage Area (Acid solid & liquids)

Activity:	Storage & Treatment
Area:	26’ x 50’
Type:	RCRA and non-RCRA liquid and solid waste
Maximum Capacity:	15,840 gallons

South Container Storage Area (Caustic solid & liquids)

Activity:	Storage & Treatment
Area:	54’ x 64’
Type:	RCRA and non-RCRA liquid and solid waste
Maximum Capacity:	58,080 gallons

Bulk Containment Area

Activity:	Storage & Treatment
Area:	13,600 square feet
Type:	RCRA and non-RCRA liquid and solid waste
Maximum Capacity:	360,000 gallons

Bulk Off-Load Area

Activity:	Receiving / Temporary Storage
Area:	4,635 square feet
Type:	RCRA and non-RCRA liquids and solid waste
Maximum Capacity:	16,500 gallons

Container Off-Load Area

Activity:	Receiving / Temporary Storage
Area:	4,002 square feet
Type:	RCRA and non-RCRA liquid and solid waste
Maximum Capacity:	16,500 gallons

UNDERGROUND TANKS

The Facility has no underground storage tanks.

SECONDARY CONTAINMENT

All storage areas have secondary containment constructed of concrete. The capacity of the secondary containment areas are calculated based on 10% of the maximum storage capacity or 100% of the volume of the single largest container, whichever is greater, plus rainfall from a 24-hour, 25-year storm event.

CONTAINER DECONTAMINATION AND DESTRUCTION

Empty drums that meet the regulatory definition of “Empty” are either transported to a drum re-conditioner or are transported off-site for shredding and recycle. Containers may also be placed in a drum crusher which compacts them for transport, disposal or recycle pursuant to §22 CCR 66261.7 and 40 CFR 261.7. Devices for cleaning shredding, compacting, baling, etc., may also be utilized in the management of used containers.

First Aid/ CPR Training Basic life support, first aid	**Forklift** Required under Powered Industrial Truck Regulations to operate forklifts
24 Hour HAZWOPER Required for personnel working at a TSDF, non-handling, potential for exposure	**Hazard Communication** Required by permit, orients personnel in use of MSDS, signs, labels
40 Hour HAZWOPER Required for personnel handling hazardous waste, performing on site emergency response	**Hazardous Chemical Handling** Trains personnel in type of chemicals and compatibilities
8-Hour HAZWOPER Refresher Required annual refresher course for 24 and 40 hour certified personnel	**Hearing Conservation** Trains personnel in hearing protection methods
Aerial Man-Lift Training Required to operate an aerial man-lift	**Incident Command Training** Required by 1910.120, City, & Part B, trains supervisory staff in how IC works
Annual Physical Required for 40 and 24 hour certified personnel	**Injury Illness Prevention Plan** Required by law, trains personnel in legal rights of IIPP
Backhoe Safety Training Required under Powered Industrial Truck regulations to operate a backhoe	**Lock-Out-Tag-Out** Required to work on mechanical hazards involving electricity, motors, agitators etc.
Blood Borne Pathogens Required for 1st aid and CPR/confined space certified personnel	**Manifest/ Labeling Training** Trains personnel in how to recognize and correct deficient labels and manifests
Confined Space Required to enter confined spaces	**Personnel Protective Equipment** Required by corporate policy, trains personnel in proper use and selection of PPE
Contingency Plan Required by Part B Permit, give details of emergency evacuation, steps to take in the event of fire, explosion, and earthquake	**Prop.65** Required by state law, trains personnel in recognition of Prop.65 chemicals on site
DOT HM 181/ 126(f) / 215 Training Required by 49 CFR to train personnel in the proper packaging, labeling, & transportation of hazardous waste / materials	**Pre- Employment Physical** Required by corporate policy and 29 CFR 1910.120, 1910.134 & 49 CFR
EH&S Orientation Required by permit, give general details of work place safety and hazards	**Rail Car Training** Required by 49 CFR, trains personnel in shipping requirements, packaging, etc.
Fall Protection, Ladders, & Scaffolding Required to use ladders, scaffolding, and work in places higher than 6 feet.	**Spill Response** Regulatory requirement
Fire Extinguisher Required by City license and by Part B permit, trains personnel in use of Fire Ext.	**Stormwater** Required by Permit. Trains personnel on our site stormwater pollution prevention plan.
Respiratory Protection/ Fit Testing Required by corporate policy and 1910.134, trains personnel in use of APRs, SCBAs	

EMPLOYEE TRAINING MATRIX

Line Item	Training Course	Course Hours	Federal Regulatory Citation	California Code of Regulations CCR	Qualification							Annual Refresher						
					Maintenance	Mtl Handlers	Rcvng Chemist	Lab Chemist	Waste Ops	Sales & Cust. Ser.	Admin	Maintenance	Mtl Handlers	Rcvng Chemist	Lab Chemist	Waste Ops	Sales & Cust. Ser.	Admin
1	1st Aid / CPR Training	6 hrs	1910.151, 1910.151 Appendix A	3400	4	4	4		4			4	4	4		4		
2	24 Hour HAZWOPER	24 hrs	29 CFR, Chapter 17; 1910.120	Title 8 - SubChapter 7 - Section 5192				24		24	24							
3	40 Hour HAZWOPER	40 hrs	29 CFR, Chapter 17; 1910.120	Title 8 - SubChapter 7 - Section 5192	40	40	40		40									
4	8 Hour HAZWOPER Refresher	8 hrs	29 CFR, Chapter 17; 1910.120	Title 8 - SubChapter 7 - Section 5192								8	8	8	8	8	8	8
5	Aerial Man-Lift Training	4 hrs	1910.178	Title 8 - SubChapter 7 - Sections 3636-3648	4	4						4	4					
6	Annual Physical	n/a	29 CFR, Chapter 17; 1910.120	Title 8 - SubChapter 7 - Section 5192								3	3	3	3	3	3	3
7	Backhoe Safety Training	4 hrs	1910.178,1926.602	Title 8 - SubChapter 7 - Sections 3649-3659	4	4						4	4					
8	Bloodborne Pathogens	2 hrs		Title 8 - SubChapter 7, 5156, 5157, 5158, -5193	4	4	4		4			4	4	4		4		
9	Confined Space	4 hrs	29 CFR, Chapter 17; 1910.146	Title 8 - SubChapter 7 - Section 5156-59	4	4	4		4			4	4	4		4		
10	Contingency Plan	30 min	40 CFR, Part 265; 29 CFR - 1910.120	Title 22 - Div 4.5 - Section §66265.50 - 56	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	DOT HM 181 / 126(f) / 215 Training	4 hrs	49 CFR, Part 172, 700-704		4	4	4	4	4	4		4	4	4	4	4	4	4
12	DOT Haz Mat Cargo Security HM 232		49 CFR, Part 172, 800-820		2	2	2	2	2	2		2	2	2	2	2	2	4
13	Emergency Spill Response (8-hour)			Title 8 - SubChapter 7 - Section 5192	8	8	8		8			8	8	8		8		
14	EH&S Orientation	1 hr	40 CFR, Part 265; 29 CFR - 1910.120	Title 8 - SubChapter 7 - Section 5192	4	4	4	4	4	4	4							
15	Fall Protection &Ladders Safety	1 hr	1910.25 - 1910.29,1926.501, 1926.503	3416, 3413,3299, 3267	1	1	1		1			1	1	1		1		
16	Fire Extinguisher	1 hr	1910.155		2	2	2	2	2	2	2	1	1	1	1	1	1	1
17	Forklift	3 hrs	1910.178	Title 8 - SubChapter 7 - Sections 3649-3659	4.5	4.5	4.5		4.5			3	3	3		3		
18	Hazard Communication	1 hr	1910.120,1910.1200	Title 8 - SubChapter 7, Sections 3203, 5189-9-92-94	2	2	2	2	2	2	2	1	1	1	1	1	1	1
19	Hazardous Chemical Handling	8 hrs		Title 8 - SubChapter 7, Sections 3203, 5189-9-92-94	4	4	4	4	4			1	1	1	1	1		
20	Hearing Conservation	30 min.	1910.95, 1926.101	Title 8 - SubChapter 7 - Article 105	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
21	Heat Illnes Prevention		N/A	Title 8 - Section 3395														
22	Hoist & Rigging				4	4	4					4	4	4				
23	Hotwork Permit				1	1						1	1					
24	Incident Command Training	8 hrs	1910.120	Title 8 - SubChapter 7 - Section 5192	8	8	8		8		8	8	8	8		8		8
25	Injury Illness Prevention Program	1 hr	N/A	Title 8 - Section 3203	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	Lock-Out-Block-Out	1.5 hrs	29 CFR, Chapter 17;, 1910.147	Title 8 - SubChapter 7 - Section 3390	4	4	4		4		4	4	4	4		4		
27	Manifest / Labeling Training	8 hrs	Recommended	5189, 5191, 5192, 5194, 66260		4	4		4		4		4	4		4		4
28	Personnel Protective Equipment I	1 hr	1910.120	Title 8 - SubChapter 7, Sections 3380-3385,5192	2	2	2	2	2	2	2	1	1	1	1	1	1	1
29	Powered Tools (Hand & Portable)	0.5 hr	1910.242	Title 8 - SubChapter 7, 3425,3426,3555-60	2	2	2		2			1	1	1		1		
30	Prop. 65	0.5 hr		Title 8 - SubChapter 7 - Section 5194	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
31	Pre-Employment Physical	n/a	1910.120, 1910.134, Part B Permit	Title 8 - SubChapter 7 - Section 5192	4	4	4	4	4	4	4							
32	Rail Car Training	5 hrs	49 CFR, Part 172, 700-704		6	6	6		6	6		4	4	4		4		4
33	Respiratory Protection / Fit Testing	4 hrs	29 CFR, Chapter 17;, 1910.134	Title 8 - SubChapter 7 - Section 5144	3	3	3	3	3			3	3	3	3	3		
34	Safe Lifting (Recommended)	1 hr	Recommended		1	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5
35	Storm Water	45 min.	40 CFR - Part 122	SWRCB #97-03-DWQ	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
36	TSCA 8c/8e		TSCA, 40 CFR §700 - 799		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.25	0.25	0.25	0.25	0.25	0.25	0.25
	Waste Analysis Plan			Title 22 - Div 4.5 - Section §66001-69101														
					130.5	134.5	125.5	56.0	121.5	55.0	55.0	82.3	86.3	77.3	28.3	73.3	24.3	42.3

WASTE PROFILE

The first step in the waste acceptance process involves the generator or their authorized agent completing a profile for the waste. The profile includes information such as:

- Generator information, address, EPA and State ID Numbers, contacts and process(es) generating waste
- Physical characteristics of waste
- Chemical composition of waste, including typical concentration and ranges
- Shipping information, including proper shipping name, DOT classification, EPA and State waste codes
- Hazardous characteristics
- Certification by generator that information is correct

ANALYTICAL DATA

The generator may submit analytical data for the hazardous waste stream. This data would result from analyses of a representative sample. If this data is unavailable, the Facility may obtain a sample for analysis in its own state certified laboratory or utilize an off-site laboratory. Alternatively, the Facility may conditionally approve a waste based upon careful review of the profile, and the sample analysis of the first shipment, before acceptance and processing at the facility.

OTHER TECHNICAL INFORMATION

At the discretion of the Facility, the generator may be required to submit other technical information, such as Material Safety Data Sheets (MSDS), technical data sheets and in-depth process descriptions.

HAZARDOUS WASTE MANIFEST AND LAND DISPOSAL RESTRICTION NOTIFICATION FORM

Each hazardous waste shipment that arrives at the facility must be accompanied by a properly completed Uniform Hazardous Waste Manifest and, in the case of RCRA wastes, an applicable Land Disposal Restriction Notification Form (LDR).

WASTE RECEIVING INSPECTION

Upon arrival, Facility personnel will review shipping documents (i.e., manifest and LDR forms), as well as a visual inspection of the shipment. A sample is then taken for verification of existing information on the waste stream.

DISCREPANCIES

If discrepancies of waste type or quantity are found at any point in the acceptance procedure, the Facility will contact the generator or authorized agent and attempt to resolve the discrepancy via telephone. The profile may be modified or a new profile may be generated with the participation and approval of the generator or their agent. All discrepancies will be noted in the appropriate block on the manifest.

REJECTIONS

If the waste is determined to be unacceptable by the Facility, or discrepancies cannot be resolved with the generator or their agent within a reasonable time, the waste will be rejected.

For tank truck deliveries, the discrepancies and/or reason for rejection will be noted in the discrepancy section of the waste manifest. The unsigned manifest will be returned to the transporter who will then leave the facility.

For containerized waste deliveries, the waste will be directed to an alternate TSDF or returned to the generator with the Facility listed as the offerer on the new waste manifest. The new manifest will contain a reference to the original manifest number on which the waste was originally received and a notation that the shipment is a rejected load or a partial load. Rejected containerized wastes will be shipped off-site within 60 days of rejection.

PURPOSE

The Facility has a written Contingency Plan in place for the purpose of minimizing hazards to human health and the environment from fires, explosions or unplanned sudden or non-sudden releases of hazardous waste.

REVIEW AND AMENDMENT

The Contingency Plan must be reviewed annually and revised as specified in Title 22 66265.54 of the California Code of Regulations for reasons noted below:

1. Changes in applicable regulations
2. The plan fails in an emergency
3. Changes or modifications to the facility or its operation, which materially increase potential hazards to the facility, or potential release of hazardous waste(s) or waste constituents
4. Changes in the list of emergency, safety, technical personnel
5. Changes in the lists of emergency equipment
6. Changes in any emergency contact telephone numbers
7. The facility permit is revised

DISTRIBUTION OF CONTINGENCY PLAN:

Copies and all revisions will be maintained with following personnel or agencies:

On-Site
1. Primary Emergency Coordinator
2. Emergency Coordinator Alternate
3. Lobby office

Off-Site
1. Vernon Fire Department
2. Vernon Police Department
3. Vernon Public Works Department
4. City of Vernon Environmental Health Department
5. State Regional Water Quality Control Board
6. Department of Toxic Substances Control
7. State Office of Emergency Services
8. Hospital likely to provide medical care

VISITOR INFORMATION

Visitors to the facility are required to sign in and out in the reception log. In addition, the following "Visitor's Information" is given to each visitor to read, initial and return to the escort before entering the waste treatment operations area of the facility.

VISITOR INFORMATION – Siemens Water Technologies Corp., Vernon Facility

Introduction:
Welcome to Siemens Water Technologies Corp. This information describes our operations, general health and safety procedures and provides pertinent facility orientation. In general, all visitors to the Facility will be escorted. We ask that you carefully read this information and ask questions or request clarifications wherever applicable. Note that informative signs are posted at key locations throughout the facility.

Potential Hazards:
Siemens Water Technologies Corp. is a permitted hazardous waste treatment, storage and transfer facility. The primary activity at Siemens Water Technologies Corp. is the treatment of hazardous and non-hazardous wastewaters, which are received in bulk tanker and containerized (drum/tote) shipments. These wastes include the common commercial acids, caustics, and other toxic metal bearing wastes. Siemens Water Technologies Corp. also treats wastewaters with traces (less than 1% total) of toxic organic materials. The primary hazards are corrosivity and toxicity. Acids, caustics, cyanides (alkaline), trace organic wastewaters, and their compatible mixtures, are stored in tanks in separate containment areas. Containers are also stored in separate containment areas grouping acids and compatible mixtures separately from caustics, cyanides, and their compatible mixtures. Solid hazardous wastes are also managed in containers of various sizes. Chemical reagents used onsite include liquid chlorine and sulfuric acid, and are the only acutely hazardous materials. The facility map attached provides the locations for these wastes and chemicals. Your escort will provide any additional information and answers to any questions that you may have.

Wastes that are prohibited from being accepted at Siemens Water Technologies Corp., Vernon facility include any PCB's, pesticides, flammable, radioactive, or biological infectious wastes, nor any materials that ignite or react with air or water.

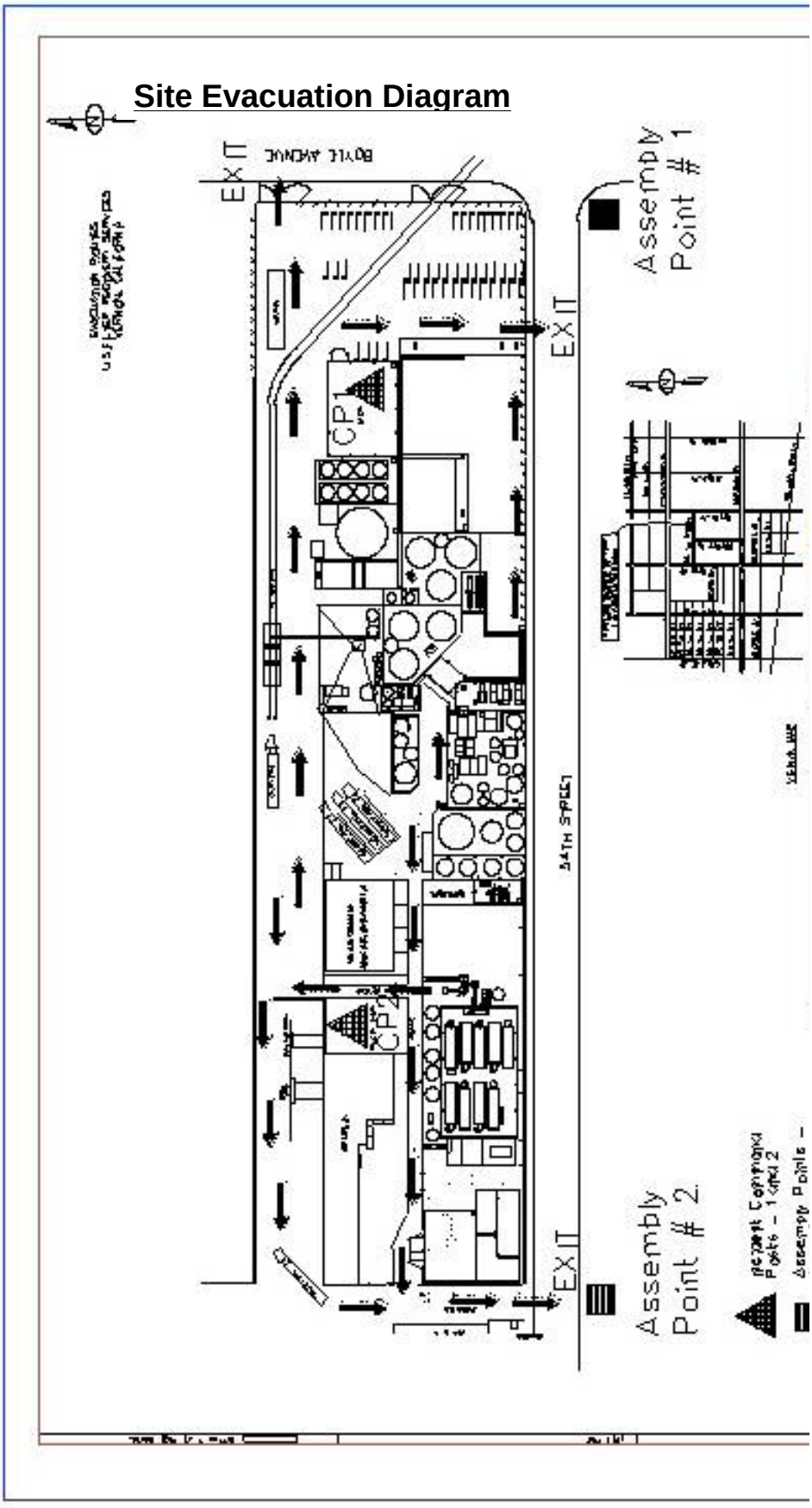
Health & Safety:
As an added measure of safety, you may be required to wear Personal Protective Equipment (PPE) at Siemens Water Technologies Corp. The Siemens Water Technologies Corp. facility is divided into three zones that identify if PPE is required prior to entry. Each zone has signs at the entrance/exit, and clear demarcations. The zones are color-coded as follows: Green (unrestricted, no hazards); Yellow (cautionary restrictions, PPE required as directed); and Red (restricted, treatment and chemical handling area, PPE and contamination control required). The treatment and storage operations are not in enclosed buildings, and therefore exposed to the natural environment. Normal dust, dirt, equipment oil/grease, and water from washings, cooling, and rain may be present. To assure maximum precautions, it should be assumed that there might be traces of hazardous materials in the Red zones that could be work in process, awaiting clean up. To prevent contamination, note that disposable PPE must be discarded, and other PPE, tools, equipment, etc. must be decontaminated before leaving or removal from Red zones, as directed by the signs.

General Facility Restrictions Include:
1. No unescorted access to the Treatment and Storage areas.
2. No eating, drinking, or smoking except in designated areas.
3. No cameras or photographs without prior approval.
4. No independent, unescorted contractor or vendor work may be performed at the facility without proper indoctrination and/or training, proof of training and appropriate insurance, and the acknowledgement of appropriate hazard communications.

Signs:
Please take special note of all signs that define pertinent health and safety requirements and provide communication of potential hazards. Please comply with all signs and other posted instructions.

Facility Layout:
Facility layout maps are posted at various locations throughout the facility. Your escort will show you the map, which provides the general features, locations of hazards, and routes for evacuation in an emergency. Alarm systems will sound and paging will notify you if an evacuation is required. If required, please evacuate the facility as directed on the map, or as directed by your escort. If you have any questions please ask your escort.

Site Evacuation Diagram



ACCESS CONTROL

- Security fencing is provided by chain-link fence 6 to 8 feet high, with multiple barbed wire strands on top.
- Gates are locked to prevent unauthorized entry. Entry is only allowed through self-closing security gates after being screened by Facility employees, using closed circuit T.V. monitoring.
- Video surveillance is provided and monitored by Facility employees.

WARNING SIGNS

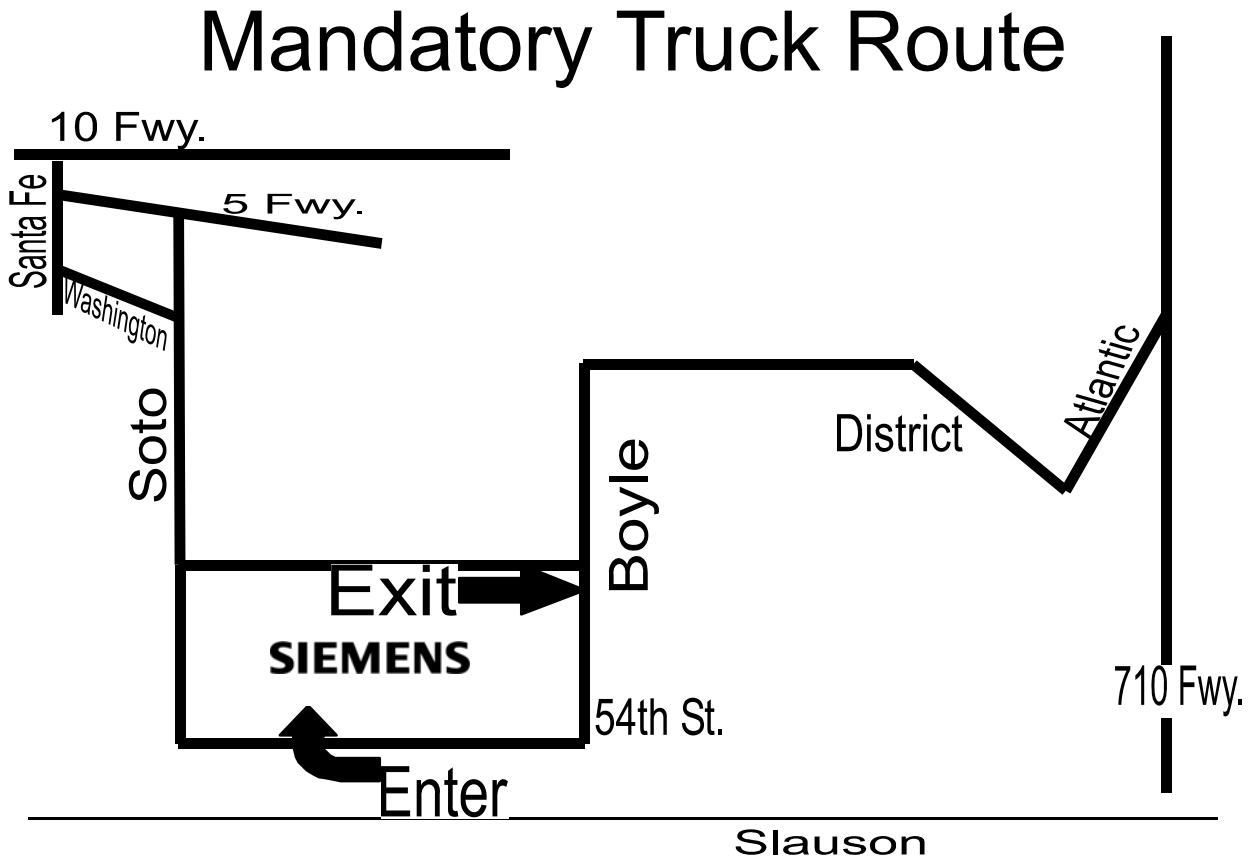
- Warning signs, (indicating that the area inside the perimeter is a "hazardous area") are posted on perimeter fencing and gates.
- All signs and letters can be read at a distance of at least 25 feet.
- Warning signs are in both English and Spanish.

ACCESS ROADS

All roads leading to the Facility are two-way with stop signs or traffic signals located at nearby intersections. Access roads are constructed of six-inch thick reinforced concrete and capable of bearing loads in excess of 50 tons.

APPROVED ROUTES

As part of our Conditional Use Permit with the City of Vernon, the Facility has specific truck routes for accessing the Facility.



INSURANCE

Producer Marsh USA, Inc.
41 Whippany Road
Morristown, NJ 07962

Policy No. See attached certificates

CLOSURE

If the Facility ceases operation, in accordance with permit requirements, all hazardous wastes will be treated in the facility and treated water discharged to Los Angeles County Sanitation District (LACSD) sewer system or removed from tanks and properly transported to an appropriate off-site waste management facility. Each tank and appurtenant equipment will be decontaminated. The concrete areas, if contaminated, will be cleaned, and any contaminated water, soil or equipment will be properly disposed of at an off-site permitted waste management facility.

ESTIMATED COST

Closure costs are approximately $4,858,989 for which an Irrevocable Standby Letter of Credit (No. TPTS-576895) has been established in accordance with regulations.

JPMorganChase

JPMorgan Chase Bank, N.A.
Global Trade Services
300 South Riverside Plaza
Mail Code IL1-0236
Chicago, IL 60606-0236

MAY 29, 2009
OUR L/C NO.: TPTS-576895
APPLICANT REF. NO.: 171149
AMENDMENT NO.: 4

TO:
DEPARTMENT OF TOXIC SUBSTANCES
CONTROL, FINANCIAL RESPONSIBILITY
SECTIONS, 8800 CAL CENTER DRIVE
SACRAMENTO, CA 95826

APPLICANT:
SIEMENS WATER TECHNOLOGIES CORP.
10 TECHNOLOGY DRIVE
LOWELL, MA 01851

IN ACCORDANCE WITH INSTRUCTIONS RECEIVED, THE ABOVE REFERENCED STANDBY LETTER OF CREDIT HAS BEEN AMENDED AS FOLLOWS:

RECEIVER'S REFERENCE: NONREF

L/C INCREASED BY: USD104,596.64

THE AVAILABLE AMOUNT OF THIS LETTER OF CREDIT AFTER GIVING EFFECT TO THIS AMENDMENT IS USD4,858,989.14.

ALL OTHER TERMS AND CONDITIONS OF THE CREDIT REMAIN UNCHANGED.

AUTHORIZED SIGNATURE
Jon P. Pierson
Assistant Vice President

160835 Arelis Rivera

Page 1 of 1

ACORD. CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY) 11/07/08

PRODUCER
MARSH USA, INC.
44 WHIPPANY ROAD
P.O. BOX 1956
MORRISTOWN, NJ 07962-1966

100129-SWT-E-EIL-08/09

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

COMPANY A Greenwich Insurance Company

INSURED
SIEMENS CORPORATION INCLUDING:
SIEMENS WATER TECHNOLOGIES CORP.
170 WOOD AVENUE SOUTH
ISELIN, NJ 08830

COMPANY B

COMPANY C

COMPANY D

COVERAGES This certificate supersedes and replaces any previously issued certificate.

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
	GENERAL LIABILITY				GENERAL AGGREGATE	$
	☐ COMMERCIAL GENERAL LIABILITY				PRODUCTS - COMP/OP AGG	$
	☐ CLAIMS MADE ☐ OCCUR				PERSONAL & ADV INJURY	$
	OWNER'S & CONTRACTOR'S PROT				EACH OCCURRENCE	$
					FIRE DAMAGE (Any one fire)	$
					MED EXP (Any one person)	$
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT	$
	ANY AUTO					
	ALL OWNED AUTOS				BODILY INJURY (Per person)	$
	SCHEDULED AUTOS					
	HIRED AUTOS				BODILY INJURY (Per accident)	$
	NON-OWNED AUTOS					
					PROPERTY DAMAGE	$
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	$
	ANY AUTO				OTHER THAN AUTO ONLY:	
					EACH ACCIDENT	$
					AGGREGATE	$
	EXCESS LIABILITY				EACH OCCURRENCE	$
	UMBRELLA FORM				AGGREGATE	$
	OTHER THAN UMBRELLA FORM					$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				☐ WC STATU-TORY LIMITS ☐ OTH-ER	
	THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE: ☒ INCL ☐ EXCL				EACH ACCIDENT	$
					DISEASE - POLICY LIMIT	$
					DISEASE - EACH EMPLOYEE	$
A	OTHER POLLUTION & REMEDIATION LEGAL LIABILITY	PEC001942603	10/01/08	10/01/11	EACH CLAIM	10,000,000
					AGGREGATE	10,000,000
					SIR	250,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

CERTIFICATE HOLDER NYC-003045034-02

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE INSURANCE COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE of Marsh USA Inc.
BY: Mary Radaszewski

ACORD 25-S (1/95) © ACORD CORPORATION 1988

SAMPLE

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 09/18/2009

PRODUCER
MARSH USA, INC.
44 WHIPPANY ROAD
P.O. BOX 1966
MORRISTOWN, NJ 07962-1966

100129-SWT-.-09/10

THIS CERTIFICATION IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED
SIEMENS CORPORATION INCLUDING:
SIEMENS WATER TECHNOLOGIES CORP.
181 THORN HILL ROAD
WARRENDALE, PA 15086

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: HDI-Gerling America Insurance Company	41343
INSURER B: Liberty Mutual Fire Ins Co	23035
INSURER C: Liberty Insurance Corporation	42404
INSURER D: N/A	N/A
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
A		GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS MADE X OCCUR GENERAL AGGREGATE LIMIT APPLIES PER: POLICY PRO-JECT LOC	GLD11101-01	10/01/2009	10/01/2010	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 1,000,000 $ 100,000 $ 1,000,000 $ 7,500,000 $ INCL.
B		AUTOMOBILE LIABILITY X ANY AUTO X ALL OWNED AUTOS SCHEDULED AUTOS X HIRED AUTOS X NON-OWNED AUTOS	AS2-631-004334-129	10/01/2009	10/01/2010	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 5,000,000 $ N/A $ N/A $ N/A
		GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
A		EXCESS / UMBRELLA LIABILITY X OCCUR CLAIMS MADE DEDUCTIBLE RETENTION $	CUD11102-01	10/01/2009	10/01/2010	EACH OCCURRENCE AGGREGATE	$ 10,000,000 $ 15,000,000
C C		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N N (Mandatory in NH) If yes, describe under SPECIAL PROVISIONS below	WA7-63D-004334-019 (AOS) WC7-631-004334-029 (OR, WI)	10/01/2009 10/01/2009	10/01/2010 10/01/2010	X WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000
		OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS
RE: EVIDENCE OF INSURANCE.

CERTIFICATE HOLDER NYC-003912870-02

SIEMENS CORPORATION INCLUDING:
SIEMENS WATER TECHNOLOGIES CORP.
181 THORN HILL ROAD
WARRENDALE, PA 15086

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE OF MARSH USA INC.
Mary Radaszewski

ACORD 25 (2009/01)

State of California-California Environmental Protection Agency — Department of Toxic Substances Control

LIABILITY CERTIFICATE OF INSURANCE

If additional space is needed, add attachment

Insurer Name:	Insured Name:
Greenwich Insurance Company	**Siemens Water Technologies Corp.**
Insurer Address: Seaview House 70 Seaview Avenue Stamford, CT 06902-6040	Insured Address: 170 Wood Avenue South Iselin, NJ 08830
License Number: 07683 / Issued by State of: CT	

Hazardous Waste Facilities/TTUs Covered:

Hazardous Waste Facilities/TTUs Covered: [Enter Information For Each Facility/TTU]

Name	Address	Hazardous Waste Facility/TTU Identification Number	LIMITS OF LIABILITY: Sudden* Occurrences Each Occurrence/ Annual Aggregate Amount	LIMITS OF LIABILITY: Nonsudden* Occurrences Each Occurrence/ Annual Aggregate Amount
Siemens Water Technologies Corp.	5375 S. Boyle Ave Vernon, CA 90058	CAD097030993	$1,000,000/$2,000,000	$1,000,000/$2,000,000
Policy Number: PEC001942603		Effective Date: 10/1/08-10/01/11	Total: $1,000,000/ $2,000,000	Total: $1,000,000/$2,000,000

* Excluding legal costs and deductibles

Insurer Certification

1. The Insurer hereby certifies that it has issued liability insurance covering bodily injury and property damage to the Insured in connection with the Insured's obligation to demonstrate financial responsibility under California Code of Regulations, title 22, division 4.5, chapter 14 and 15, article 8, sections 66264.147 and 66265.147. The coverage applies at the facilities/transportable treatment units (TTU) listed above for:

☐ sudden accidental ☐ nonsudden accidental occurrences, or ☒ both.

The coverage provided by the above policy is

☒ primary coverage ☐ excess coverage

If excess coverage, the primary coverage mechanism shall also be demonstrated.

2. The Insurer further certifies the following with respect to the insurance described above.

(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 any 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 California Code of Regulations, title 22, division 4.5, chapter 14 and 15, article 8, section 66264.147 and 66265.147.

(c) Whenever requested by the Department of Toxic Substances Control (DTSC), the Insurer agrees to furnish to DTSC a signed duplicate of the original of the policy and all endorsements.

(d) Cancellation of the insurance, whether by the Insurer, the insured, a parent corporation providing insurance coverage for its subsidiary, or by a firm having an insurable interest in and obtaining liability insurance on behalf of the owner or operator

DTSC 1302 (01/06/2000) — Page 1 of 2

of the hazardous waste management facility/TTU will be effective only upon written notice and only after the expiration of 60 days after a copy of such written notice is received by DTSC as evidenced by a duly executed return receipt.

(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 DTSC as evidenced by a duly executed return receipt.

I hereby certify that the wording of this instrument is identical to the wording specified in California Code of Regulations, title 22, section 66264.151, subsection (j), is being executed in accordance with California Code of Regulations, title 22, division 4.5, chapter 14 and 15, article 8, 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.

Authorized Signature of Insurer	Title
Anthony Gentile	10/9/09
Typed or Printed Name of Person Signing: Anthony Gentile	
Signature of Witness or Notary: Lynda S. Keretzman	Date: 10-9-09

PRIVACY STATEMENT

This information is requested by the Department of Toxic Substances Control under Health and Safety Code section 25245, in order to verify adequate financial assurance of hazardous waste facilities/transportable treatment units (TTU). Completion of the form is mandatory. The consequence of not completing the form is denial of a permit to operate a hazardous waste facility/TTU. Information may be provided to the U. S. Environmental Protection Agency, State Attorney General, Air Resources Board, California Integrated Waste Management Board, Energy Resources Conservation and Development Commission, Water Resources Control Board, and California Regional Water Quality Control Boards. For more information or access to your records, contact the Department of Toxic Substances Control, 8800 Cal Center Drive, Sacramento, California 95826, (916) 255-3545.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Lynda S. Keretzman, Notary Public
Uwchlan Twp., Chester County
My Commission Expires June 19, 2012
Member, Pennsylvania Association of Notaries

California Environmental Protection Agency
Department of Toxic Substances Control

HAZARDOUS WASTE FACILITY PERMIT

Facility:
U.S. Filter Recovery Services,
(California) Inc.
5375 S. Boyle Avenue
Vernon, CA 90058

Operator:
U.S. Filter Recovery Services,
(California) Inc.
5375 S. Boyle Avenue
Vernon, CA 90058

Owner:
NI Industries, Inc.
5215 S. Boyle Avenue
Vernon, CA 90058

Regional Permit No.:	96-SC-TS-06
Permit Modification No.	1
EPA ID Number:	CAD 097 030 993
Issuance Date:	August 30, 1996
Effective Date:	October 25, 1996
Expiration Date:	October 7, 2006

Pursuant to Section 25200 of the California Health and Safety Code, this modified Hazardous Waste Facility Permit is hereby issued to U.S. Filter Recovery Services, (California) Inc. (Operator) and NI Industries, Inc. (Owner).

The issuance of this modified Permit is subject to the conditions set forth in Attachment A which consists of 100 pages, Attachment B which consists of 9 pages, Attachment C which consists of 1 page, and Attachment D which consists of 5 pages.

José Kou, Chief
Facility Permitting Branch
Southern California Region, Glendale
Department of Toxic Substances Control

Date: 10/25/96

Dan Skopec
Acting Secretary
Cal/EPA

Department of Toxic Substances Control

Maureen F. Gorsen, Director
1011 North Grandview Avenue
Glendale, California 91201

Arnold Schwarzenegger
Governor

April 25, 2006

Ms. Ingun Littorin
Director, E, H&S
US Filter Recovery Services
5375 South Boyle Avenue
P.O. Box 58128
Los Angeles, California 90058

ADMINISTRATIVE COMPLETENESS APPROVAL FOR THE PERMIT RENEWAL APPLICATION FOR U.S. FILTER RECOVERY FACILITY SERVICES FACILITY LOCATED AT 5375 S. BOYLE AVENUE, LOS ANGELES, CALIFORNIA EPA ID. NO. CAD 097 030 993;

Dear Ms. Littorin:

The Department of Toxic Substances Control (DTSC) recently received the Part B permit application for the renewal of the Hazardous Waste Facility Permit for the U.S. Filter Recovery Services Facility which will expire on October 7, 2006. The renewal Part B permit application was received on March 28, 2006.

Based on your submittal, your permit renewal application is considered to be administratively complete. DTSC will now begin a more detailed technical review of the Part B permit application and issue a Notice of Deficiencies to identify any additional and incomplete information, or concerns with the application, if necessary.

If you have any questions, please call me at (818) 551-2922 or Mr. William Jeffers at (818) 551-2185.

Sincerely,

Allan Plaza

Allan Plaza, P.E.
Unit Chief
Southern California Permitting and Corrective Action Branch
Hazardous Waste Management Program

cc: See next page

STATE OF CALIFORNIA
ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL

RCRA FACILITY ASSESSMENT PHASE I SUMMARY REPORT FOR US. FILTER RECOVERY SERVICES, INC.

Fact Sheet #1 **May 1999**

INTRODUCTION

The California Environmental Protection Agency, Department of Toxic Substances Control (DTSC), has recently completed an environmental assessment at U.S. Filter Recovery Services, Inc. (formerly Norris Environmental Services, Inc. and also known as NI Industries, Inc.), located at 5375 South Boyle Avenue, Vernon. NI Industries, Inc. operated two distinct facilities at this site: an ammunition manufacturing facility and a hazardous waste treatment facility. The hazardous waste treatment facility is the focus of this fact sheet. As a result of this assessment DTSC has concluded that no soil or groundwater cleanup is necessary at this facility which occupies about 4.5 acres. Words in ***italics*** are defined in the Glossary at the end of this fact sheet.

U.S. Filter treats and stores hazardous wastes containing ***acids, caustics, heavy metals*** and small traces of organic material, including ***total toxic organics***, oil and grease. In an uncontrolled environment these substances are deemed hazardous to public health and the environment.

The ***Resource Conservation and Recovery Act*** Facility Assessment (RFA), was conducted in March, 1997 and involved collecting soil samples at four different locations: 1) under a drum storage area used to store ***alkaline*** and ***cyanide*** wastes; 2) a drum storage area for acid and chromate wastes; 3) two tanks used to store chromate; and 4) a roll-off bin storage area used for temporary storage of filter cake, composed of precipitated metals generated from wastewater treatment (see Fig.-1). DTSC staff oversaw the week-long investigation, and took independent soil samples to verify the work of Meredith/Boli & Associates, Inc., an environmental firm hired by the property owner, NI Industries, Inc. (NI) to conduct the investigation. DTSC also reviewed the follow up RFA Report this summer, and concluded that the soil showed no detectable levels of contamination. Therefore, DTSC has determined that no further action is required at the U.S. Filter Recovery Services facility.

Additional details on the facility, the environmental assessment, future regulatory activities and public involvement opportunities, are listed below.