D/K Environmental

HAZARDOUS WASTE, STORAGE, TREATMENT, RECYCLING, AND TRANSFER FACILITY

CLOSURE PLAN

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List of Acronyms

Following is a list of acronyms as used in this Closure Plan:

CCR ..... California Code of Regulations

CPI .....Corrugated Plate Interceptor separator

DAF .....Dissolved Air Floatation (DAF) separator

DCU-601 ..... Drum Crusher

DKE ..... D/K Environmental

DKE SWP –13101 ..... Standard Work Procedures (DKE SWP –13101) Removing Waste Material from Tanks and Vessels to Make Empty

DOT ..... Department of Transportation

DTSC .....Department of Toxic Substances Control

ELAP .....Laboratory certified by Environmental Laboratory Approval Program that meets the Environmental Laboratory Approval Program certification requirements

EPA..... Environmental Protection Agency

FRP.....Fiber Reinforced Polyester

Hazardous Waste Management Units as referenced in this Closure Plan:

M-1.....M-1 Treatment Unit and/or Tank M-1
M-2.....M-2 Treatment Unit and/or Tank M-2
M-11.....M-11 Treatment Unit and/or Tank M-11
F-501 ..... F-501 Treatment Unit and/or F-501 Filter Press
F-502 .....F-502 Treatment Unit and/or F-501 Filter press
WPS..... Wastewater Physical Separation Unit
WPU ..... Wastewater Polishing Unit
BDT..... Batch Discharge Tanks
SWST .....Solvent Wastewater Storage & Treatment Unit
STT .....Storage and Treatment Tank Unit

ABRS ..... Acid Bulk Receiving & Storage Unit
CRIU ..... Container Receiving and Inspection Unit
CSUW ..... Container Storage Unit West
CSSU ..... Consolidation of Solid and Sludges Unit
BSSU ..... Bulk Solid Storage Unit
RLUU ..... Railcar Loading & Unloading Unit

HSC ..... California Health & Safety Code

LACSD ..... Los Angeles County Sanitation District

LDR ..... Land Disposal Restriction

MDL ..... Method Detection Limits

MX-601 ..... Mixer

Non-RCRA hazardous waste ..... All hazardous waste regulated in the State of California, other than RCRA hazardous waste as defined In Health and Safety section 25120.2

PID ..... Photo Ionization Detector

POTW ..... Publicly Owned Treatment Works

PQL ..... Practical Quantification Limits

PRG ..... Permissible Remediation Goal

RCRA hazardous waste ..... All waste identified as a hazardous waste in Part 261 (commencing with section 261.1) of Subchapter I of Chapter 1 of Title 40 of the Code of Federal Regulations and appendixes thereto. (HSC section 25120.2)

SCAQMD ..... South Coast Air Quality Management District

TSD or TSDF ..... Transfer Storage Disposal Facility

VOC or VOCs ..... Volatile Organic Compounds

Table of Contents

A. Introduction

The following closure plan outlines D/K Environmental's (DKE's) approach in closing the current facility activities except for the activities associated with the railcar loading and unloading activities.

This closure plan provides for the existing facility using either DKE personnel and/or third party contractors, although no credit will be taken in the closure cost estimate for these savings.

The closure cost estimate is based on off-site disposal of all hazardous waste. All wastes in inventory will be shipped off-site to a third party treatment and/or disposal facility.

DKE has hired a California Registered Professional Engineer to implement the closure plan, oversee the closure, and issue the final closure certification after closure activities have been completed.

B. Facility Identification

D/K Environmental is an existing, RCRA permitted, hazardous waste treatment, storage, recycling and transfer facility. The facility is operating under a RCRA permit issued on June 29, 1987 and subsequently revised.

EPA Identification Number: CAT 080033681

DKE treated, stored, recycled, and transferred RCRA, Non-RCRA, and Non Hazardous waste received from off-site generators. DKE's off-site generators are various Federal, State, and Local Agencies as well as Private Industries.

The wastes were brought to the facility in various sizes of drums and containers, tanker trucks, vacuum trucks, roll-off bins, and railcars.

The received wastes were treated by a sequence of chemical and/or physical processes to destroy or remove hazardous constituents from the waste. The products from the treatment processes were either recycled onsite or shipped off-site to an appropriate disposal facility. Wastewaters produced by the various treatment processes were further treated and discharged by permit to the Los Angeles County Sanitation District (LACSD). Received waste that could not be treated on-site were consolidated and shipped off-site to an appropriate treatment and/or disposal facility.

DKE accepted a wide variety of wastes for storage, treatment, recycling, and transfer. These wastes include, but are not limited to: metal bearing wastes from the metal plating/finishing industry and electronic industry; scale removal from

radiator shops and various industrial activities; aqueous wastes with corrosives and/or metals; caustic wastes and acidic wastes with/without metals and/or solids; oily wastewaters with/without metals and/or solids; used oil and waste oil; fuel mixtures with water; wastes associated with vehicle maintenance; wastes associates with underground tank removal, monitoring wells, spill cleanups, site cleanups, tank cleanouts; aged, surplus, or off-specification waste chemicals/products;

In managing the wastes, DKE's activities involved: neutralization of corrosives, precipitation of metals; chemical oxidation; phase and gravity separation; hexavalent chrome reduction; blending; separation of oil and water emulsions; acidification; neutralization; filtration; chemical treatment; dissolved air flotation; activated carbon adsorption; accumulation of treated wastewaters, solidification, consolidation, storage and transfer. There is no disposal of hazardous waste at the DKE site.

The wastes received were managed in one or more of the following waste management units:

- M-1 Treatment Unit
- M-2 Treatment Unit
- M-11 Treatment Unit
- F-501 Treatment Unit
- F-502 Treatment Unit
- Wastewater Physical Separation Unit
- Wastewater Polishing Unit
- Batch Discharge Tanks
- Solvent Wastewater Storage & Treatment Unit
- Storage and Treatment Tank Unit
- Acid Bulk Receiving & Storage Unit
- Container Receiving and Inspection Unit
- Container Storage Unit West
- Consolidation of Solid and Sludges Unit
- Bulk Solid Storage Unit
- Railcar Loading & Unloading Unit

Waste is still currently received and managed in the Railcar Loading & Unloading Unit.

C. Facility Location

The following is a brief summary of the environmental setting of the facility.

The DKE facility is located at 3650 26th Street, Vernon, California. The facility is not on Indian land. Currently, the facility is a hazardous waste storage, treatment, and transfer facility. There is no disposal of hazardous waste at the DKE site.

Hydrogeologic Conditions

The coastal plain has been divided into four groundwater basins by geological and surface features. One of these is the Central Basin, which extends over most of Los Angeles County east and northeast of the Newport-Inglewood uplift. The Central Basin is divided into three parts: the Los Angeles and Montebello Forebay Areas, the Whittier Area and the Central Basin Pressure Area. The facility is located within the Central Basin Pressure Area. The Central Basin Pressure Area is the largest of the four divisions of the Central Basin. It is called the "pressure area" because the aquifers within it are confined or semi-confined by low permeable layers of clay and silt (aquitards) over most of the area. The distribution and continuity of these low permeable layers and aquitards varies throughout the pressure area. One of the most important low permeable layers is at or near the surface. This near-surface low permeable layer is missing in local areas and contains zones of relatively more permeable material in many places where water could move into or out of the underlying aquifer. Accordingly, completely confined conditions do not exist in the pressure area.

In this pressure area the aquifers are confined by many low permeable layers and aquitards, only one of which has been named. This is the near-surface Bellflower unit which restricts vertical percolation into the Gaspur and other underlying aquifers.

The recent alluvium covers most of the Central Basin Pressure Area and attains a maximum thickness of 200 feet near the City of Bellflower. It contains the semi-perched aquifer, the Bellflower low permeable layer, and the Gaspur aquifer. The semi-perched aquifer consists of sands and gravels 20 to 60 feet thick overlying the Bellflower.

The Bellflower low permeable layer is found throughout the pressure area and consists of clay and silt; yet, there are many areas where it consists principally of clayey sands and gravels and where its effectiveness as a low permeable layer is limited. The Bellflower low permeable layer ranges in thickness from a few feet to 160 feet. The Gaspur aquifer consists of coarse sand and gravel and ranges in thickness from 40 to 100 feet.

The Lakewood formation contains part of the Bellflower and the Artesia, Exposition, Gage, and Gardena aquifers. The water-bearing materials immediately beneath the Bellflower low permeable layer are called the Exposition aquifer. The Exposition aquifer ranges from 20 to over 100 feet in

thickness and reaches a maximum thickness of about 230 feet southeast of Huntington Park. The Gage aquifer consists of fine-grained sand and silty sand ranging from 5 to 120 feet in thickness. Its maximum depth is 380 feet near the City of Lakewood. The Gardena aquifer consists of coarse-grained sand and gravel from 10 to 60 feet in thickness. It extends to a depth of about 390 feet near the City of Lynwood. The Gage and Gardena aquifers mark the base of the Lakewood formation. They mark the contact with the underlying San Pedro formation.

The San Pedro formation contains some of the most important aquifers in the area. These are the Hollydale, Jefferson, Lynwood, Silverado, and Sunnyside aquifers. The Hollydale and Jefferson aquifers are in the upper portion of the San Pedro formation. They are principally sand and silty sand with interbedded clays. Its thickness ranges from 10 to 100 feet; maximum thickness is about 570 feet east of the City of Compton. The Jefferson aquifer is mostly fine-grained sand with gravel. It ranges in thickness from 10 to 140 feet. Both aquifers are important sources of groundwater for municipal uses.

The Lynwood and Silverado aquifers yield considerably more water to wells in the Central Basin Pressure Area. The Lynwood aquifer consists of coarse-grained sands and gravels; it ranges in thickness from less than 50 feet to more than 150 feet. The Silverado aquifer is mostly sands and gravels with thickness ranging from 50 feet to more than 450 feet.

Structural features control or influence the occurrence and movement of groundwater in the Central Basin Pressure Area. These include the South Gate-Santa Ana Depression and the Newport-Inglewood uplift. The faults and anticlinal folds of the Newport-Inglewood uplift define the west and southwest boundary of the Central Basin Pressure Area and are partial barriers to movement of groundwater from the Central Basin to the West Basin.

Occurrence of Groundwater

Groundwater is found in the recent alluvium and in the Lakewood and San Pedro formations. Replenishment of the aquifers by percolation of precipitation, stream flow, and applied water occurs in the forebay areas where permeable sediments are exposed at the ground surface. The transmissivity (T) of aquifers in the Central Basin is extremely variable. The Gaspur aquifer generally has a T value of less than 200,000 gallons per day per foot (gpd/ft). The Exposition aquifer averages about 30,000 gpd/ft. The Gage aquifer also averages about 30,000 gpd/ft. T values for the Hollydale and Jefferson aquifers are about 20,000 gpd/ft. The Lynwood averages about 40,000 gpd/ft and the Silverado aquifer is at about 60,000 gpd/ft.

Groundwater stored in the aquifers of the Central Basin is pumped extensively for municipal and industrial uses. The principal aquifers, which are the source of supply for such wells, include the Exposition, Gage, Hollydale, Lynwood, and Silverado aquifers. In general, groundwater moves from the forebay areas toward the south. Extensive pumping throughout the basin has significantly lowered water levels and altered flow patterns within the Central Basin. Historically, groundwater flowed from the Central Basin into the West Coast Basin. However, the hydraulic gradient, which has developed over the years, allows for very little groundwater exchange between the two basins. Annual measurements of groundwater levels in the deep aquifers are monitored and reported.

Site Hydrogeology

The following information on the hydrogeology at depth beneath the facility was obtained from the State of California Department of Water Resources Bulletin No. 104.

The site hydrogeology is typical of the Central Basin and is characterized by a downward succession of major water-bearing units and low permeable layers. The upper portion of the sediment beneath the facility is broadly described as the Bellflower low permeable layer. The Gaspur aquifer is believed to be present in this portion of the Vernon. The Exposition aquifer underlies the Gaspur aquifer and is about 150 feet thick. Separating the Exposition aquifer from the Gardena aquifer is a thin lower permeable unit, which is estimated to be 30 feet thick. The Gardena aquifer dips to the east beneath the facility and is comprised of about 50 feet of water-bearing materials. Beneath the Gardena aquifer is a thin low permeable unit, which overlies the Hollydale aquifer. In this portion of the Central Basin, the Hollydale aquifer is about 50 feet thick. The Jefferson, Lynwood, and Silverado aquifers are separated from the Hollydale aquifer, which is about 100 feet thick.

The exact nature of the hydrogeology beneath the facility has not been adequately confirmed. However, the City of Vernon has nine water wells located throughout the city, six of which are within 1.5 miles from the facility, see Figures, Figure 5, City of Vernon Well Locations in Proximity to D/K Environmental. Depth to water within those six wells ranges from 159 ft. bgs to 203 ft. bgs. Based on the six wells, DKE believes depth to ground water beneath the site is approximately 159 ft bgs.

D. Facility Design

Description of Hazardous Waste Management Units

The DKE facility utilized the following process/management units:

M-1 Treatment Unit	M-1
M-2 Treatment Unit	M-2
M-11 Treatment Unit	M-11
F-501 Treatment Unit	F-501
F-502 Treatment Unit	F-502
Wastewater Physical Separation Unit	WPS
Wastewater Polishing Unit	WPU
Batch Discharge Tanks	BDT
Solvent Wastewater Storage & Treatment Unit	SWST
Storage & Treatment Tanks	STT
Acid Bulk Receiving & Storage	ABRS
Container Receiving and Inspection Unit	CRIU
Container Storage Unit West	CSUW
Consolidation of Solids & Sludges Unit	CSSU
Bulk Solids Storage Unit	BSSU
Railcar Loading & Unloading Unit	RLUU

The units identified above received, stored, processed, and/or treated the received wastes. Generated wastes were processed and treated prior to discharge or properly manifested and shipped off-site to an approved disposal facility.

Brief descriptions for these processes are provided below.

M-1 Treatment Unit M-1 is a batch treatment system that primarily is used to treat wastes at low pH to reduce hexavalent chromium (optimally at a pH of about 3) and separate oil and water emulsions (optimally at a pH of below 2 pH). After acidic treatment, the batch may be neutralized in M-1 directly or injected into M-11 for neutralization The primary treatment processes employed are consolidation of wastes, neutralization of corrosives, precipitation of metals, chemical oxidation of organics and low levels of sulfides and cyanides, phase separation, and hexavalent chromium reduction.

M-1 treatment is not allowed to rise above a pH of 10 at any time.

The M-1 treatment unit consists of: Tank M-1 is a 15,175 gallon cone bottom, above ground, FRP tank (including 2,490 gallons in the cone).

The M-1 treatment unit is located within Tank Farm F, at the northwest corner of the facility, inside a secondary containment system which includes only materials that are compatible with the contents of M-1 at any time during the treatment process. The location and boundary of this waste management unit are shown in Appendix A(A) - Figure IV-1 (initial).

M-2 Treatment Unit M-2 is a batch treatment system that primarily is used to separate oil and water emulsions (optimally at a pH of 2 or lower). M-2 is also used to consolidate compatible waste acids prior to treatment in M-1 or M-11. The primary treatment processes employed are consolidation of wastes, acidification, phase separation, and neutralization of the recovered oil phase. M-2 treatment is not allowed to rise above a pH of 10 at anytime.

The M-2 treatment unit consists of the following equipment: Tank M-2 is a 20,000 gallon flat bottom, above ground, FRP tank.

The M-2 treatment unit is located within Tank Farm F, at the northwest corner of the facility, inside a secondary containment system which includes only materials that are compatible with the contents of M-2 at any time during the treatment process. The location and boundary of this waste management unit are shown in Appendix A(B) – Figure IV-2 (Initial).

M-11 Treatment Unit M-11 is a batch treatment system that primarily is used to treat corrosives and aqueous wastes prior to discharge of the water phase to the Los Angeles County Sanitation District (LACSD) POTW. The primary treatment processes employed are consolidation of wastes, neutralization of corrosives, precipitation of metals, and chemical oxidation of organics and low levels of sulfides and cyanides, and phase separation.

M-11 treatment is not allowed to drop below a pH of 4 at any time.

M-11 treatment unit consist of Tank M-11, 17,756 gallon cone bottom, above ground, FRP (including 1,691 gallons in the cone).

The M-11 treatment unit is located within Tank Farm D inside a secondary containment system which includes only materials that are compatible with the contents of M-11 at any time during the treatment process. The location and boundary of this waste management unit are shown in Appendix A(C) - Figure IV-3 (initial).

F-501 Treatment Unit F-501 is a batch treatment system that consists primarily of a plate and frame filter press. It is used to remove solids from slurries of

aqueous wastes prior to discharge of the water phase to the LACSD POTW. The primary treatment process employed is filtration.

F-501 treatment does not filter slurries below a pH of 4 or above 12.5 at any time.

The F-501 system consists of a Hoesch Industries plate and frame filter press with 39 frames 36” x 36” x 2”. The total filter cake capacity is 57 cubic feet, all of which is above ground:

The F-501 treatment system is located within Tank Farm D, inside a secondary containment system which includes only materials that are compatible with the contents of F-501 at any time during the treatment process. The location and boundary of this waste management unit are shown in Appendix A(D) - Figure IV-6 (initial).

F-502 Treatment Unit F-502 is a batch treatment system that consists primarily of a plate and frame filter press. It is used to remove solids from slurries of aqueous wastes prior to discharge of the water phase to the LACSD POTW. The primary treatment process employed is filtration.

F-502 treatment does not filter slurries below a pH of 4 or above 12.5 at any time.

The F-502 system consists of a U.S. Filter/JWI, Inc.1200 mm plate and frame filter press with 24 plates measuring 48” x 48” and has a capacity of 30 cubic feet filter cake which is expandable to 60 cubic feet with 46 plates, all of which is above ground.

The F-502 treatment system is located within Tank Farm A2, inside a secondary containment system which includes only materials that are compatible with the contents of F-502 at any time during the treatment process. The location and boundary of this waste management unit are shown in Appendix A(E) - Figure IV-7 (initial).

Wastewater Physical Separation Unit The Wastewater Physical Separation Unit removes suspended and emulsified oils, dissolved metals, and suspended solids from wastewaters being pretreated prior to discharge to the LACSD POTW.

This treatment unit utilizes chemical treatment, gravity separation, and dissolved air flotation.

The Wastewater Physical Separation unit consists of the following primary equipment, all of which are above ground:

E-430 - (CPI-401) Corrugated plate interceptor separator, carbon steel, sloped bottom.
E-400 -(CPI-402) –Corrugated plate interceptor separator, carbon steel, sloped bottom.
E-450 – (DAF-401) Dissolved Air Floatation (DAF) separator, carbon steel, flat bottom.
D-401 Air dissolver drum, carbon steel, dished head (top and bottom).
D-402 DAF Float receiver, carbon steel, cone bottom.
T-401 (D-403) Oil Receiver, cross-linked polyethylene, flat bottom.
T-402 (D-404) Effluent Receiver, carbon steel, flat bottom.
T-702 (D-702) Effluent Receiver, carbon steel, flat bottom.
T-705 (D-705) Effluent Receiver, FRP, flat bottom.

Sump 10 is a fiberglass sump that sits in a concrete sump. The fiberglass sump provides primary containment for waste, while the concreted sump provides secondary containment. Note: Sump 10 is not 100 percent above ground. Partially above/partially below grade. Waste/open inlet is above grade of containment walls so no run in.

Tank details can be found in Table 9 – Tank Table.

The Wastewater Physical Separation Unit is located within Tank Farm B. The location and boundary of this waste management unit are shown in Appendix A(G) - Figure IV-9 (initial). Tank farm Area B also contained the former waste water pond or waste disposal pit utilized by Vulcan Detinning/Proler International prior to 1983.

Wastewater Polishing Unit The Wastewater Polishing Unit removes dissolved organics and metals from wastewaters being pretreated prior to discharge to the LACSD POTW.
This treatment unit utilizes activated carbon adsorption.

The Wastewater Polishing unit consists of the following primary equipment all of which are all vertical, carbon steel process vessels, above ground:

CA-401 and CA-402 may contain up to 150 cubic feet of activated carbon each.

CA-1 and CA-2 may contain up to 113 cubic feet of activated carbon each.

KS-1 and KS-2 may contain up to 178 cubic feet of activated carbon each.

The Wastewater Polishing unit is located within Tank Farm B. The location and boundary of this waste management unit are shown in Appendix A(H) - Figure IV-10 (Final).

Batch Discharge Tanks The Batch Discharge Tanks are used to accumulate pretreated wastewater from DKE's various treatment units prior to testing and discharge to the LACSD POTW. The discharge of pretreated wastewater from the batch discharge tanks is by LACSD Permit No. 14633.

The Batch Discharge Tank unit consists of the following tanks, all of which are above ground:

Tank 320 – 63, 420 gallon flat bottom steel tank
Tank 321 - 63, 420 gallon flat bottom steel tank

The Batch Discharge Tank unit is located South of Tank Farm Area A1. The location and boundary of this waste management unit are shown in Appendix A(I) - Figure IV-11 (initial).

Solvent Wastewater Storage & Treatment Unit This unit includes two tanks used to receive and treat wastewater-containing solvents. These tanks are not used to store or treat D001 ignitable wastes, D003 reactive wastes, or acids of $pH \leq 2$.

These tanks are used to store compatible wastes prior to treatment in the Wastewater Polishing Unit. The primary treatment processes employed are consolidation of wastes and gravity separation.

The Solvent Wastewater Storage & Treatment Unit consists of the following primary equipment:

Tank T-103 – 11,838 gallon, vertical, above ground, carbon steel
Tank T-104 – 11,838 gallon, vertical, above ground, carbon steel

The Solvent Wastewater Storage and Treatment Unit is located within Tank Farm C. The location and boundary of this waste management unit are shown in Appendix A(J) - Figure IV-12 (initial).

Storage & Treatment Tanks Unit This section covers all of the hazardous waste storage and treatment tanks not covered in other unit descriptions. These tanks are not used to store or treat D001 ignitable wastes, D003 reactive wastes, or D002 acid wastes.

Other hazardous waste storage and treatment tanks are listed in the following hazardous waste management units:

- M-1 Treatment Unit
- M-2 Treatment Unit

- M-11 Treatment Unit
- Acid Bulk Receiving & Storage Unit
- Solvent Wastewater Storage & Treatment Unit
- Batch Discharge Tanks

These tanks are used to store compatible wastes prior to treatment in one of the treatment units. The primary treatment processes employed are consolidation of wastes, chemical treatment, and gravity separation.

The Storage & Treatment Tank Unit consists of the following tanks, all of which are vertical tanks, flat bottom, and above ground.

Tank Farm Area A1:
Tank T-309 – 16,800 gallon, horizontal, above ground, carbon steel, dished head
Tank T-310 – 16,800 gallon, horizontal, above ground, carbon steel, dished head
Tank T-311 – 2,725 gallon, vertical, above ground, FRP, flat bottom
Tank T-312 – 2,725 gallon, vertical, above ground, FRP, flat bottom

Tank Farm Area B:
Tank T-725 – 2,700 gallon, vertical, above ground, cross-linked polyethylene, flat bottom
Tank T-761A – 1,450 gallon, vertical, above ground, cross-linked polyethylene, flat bottom
Tank T-761B – 1,000 gallon, vertical, above ground, cross-linked polyethylene, flat bottom
Tank T-762 – 1,450 gallon, vertical, above ground, cross-linked polyethylene, flat bottom

Tank Farm Area C:
Tank T-001 – 6,000 gallon, vertical, above ground, cross-linked polyethylene, flat bottom
Tank 101 - 16,065 gallon flat bottom, carbon steel, tank
Tank 102 - 16,065 gallon flat bottom, carbon steel, tank
Tank T-201 – 11,838 gallon, vertical, above ground, carbon steel, flat bottom
Tank T-202 – 32,882 gallon, vertical, carbon steel, flat bottom
Tank T-780 – 11,838 gallon, vertical, above ground, carbon steel, flat bottom

Tank Farm Area D:
Tank T-203 – 16,065 gallon, vertical, carbon steel, flat bottom
Tank T-204 – 11,838 gallon, vertical, above ground, carbon steel, flat bottom
Tank T-210 – 11,838 gallon, vertical, above ground, carbon steel, flat bottom
Tank 306 - 16,065 gallon flat bottom, carbon steel, tank
Tank 307 - 16,065 gallon flat bottom, carbon steel, tank
Tank 308 - 16,065 gallon flat bottom, carbon steel, tank, flat bottom

Tank T-720 – 6,000 gallon, vertical, above ground, FRP (fiber reinforced polyester), flat bottom
Tank T-720A – 2,937 gallon, vertical, above ground, FRP, flat bottom
Tank T-721 – 6,409 gallon, horizontal, above ground, FRP, dished head

Tank details can be found in Table 9 – Tank Table.

Storage & Treatment Tanks are located within various Tank Farm areas (Area A1, Area B, Area C, and Area D) a secondary containment system which includes only materials that are compatible with the contents of these tanks at any time during the waste treatment and storage process. The location and boundary of the Storage & Treatment Tanks Unit are shown in Appendix A(K) - Figure IV-13 (initial).

Acid Bulk Receiving & Storage Unit M-3, M-4, M-5, & M-6 are tanks used to store compatible waste acids prior to treatment in one of the treatment units. The primary treatment process employed is consolidation of wastes.

The Acid Bulk Receiving & Storage Unit consists of the following tanks, all of which are above ground:

Tank M-3 – 8,808 gallon, flat bottom, vertical FRP
Tank M-4 – 8,808 gallon, flat bottom, vertical FRP
Tank M-5 – 5,261 gallon, flat bottom, vertical carbon steel with FRP lining
Tank M-6 – 3,876 gallon, dished heads, horizontal FRP

Tank details can be found in Table 9 – Tank Table.

The Acid Bulk Receiving & Storage Unit is located within Tank Farm F. The location and boundary of this waste management unit are shown in Appendix A(L) - Figure IV-14 (initial).

Container Receiving & Inspection Unit The Container Receiving & Inspection Unit is located in the northeast portion of the facility. This unit is used as a place to unload DOT containers of waste that have been transported to the facility so that they can be inspected, sampled, analyzed, and all of the Waste Analysis Plan requirements completed prior to the manifest being signed. Wastes may be in this unit for up to ten days. Wastes in this unit are on manifests and in the possession of a permitted transporter.

This unit can store up to 960, 55 gallon drums, or their equivalent volume of 52,800 gallons in any mixture of container sizes of up to 550 gallons each. Spill pallets are used to allow for segregation of incompatibles. Acid wastes are

stored at the North end of the Container Receiving & Inspection Unit and caustics are stored at the South end of the Container Receiving & Inspection Unit.

This unit does not contain D001 ignitable waste or D003 reactive waste.

The location and boundary of this waste management unit are shown in Appendix A(M) - Figure IV-15 (initial).

The former, Triple J Pacification, truck wash sump area is also located within the Container Receiving and Inspection Unit boundary.

Container Storage Unit West This unit stores DOT containers of waste that have been received by the facility, the Waste Analysis Plan requirements have been completed, and the manifest signed. The Container Storage Unit West is located inside the main building in its north section. This unit stores containers received from off-site or containers of byproducts generated on-site for up to one year.

The wastes stored in the Container Storage Unit West include wastes that will be treated in one of the on-site treatment units. Wastes may also be stored in this unit prior to shipment off-site to a properly permitted facility for treatment and/or disposal.

The Container Storage Unit West is covered under a roof, and has a maximum total capacity of 33,000 gallons. This maximum capacity is based upon a maximum of 150 double-stacked pallets, each pallet containing 4 – 55 gallon drums, or 275-gallon tote, or their equivalent volume of 33,000 gallons in any mixture of container sizes of up to 550 gallons each.

This unit has two separate secondary containments to allow for segregation of incompatibles.

The acid containment is at the north end. It can store up to 54 pallets, containing up to 216, 55 gallon drums, or their equivalent volume of 11,880 gallons in any mixture of container sizes of up to 550 gallons.

The other containment stores all other compatible wastes except acids. It can store up to 96 pallets, containing up to 384, 55 gallon drums, or their equivalent volume of 21,120 gallons in any mixture of container sizes of up to 550 gallons.

The Container Storage Unit West does not store D001 ignitable waste or D003 reactive waste.

The location and boundary of this waste management unit are shown in Appendix A(N) - Figure IV-16 (initial).

Consolidation of Solids & Sludges Unit The Consolidation of Solids & Sludges Unit is common with the Bulk Solids Storage Unit and the Railcar Loading & Unloading Unit since all consolidation takes place in roll-off bins, end dump trailers, other DOT containers, or railcars in those units.

The Consolidation of Solids & Sludges Unit includes mixer MX-601 and drum crusher DCU-601. Consolidation of solids and sludges is a batch process.

Wastes that contain free liquids require solidification (prior to eventual shipment off-site for additional treatment and/or landfill) with a drying aid like kiln dust or fly ash. This drying aid can be mixed with the sludge in MX-601.

Empty containers and containers of solids and sludge after pumpable/pourable free liquids have been removed are crushed and compacted in Drum Crusher DCU-601. After crushing/compacting, the containers are loaded into roll-off bins, end dumps, or other DOT containers, transferred to other on-site units, or shipped off-site. The largest container that Drum Crusher DCU-601 can manage is 85 gallons.

This unit does not treat D001 ignitable waste or D003 reactive waste.

The Consolidation of Solids & Sludges Unit consist of the following:

Mixer MX-601 - 2 cubic yards per batch,

Drum Crusher DCU-601 – Thirty-five 85 gallon drums (or the equivalent volume of 2,550 gallons in various sized containers) per hour.

The Consolidation of Solids and Sludges Unit mixer MX-601 and drum crusher DCU-601, are located northeast of Tank Farm Area A1. The Consolidation of Solids and Sludges Unit is also located south of the Bulk Solids Storage Unit and the Railcar Loading and Unloading Unit. The location and the boundary of this waste management unit are shown Appendix A(O) - Figure IV-17 (initial).

Bulk Solids Storage Unit The Bulk Solids Storage Unit is south of the Container Receiving and Inspection Unit. The Bulk Solids Storage Unit is common with the Consolidation of Solids and Sludges Unit, and the Railcar Loading and Unloading Unit.

The Bulk Solids Storage Unit stores solids without free liquids in roll-off bins, end dump trailers and other DOT containers in any variety of sizes. Wastes may be stored in this unit for up to one year.

The wastes stored in the Bulk Solids Storage Unit include wastes that are treatment products from the F-501 Treatment Unit, F-502 Treatment Unit, or Consolidation of Solids & Sludges Unit. Wastes may also be received into this unit from off-site. Containers received from off-site are sampled and inspected in this unit.

This unit does not store D001 ignitable waste or D003 reactive waste.

The Bulk Solids Storage Unit can store a maximum of 600 cubic yards of solids in any mixture of sizes of roll-off bins, end dump trailers, and other DOT containers.

The Bulk Solids Storage Unit is common with the Consolidation of Solids and Sludges Unit, and the Railcar Loading and Unloading Unit. The location and the boundary of this waste management unit are shown in Appendix A(P) - Figure IV-18 (initial).

Railcar Loading & Unloading Unit The Railcar Loading & Unloading Unit is used to receive liquid wastes from off-site and transfer them to storage and treatment tanks or directly to tank trucks, which will ship the waste to an off-site facility for treatment. Bulk liquids can be loaded onto railcars for shipment to an off-site facility for treatment or disposal. Bulk solids can be loaded onto railcars for shipment to an off-site facility for treatment or disposal. The Railcar Loading & Unloading Unit will not be closed during this closure activity. The Railcar Loading & Unloading Unit will remain active. Additionally, bulk liquid products that are not wastes can be loaded or unloaded.

The Railcar Loading & Unloading system consists of two parallel rail sidings along the eastern property line.

The Railcar Loading & Unloading Unit has the capacity to hold six full railcars at one time. The combined total capacity is typically 160,000 gallons, which consist of 4 rail tank cars at 25,000 gallon per car or a total of 100,000 gallons, and 2 rail gondola cars at 150 cubic yards per car, or 60,000 gallons total.

The Railcar Loading & Unloading system consists of two parallel rail sidings along the eastern property line. The location and boundary of this waste management unit are shown in Appendix A(Q) -Figure IV-19 (initial).

Vapor Recovery Unit The Vapor Recovery Unit is not a DTSC Permitted Hazardous Waste Management Unit. The Vapor Recovery Unit is regulated and permitted at the facility by South Coast Air Quality Management District, SCAQMD. The Vapor Recovery Unit is included in DKE's closure cost estimates.

Although DKE does not have any process vents, following are vapor recovery systems that are in use at DKE:

1) The Inorganic Caustic Scrubber System controls the vapors from the acid storage and treatment tanks (M-1 through M-6, and M-11).

2) The Organic Caustic Scrubber System, which receives vapors from the treatment units and storage tanks requiring Level 2 controls (per Subpart CC), except for tanks M-1 through M-6 and M-11.

3) Thermal oxidizer or equivalent control device controls the vapors from the Organic Caustic Scrubber System.

Non-Hazardous Waste Tanks

The Non-Hazardous Water Tank Unit is not a DTSC Permitted Hazardous Waste Management Unit. The Non-Hazardous Water Tank Unit consists of the following equipment: Tanks T-319, T-322, and T-323.

Trucks unloaded directly to tanks T-319, T-322, and T323, or unloaded through basket strainers into tanks T-319, T-322, and T-323.

Tanks T-319 through T-323 provide the residence time necessary for the gravity separation of any oil, solids, and water prior to treatment in other on-site units, or shipment off site. The aqueous phase decanted may be treated in the Wastewater Physical Separation Unit.

Periodically, solids are removed from these tanks, typically when they are removed from service for maintenance or internal inspection.

Solids from the basket strainers, and any tank cleanout are transferred to other on-site treatment units, or shipped off-site

This unit does not store RCRA or Non-RCRA waste which includes D001 ignitable waste or D003 reactive waste.

The Non Hazardous Waste Tank Unit consists of the following tanks, all of which are vertical tanks and above ground:

Tank 319 – 72,912 gallon flat bottom steel tank
Tank 322 – 47,460 gallon cone bottom steel tank =
Tank 323 - 47,460 gallon cone bottom steel tank

Tanks T-319 through T-323 are located South of Tank Farm Area A1. The location and boundary of this waste management unit are shown in Appendix A(F) - Figure IV- 21(initial).

E. Description of Hazardous Waste Constituents

Information concerning the constituents of the Hazardous Wastes managed by the facility can be found in Appendix A and Table 10 and Table 11.

F. Estimate and Management of Maximum Inventory

F.1. Maximum Waste Inventory:

The following is the maximum quantity of waste (by waste type) that may have been contained (treated/stored) onsite at any time and the Current Quantity of waste on site. Table 8 indicates capacities and services for tanks and equipment.

Maximum Hazardous Waste Inventory

Waste Type	Maximum Quantity	Current Quantity
Bulk Acids (M-1 thru M-6)	61,928 Gallons	Empty
Solvent Wastewater (T-103 & T-104)	23,676 Gallons	Empty
Filter Cake (F-501 & F-502)	105 Cubic Feet	Empty
Other Wastewater: M-11, STT, SWST, & WPS	280,606 Gallons	Empty – M-11 Empty -STT Empty -WPS Empty – SWST
Carbon (WPU)	36,000 pounds	Empty
Treated Water (BDT) (T-320 & T-321)	126,840 Gallons	Empty
Acid Drums (CSUW)	11,880 Gallons	Empty
Non-Acid Drums (CSUW)	21,120 Gallons	Empty
Drums (CSUE)	52,800 Gallons	Empty
Bulk Solids (BSSU)	600 Cubic Yards	Empty
RLUU - Liquid	100,000 Gallons	50,000 Gallons
RLUU - Solid	60,000 Gallons	Empty
Contaminated Soil	100 Cubic Yards	100 cubic yards

Closure Waste Inventory

Tables 2 and 3 include disposal costs for waste generated during site closure.

F.2. Management of Maximum Inventory:

Wastes in inventory at the start of closure will be processed within the existing hazardous waste management units in accordance with all permit requirements. Treated water will be discharged to the POTW. Other wastes not treated on site will be shipped off-site. At the completion of the closure, no waste inventory will remain. Revenue from the sale of products produced during closure has not been used to offset closure costs and is not considered in the closure cost estimate.

Any wastes that could not be processed with the existing treatment units, and any wastes generated during closure, will be shipped off-site to permitted facilities. If the proposed facility is not one that DKE routinely ships waste to, an audit package will be obtained and a profile for the proposed waste stream will be generated. A copy of the profile approved by the proposed facility, the proposed LDR notification, and the facilities audit package will be forwarded to the DTSC with the request for concurrence.

Examples of off-site TSD facilities for these wastes, along with their distances are included in Table 5.

The hazardous nature of all wastes shipped off-site will be determined by review of the facility Operating Record. The Operating Record contains a log for each hazardous waste management unit showing all of the waste codes that have entered the unit since it was last RCRA empty and/or cleaned. This list of codes will be used in manifesting wastes from each hazardous waste management unit. In addition, the generator's waste profile, manifest, and all analytical associated with bulk and non-bulk containers received by DKE will be used to confirm these determinations.

Any wastes that are shipped off-site will be properly manifested and transported by permitted haulers.

Should the facility become abandoned and Operating records cannot be located, Table 4 provides types of analysis to determine the waste classification based on the type of waste managed within each specific hazardous waste management unit.

F.3. Land Disposal Restriction:

Land Disposal Restriction (LDR) status of wastes shipped off-site will be determined based on the list of waste codes on the manifest (which were determined as described above).

F.4. Changes in Maximum Inventory:

There are no anticipated changes in the maximum inventory.

G. Equipment and Structures Decontamination Procedures

Tables 2 and 3 provide tank, equipment, structure locations, capacities, services, and proposed number samples used to confirm decontamination of the various units for the final design.

G.1. Items Requiring Decontamination:

Containers

All containers (i.e., drums, roll-off bins, dump trailers, railcars), which contain waste that cannot be processed at DKE, will be removed from the site by an approved hauler for disposal at an authorized disposal facility. In addition, other containers will be removed from the facility as they become emptied from processing their contents.

Tanks

Tanks which contain or have contained hazardous wastes and are destined to be scrapped for recycling or reused will require decontamination at facility closure. Tanks not destined to be scrapped or reused will be emptied, cut up, and shipped off-site as hazardous waste, and disposed at an authorized disposal facility. Tanks T-319, T-320, T-321, T-322, T-323, are definite to remain on site for future non-waste related services.

The closure performance standard for decontamination of non-metal tanks, vessels and equipment destined for recycling or reuse shall be a non-detection level based on hazardous waste criteria (the method detection limits (MDL) or practical quantification limits (PQL) for each analyte). If non-detection level cannot be achieved, then clean closure may be based on established, protective, risk-based levels such that it poses no significant risk to human health or the environment.

The closure performance standard for metal tanks, vessels and equipment shall meet the scrap metal standards as defined in Title 22, section 66260.10 and section 66261.6(a)(3)(B).

For the tanks, vessels and equipment that are to be reused, a certification stating that the tanks, vessels and equipment are only to be used for non-food or non-portable water storage will be provided. Tanks, vessels, and equipment may only be reused for non-food or non-portable water storage.

Process Equipment and Structures

Hazardous waste process equipment and structures destined for scrap recycling or reuse will require decontamination. Hazardous waste equipment and structures not destined to be scrapped may not require decontamination if shipped off-site as hazardous waste, and disposed at an authorized disposal facility.

Ancillary Equipment and Piping

Hazardous waste piping, pumps, and related equipment destined for scrap recycling or reuse will require decontamination. Hazardous waste piping, pumps, and related equipment not destined to be scrapped or reused may not require decontamination if shipped off-site as hazardous waste, and disposed at an authorized disposal facility.

Secondary Containments and Concrete Pads

Secondary containment units that will require decontamination are as follows:

- Tank Farm Area A1 – Wastewaters
- Tank Farm Area A2 – F-502 filter press, also includes Wash down Area
- Tank Farm Area B – Caustics and Wastewaters
- Tank Farm Area C – Solvent and Wastewaters
- Tank Farm Area D - Caustics and Wastewaters, F-501 filter press
- Area E - Non-Acid - Container Storage Unit West
- Area E – Acid - Container Storage Unit West
- Tank Farm Area F - Acids
- Container Receiving & Inspection Unit
- Consolidation of Solids and Sludges Unit
- Bulk Solids Storage Unit - Includes roll-off-bin storage, loading and unloading areas, and driveway area
- Railcar Loading and Unloading Unit
- Batch Discharge Tank Area – Includes Batch Discharge Tanks, Non-Hazardous Waste Tanks, and Storm Water Basin

Details of each of these containment areas can be found in Table 3 and Appendix B.

The following areas have not managed hazardous materials or hazardous waste and are not required to be decontaminated:

- Existing offices
- Southern gate area - non-paved area

G.2. Decontamination Procedures:

This section describes the decontamination procedures to be used for all tanks, equipment, and containment areas containing hazardous wastes destined for scrap recycling which shall be implemented upon final closure of the facility.

All containment areas as well as any equipment being removed from service, off-site or transferred to non-hazardous service must undergo confirmation sampling which are included as part of these procedures to confirm they have been decontaminated. In general, the approach for confirmation sampling is based on sampling and analysis of rinseate and/or wipe samples from decontamination washing/steam cleaning, wipe samples of surfaces, or chip samples of concrete. The methods to be used for this confirmation sampling and the associated analysis are specified in Appendix C, "Closure Sampling Plan."

Containers

Any hazardous waste or hazardous material containers, including roll-off bins and dump trailers, will be emptied of their contents in accordance with California empty container standards (Title 22, CCR section 66261.7), prior to reuse or for recycling. Alternatively, those containers not emptied in accordance with the California empty container standards will be shipped to a permitted off-site hazardous waste facility for treatment and/or disposal.

Tanks, Process Equipments, and Structures

The following are the major steps involved in emptying and cleaning tanks and process equipment/vessels destined for scrap/reuse/recycling purposes:

1. Tanks and process equipment/vessels in each system are emptied one at a time through their normal processing system until minimum inventory is reached. The supply piping to each tank and vessel may be removed prior to processing the contents of that tank.

2. Standard Work Procedures (DKE SWP –13101), Removing Waste Material from Tanks and Vessels to Make Empty will be implemented. See appendix D.

3. A high-pressure hydroblaster, hot water pressure washer, or steam cleaner will be used to clean the interior surfaces of the tank and process equipment/vessels. Water from the hydroblasting will be sucked up by a vacuum truck and discharged to the wastewater treatment system. Rinse water will be treated in the WPU and discharged to LACSD under DKE's permit. Once the WPU has been dismantled, rinse water will be shipped off-site following characterization.

4. Testing for tanks destine for recycle/reuse will include taking wipe samples from the bottom, side, and top (if present) interior surfaces of

the tank and process equipment/vessels. If contamination is indicated by the samples, the tank and/or process equipment/vessel will be steam cleaned again to remove the remaining residuals. DKE SWP -13101 will be repeated, if analyses indicate presence of hazardous waste constituents. DKE SWP -13101 does not need to be repeated if tank or process equipment/vessels are destined for landfill.

5. Some equipment may be inaccessible for wipe sampling (i.e. pumps, filters, etc.), therefore, the rinseate from those equipments, which are being removed from service or transferred to non-hazardous service, will be tested to ensure proper decontamination.

6. After cleaning and inspection, the tank and/or vessel is released to the salvage crew for demolition. Some of the small tanks and or vessels may be shipped off-site for temporary storage pending sale.

Ancillary Equipment and Piping

When tanks and equipment are taken out of service, the pipelines connected to them must be emptied, cleaned, and removed. The following are the major steps involved in the cleaning process for ancillary equipment and pipes destined for scrap/reuse/recycling purposes:

1. Pipelines that are taken out of service must first be emptied. This is accomplished by flushing the line with water or steam.

2. In most instances, the lines will still be connected to other tanks or the process system so that they can be flushed in place without dismantling.

3. However, some of the lines will have to be drained and flushed to a vacuum truck. The vacuum truck will then discharge to the wastewater pretreatment plant (if not yet closed). Rinse water will be treated in the WPU and discharged to LACSD under DKE's permit. Once the WPU has been dismantled, rinse water will be shipped off-site.

4. Once drained and flushed, the line will be disconnected from other tanks and equipment and the inside will be hydroblasted with one end of the line connected to a vacuum truck by hose.

5. To ensure that the piping and equipment is suitable for shipment off-site to a scrap yard or a recycling firm, rinseate samples will be analyzed for hazardous waste constituents. Cleaning will be repeated until an acceptable result is obtained from the samples.

6. After cleaning and inspecting the pipes and valves, the pipeline will be released to the salvage crew for removal. The pipeline will be cut up

and sold as scrap or shipped off-site for disposal. Once cleaning of equipment is complete, it will be forwarded to a used equipment dealer for dismantling and equipment salvage.

Secondary Containments and Concrete Pads

Following removal of tanks and equipment, the secondary containments and management pads will be cleaned using the following procedures:

1. The containment or pad surfaces shall be hydroblasted with a hot water pressure washer until the surface is visually clean or additional hydroblasting does not change the appearance. High-pressure hydroblasting with hot water should be very effective for removal of most surface constituents.

2. In areas where organic staining (oils and grease) is not readily removed with just hot water, nonhazardous degreasers or surfactants may be added to the hydroblast water to help remove such constituents. Alternatively, steam cleaning may be used for this purpose. A vacuum truck will be used to collect the wash water that is generated, and then transferred to the WPU for treatment and discharge. Once the WPU has been closed, the water will be shipped off-site following characterization.

3. Once cleaning is complete, surface samples will be taken to confirm decontamination of the concrete (See Appendix C). Concrete chip samples will be used for this purpose.

   Samples shall be taken from locations of potential contamination (former staining or cracks in concrete surfaces) with one or more samples taken from each containment area. The number of samples will be based on 50 foot centers (representing 2,500 square feet of surface). However, the number of samples may be modified depending on conditions observed during the closure process. Decontamination and sampling and analysis will continue until the analysis from the concrete samples show non-detect. If the chip samples indicate contamination is still present, solvent washing and/or sand blasting of the concrete surface will be used in an attempt to remove the remaining contamination. Alternatively, or if the contamination is found to be present within the concretes' structure, removal and disposal of this concrete as hazardous waste will be performed. If the chip samples indicate contamination is not present, the secondary containment and/or concrete pad will be left in place.

Railroad Loading and Unloading Area

The railroad loading and unloading area includes the catch pans and concrete pad under these areas. All catch/spill pans are non-stationary plastic catch pans, which are moved to accommodate the movement/location of the railcars. The catch/spill pans are not fixed stations. Although the Railroad Loading and Unloading Unit will not be closed during this closure activity, the Railroad Loading and Unloading Area will be cleaned using the following procedures:

1. The non-stationary catch/spill pans will be removed. The concrete shall be hydroblasted with a hot water pressure washer until the surface is visually clean or additional hydroblasting does not change the appearance. High-pressure hydroblasting with hot water should be very effective for removal of most surface constituents. A vacuum truck will be used to collect the wash water that is generated, and then transferred to the WPU for treatment and discharge. Once the WPU has been closed, the water will be shipped off-site (following characterization).

2 In areas where organic staining (oils and grease) is not readily removed with just hot water, nonhazardous degreasers or surfactants may be added to the hydroblast water to help remove such constituents. Alternatively, steam cleaning may be used for this purpose.

3 Once cleaning is complete, surface samples will be taken to confirm decontamination of the concrete. Concrete chip samples will be used for this purpose.

Samples shall be taken from locations of potential contamination (former staining or cracks in concrete surfaces). The number of samples will be based on 50 foot centers (each sample representing 2,500 square feet of surface). However, the number of samples may be modified depending on conditions observed during the closure process. If the chip samples indicate contamination is still present solvent washing and/or sand blasting of the concrete surface will be used in an attempt to remove the remaining contamination. Alternatively, or if the contamination found to be present within the concretes structure, removal and disposal of this concrete as hazardous waste will be performed. If the chip samples indicate contamination is not present, the concrete pad will be left in place.

H. Soil Sampling Plan

The entire facility will be visually inspected for evidence of soil contamination. Where contamination is observed, sampling of the suspected area will be performed. The sampling procedures are described below.

During closure activities, soil samples will be taken beneath secondary containment areas, storage pads, the rail loading/unloading areas, and other areas of apparent soil contamination, to verify the soil integrity (see soil sampling procedures in Appendix C). If contamination is found, corrective actions will be taken. Any contaminated soil identified during the closure of the facility will be remediated to cleanup levels determined to pose an insignificant risk to public health and the environment, or be shipped off-site as hazardous waste to a permitted facility.

Table 3 provides containment area and pad sizes, service, and proposed number of samples used to confirm decontamination for the various units in the final design. The proposed location of the soil samples is located in Figure 1, Proposed Boring: Soil and Vapor Sample Points map.

Several phases of investigation have been conducted beneath the Container Receiving and Inspection Unit (CRIU). On February 7, 2005, soil samples, identified as B-12 through B-17 were taken beneath the CRIU utilizing a workplan that was approved by the Department of Toxic Substances Control (DTSC). Appendix H contains the letter from DTSC dated January 28, 2005 providing conditional approval of the Closure Sampling Plan for the CRIU. Appendix H1 contains the Closure Sampling Plan that was utilized to obtain the CRIU soil samples. The location of the soil samples is located in Figures, Figure 1, Proposed Boring, Soil and Vapor Sample Points map. To facilitate the decontamination efforts, additional data sources will be used to identify suspected areas of soil contamination. These sources include inspection logs, historical records of past activities, and in-house procedures.

H.1. Soil Vapor Survey:

Prior to collection of soil samples, a soil vapor survey shall be conducted. The proposed location of the soil vapor probes is located in Figures, Figure 1 Proposed Boring, Soil and Vapor Sample Points (DKE-102 (625) map. Thirty (30) soil vapor sampling locations are plotted. The location and spacing of the soil vapor probes is based on the distribution of soil types across the facility and the operational history of the facility Soil vapor samples will be collected from two levels of depth, 7- and 14 feet bgs, at each location. If it is suspected that contaminants maybe at a greater depth, additional soil vapor samples will be taken accordingly.

Several phases of investigation have been conducted beneath the Container Receiving and Inspection Unit (CRIU). On January 31, 2005, soil vapor samples, identified as SVS-1 through SVS-7 were taken beneath the CRIU utilizing a workplan that was approved by the Department of Toxic Substances Control (DTSC). Appendix H contains the letter from DTSC dated January 28, 2005 providing conditional approval of the Closure Sampling Plan for the CRIU.

Appendix H1 contains the Closure Sampling Plan that was utilized to obtain the CRIU soil vapor samples. The location of the soil vapor samples is located in Figures, Figure 1, Proposed Boring, Soil and Vapor Sample Points map.

A mobile laboratory will be used to analyze the vapor samples for VOCs by EPA Method 8260B. Quality control samples for the mobile lab will be collected at a 5% frequency. Therefore, every 20th sample will have a duplicate sample collected and analyzed by EPA Method 8260B. Summa canister samples will be collected at locations where mobile lab analyses show the presence of VOCs, and especially where the mid and lowest concentrations of chlorinated hydrocarbons are detected. Five percent of the samples, collected in a Summa canister, will be submitted to a fixed based State-certified laboratory for TO-14 analysis with tentatively identified compounds (TICs).

The vapor probe locations will be abandoned using a bentonite or slurry backfill according to local requirements.

The soil vapor sampling program will follow the January 13, 2003 Advisory issued or most current Advisory issued by the Los Angeles Regional Water Control Board and the Department of Toxic Substances Control.

H.2. Soil Matrix Sampling:

Soil samples will be taken to assess the potential for subsurface contamination from historic operations. Figure 1, Soil Sample Plot Plan provides a map showing the initial locations of the soil borings. These locations may be modified based upon the results of the soil vapor survey. The initial boring locations are based on the historic use of the site and the location of the various hazardous waste management units. At this time, 53 soil sampling locations are plotted. For each boring location, separate soil samples will be taken at the soil surface, at a 3 foot depth, at a 5 foot depth, at a 10 foot depth, and every additional five feet to a total depth of 20 feet to allow partial delineation of contamination which may be present. Additional samples will be collected at any major lithologic breaks. A two-inch concrete core shall be drilled at these locations to provide access to the underlying soil surface.

Only samples from the top 10 feet will be initially analyzed. However, if the 15 or the 20 foot samples, or samples collected at major lithologic breaks are fine grained, have obvious staining, odors, or elevated PID readings, those soil samples will also be analyzed by the laboratory regardless of the results from the top 10 feet. The site geologist will examine the samples and select a portion to be sent to the lab for analysis, based upon lithology, color, odor, etc.

The remaining samples shall be held by the lab at 4°C until the results of the initial samples are obtained. If the results of the 10 foot sample yield values

above the laboratory method detection limit (or background as appropriate), then the deeper samples will be analyzed.

If the 20-foot sample yields results above the detection limit or background, upon consultation with DTSC, DKE will submit a sampling plan for further site characterization. The sampling plan will propose a screening approach for soil concentrations which address both migration to groundwater and protection of human health from impacted groundwater. The results of the additional sampling will be published in the Closure Certification Report for the facility.

Holding times shall not be exceeded pending determination of analyses. Extraction of samples may be required. Appendix B, Secondary Containment and Table 4 provides soil sample analysis to be performed for each area.

Several phases of investigation have been conducted beneath the Container Receiving and Inspection Unit (CRIU). On February 7, 2005, soil samples, identified as B-9 and B-11 through B-18 were taken beneath the CRIU utilizing a work plan that was approved by the Department of Toxic Substances Control (DTSC). Appendix H contains the letter from DTSC dated January 28, 2005 providing conditional approval of the Closure Sampling Plan for the CRIU. Appendix H1 contains the Closure Sampling Plan that was utilized to obtain the CRIU soil samples. The location of the soil samples is located in Figures, Figure 1, Proposed Boring, Soil and Vapor Sample Points map.

There will be six background samples taken from near off-site from locations as depicted on Figure 3, DKE-15_Proposed Background Sample Points. This figure provides a map showing the initial locations of the soil borings. The need for such background samples may be eliminated depending of the background results obtained during the facility's Corrective Action Program.

I. Analytical Test Methods

All analytical work conducted under this closure plan will be conducted by an ELAP certified laboratory except for field pH and PID measurements.

I.1. Hazardous Constituents of Concern:

The hazardous constituents of concern can be found in Table 10 and Table 11.

I.2. EPA Approved Test Methods:

Table 4 indicates the EPA approved sample preparation and analytical test methods to be used to analyze closure confirmation samples.

I.3. Other Analytical Test Methods:

All analytical methods being proposed for use during closure are approved EPA methods. All analytical work conducted under this closure plan will be conducted by an ELAP certified laboratory except for field pH and PID measurements.

I.4. Rationale for Choosing Sampling:

The requirements for sampling are based on the operations conducted at the facility.

I.5. Justification for Testing:

Based on the operations conducted at the facility, confirmation soil samples shall be analyzed for those constituents common with the waste managed within the various hazardous waste management units. Table 4 lists analytical tests to be performed. If hazardous waste had migrated through the secondary containment (cracks, defects), one or more of these analytical parameters would detect contamination.

Surface samples (wipe and chip samples) taken from tanks and other equipment as well as secondary containment and uncontained pads shall be analyzed for those constituents common with the waste managed within the various hazardous waste management units. Surface samples are not appropriate for VOCs (per DTSC guidance), which will be addressed by scanning these surfaces using an organic vapor analyzer, following surface cleaning. Cyanide analyses are not needed for surface samples since the facility does not accept D003 (CN above 250 PPM). However, cyanides analysis in soil will be performed in those hazardous waste management units as indicated on Table 4. Analysis for pH in concrete chip samples are not being done since its fundamental alkaline nature would overwhelm any adsorbed contaminates. Wipe sample pH analysis are also not being conducted since the sample is not aqueous.

Rinseate samples shall be analyzed for those constituents common with the waste managed within the various hazardous waste management units.

A mobile laboratory will be used to analyze the soil vapor samples for VOCs by EPA Method 8260B. Five percent of the samples will be submitted to a State-certified laboratory for TO-14 analysis with tentatively identified compounds (TICs).

VOC screening of tanks and equipment shall utilize a PID meeting EPA Method 21.

J. Groundwater Sampling and Monitoring Plan

The Owner and Operator of the DKE facility are not aware of any groundwater contamination at this time. If a release is identified it will be evaluated to determine if groundwater was impacted by the release. If groundwater is determined to be impacted from the release, a Groundwater Investigation Work Plan will be submitted to DTSC for review and approval.

K. Closure Performance Standard

The DKE facility is anticipated to be closed as a clean site. It will be closed using procedures which will eliminate the need for post-closure maintenance.

At closure, all hazardous waste on-site that can be will be processed through the hazardous waste treatment units and the residual waste will be removed from the equipment and from the site. On the day that closure starts, all receipts of waste material will cease. Any waste in the Container Receiving and Inspection Unit and the Container Storage Unit West may be rejected back to the generator or to an alternative facility designated by the generator. The facility will continue to operate in a phase-down mode while processing the remaining waste inventory. During the closure period, while processing the remaining waste, all permit conditions will be followed, as during normal operations.

Tanks, vessels, and equipment will be removed from service. Tanks sold as scrap will be decontaminated and tested as each tank becomes empty. Tanks, vessels and equipment not destined to be sold as scrap, will be emptied, cut up, and sent out for landfill disposal. Details of the tank, vessels and equipment, cleaning procedures are presented in paragraph G. When closure is complete, the site will be free of all hazardous materials and hazardous waste residues. All on-site and off-site management of hazardous waste, containers, and processing equipment will be performed using procedures which meet all applicable regulations.

K.1. Tanks, Equipment, and Structures:

To achieve closure performance standards for tanks, vessels, and equipment all liquid waste and sludge waste will be removed prior to decontamination procedures. The empty tanks, vessels, and equipment shall then be decontaminated by hydroblasting / power washing, solvent or detergent washing if necessary to remove non-water soluble contaminants, and triple rinsing. Sandblasting may be used in lieu of or in addition with other decontamination methods.

The closure performance standard for decontamination of non-metal tanks, vessels and equipment destined for recycling or reuse shall be a non-detection level based on hazardous waste criteria (the method detection limits (MDL) or practical quantification limits (PQL) for each analyte). If non-detection level

cannot be achieved, then clean closure may be based on established, protective, risk-based levels such that it poses no significant risk to human health or the environment.

The closure performance standard for metal tanks, vessels and equipment shall meet the scrap metal standards as defined in Title 22, section 66260.10 and section 66261.6(a)(3)(B).

For the tanks, vessels and equipment that are to be reused, a certification stating that the tanks, vessels and equipment are only to be used for non-food or non-portable water storage will be provided. Tanks, vessels, and equipment may only be reused for non-food or non-portable water storage.

The final use and destination for all tanks, vessels and equipment will be stated in the closure certification report.

Containment and pad surfaces shall be a non-detection level based on hazardous waste criteria (the method detection limits (MDL) or practical quantification limits (PQL) for each analyte). If non-detection level cannot be achieved, then clean closure may be based on established, protective, risk-based levels such that it poses no significant risk to human health or the environment, including the threat to groundwater.

K.2. Soil

The closure performance standard for metals in soil will be based on background soil concentrations provided by near off-site soil samples. Samples must not exceed the statistically calculated (per SW-846) background concentrations, to meet the standard.

For other analytes, a non-detection level based on the method detection limits (MDL) or practical quantitation limits (PQL) shall be used.

If the above standards cannot be met, DKE proposes to close the site to health-based standards such that it poses no significant risk to human health or the environment, including the threat to groundwater. A Health Risk Assessment (HRA) will be prepared upon DTSC's request and submitted for DTSC's approval. The HRA will include a discussion of contaminant migration to groundwater, if applicable.

The potential removal of contaminated soils to limit the remaining concentrations of constituents for either a background/MDL or health-based closure standard is discussed in Section L.

K.3. Partial Closure

The majority of the tanks and equipment onsite will be closed. Only the Railcar Loading and Unloading Unit will remain active/open.

Table 9 lists those tanks and sumps that will be closed during the transitional phase. All tanks, process equipment, and pipes must follow the decontamination procedures as discussed in section G.

Concrete containments or pads being demolished and replaced shall meet the same performance standards as final closure.

K.4. Decontamination Procedures:

All containment areas, including sumps, as well as any equipment being removed off-site for reuse or transferred to non-hazardous service must undergo surface sampling which are included as part of these procedures to confirm they have been decontaminated. The methods to be used for this confirmation sampling and the associated analysis are specified in Appendix C, "Closure Sampling Plan."

Sumps

All outside sumps 1, 3, 4, 5,10, and 11 are being closed and either removed or filled as appropriate. Sumps 6, 7, and 8 located within the warehouse will be closed but will not be removed. Each sump will be closed using the following procedures. Sumps 2 and 9 are currently filled with concrete.

1. Each sump will be steam cleaned. A vacuum truck will be used to remove the wash water. Wash water will be treated in the WPU then discharged to LACSD under DKE's permit. However, if the WPU has been dismantled prior to closure of the sump, the water will be shipped off-site (following characterization).

2. To ensure that the sumps are suitable for removal and disposal, surface sampling will be conducted. Concrete chip samples will be taken from the floor of each sump (See Appendix C).

3. A concrete core will be removed from the bottom of each sump at the same location as the chip samples. This will allow soil vapor testing and soil samples to be taken below the sump to confirm contamination has not passed through the concrete surface. Soil samples will be taken below the sump. For each sump boring location, separate soil samples will be taken at the soil surface, at a 3 foot depth, at a 5 foot depth, at a 10 foot depth, and every additional five feet to a total depth of 20 feet.

If the sumps have inlet and outlet piping, soil samples will be collected beneath the inlet and outlet piping connection to the sumps.

Since Sump 2 and 9 are filled with concrete, the boring location will be located adjacent to those Sumps.

Note that Sump 10 has a primary fiberglass tank with an outer concrete shell. The fiberglass tank portion will be closed in accordance with the procedures for tanks then removed prior to closure of the concrete shell.

L. Removal/Cleanup Procedures

Any soil contamination discovered during closure will be cleaned to background limits, MDL, or risk based levels that are determined to pose an insignificant risk to public health and the environment, including groundwater. For purposes of the closure cost estimate, 100 tons (~100 cu. yds.) is assumed to be disposed at an off-site facility.

L.1. Procedures for Soil Excavation:

Based on the information currently, it is not known whether soil excavation will be required. The actual excavation methods and procedures will be determined after the need for excavation, the estimated quantity, and locations have been determined. Should soil excavation be required, dust will be controlled with a water spray.

L.2. Off-site Disposal of Soil:

Any soils excavated as part of the partial or final closure shall be characterized to determine if hazardous waste criteria are met, and disposed of at an appropriate off-site facility.

L.3. On-site Cleanup of Soil:

On-site cleanup of soil is not anticipated at this time.

M. Closure Cost Estimate

This Closure Cost Estimate is based on the actual current site activities.

M.1. Itemized Activities

This Closure Cost Estimate was developed using a MS Excel spreadsheet, which itemizes each activity and the assumptions used. The Closure Cost Estimate Summary spreadsheets can be found in Tables 1 through 8.

M.2. Contingency Factor

This estimate uses a 20% contingency factor.

M.3. Update of Closure Cost Estimate

This cost estimate will be updated annually in keeping with inflation, on or before the date of this plan, using the CPI Deflator published by the US Department of Labor.

This cost estimate will be updated when any changes to the facility, its maximum inventory, or assumptions used herein, cause an increase in the cost estimate.

M.4. Closure Cost Estimate

The total estimated closure cost is referenced in Table 1.

N. Financial Responsibility

All information concerning financial responsibility for closure is included in Appendix E, Financial Responsibility.

O. Closure Implementation Schedule

O.1. Expected Year of Final Closure:

D/K Environmental has not established a final closure date. However, for purposes of this plan it will be assumed to be in December 2007.

O.2. Schedule

Removal, treatment, or disposal of all hazardous waste inventories must be complete within 90 days of the start of final closure. This plan accomplishes removal of all hazardous waste inventories in about 60 days.

Decontamination of all tanks, treatment units, related equipment, and structures must be completed within 180 days of the start of closure. This plan accomplishes this in about 90 days. The date (days after the start of closure) that each hazardous waste management unit has been decontaminated and dismantled is shown in the Table 7, Closure Schedule.

After decontamination and dismantling of the waste treatment units and their related equipment, the soil sampling and cleanup is expected to take an additional 90 days. Closure will then be complete about 180 days after closure began.

O.3. Procedures to Request Extension

Should the unforeseen occur which interferes with completion of closure in 180 days, The DTSC will be provided written notice at least 30 days prior to 180 days after the start of closure.

O.4. Closure Plan Amendments

As indicated in the applicable regulation, DKE may amend the closure plan at any time prior to notification of partial or final closure of the facility. With an approved closure plan, DKE shall submit a written request to the DTSC to authorize a change to the approved closure plan. The written request shall include a copy of the amended closure plan for approval by the DTSC. The amended plan will not be implemented until DTSC approval has been received.

O.5. DTSC Notification Before Closure:

DTSC and U.S. EPA will be notified in writing 45 days prior to the date of which the closure is to begin.

P. Closure Certification Report Requirements

The following will be maintained at the facility and made available to the DTSC upon request:

1. Approved Closure Plan;
2. A copy of the independent qualified professional engineer's field observation report;

3. Laboratory results of samples analyzed;
4. Quality assurance/quality control demonstrations;
5. Manifests showing disposition of waste inventory;
6. Miscellaneous documentation (e. g., photographs);
7. Closure Certification Report.

A Closure Certification Report will be submitted within 60 days of completion of closure implementation and it will contain, at a minimum, the following:

1. Certification by the owner, the operator, and an independent registered professional engineer;
2. Supervisory personnel description;
3. Summary of Closure Activities;
4. Field Engineer Observation Reports;
5. Sampling Data and Analyses (i.e., sampling locations, soil boring logs, chain of custody, analytical results, etc.);
6. Discussion of Analytical Results;
7. Manifests showing disposition of waste inventory;
8. Modifications and Amendments to the Closure Plan;
9. Photographs.

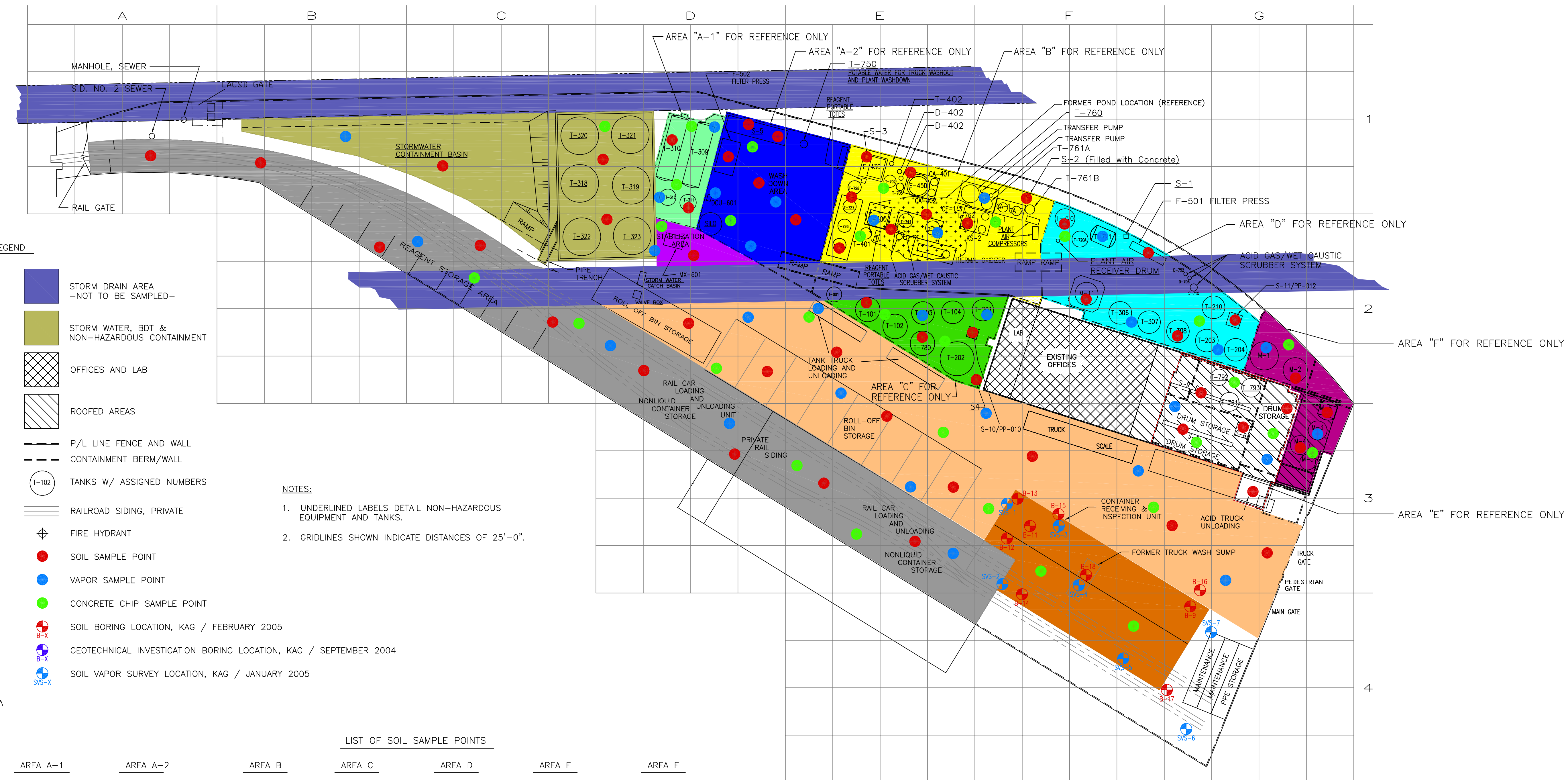
Q. Health and Safety Plan

Appendix F – Closure Health and Safety Plan contains site specific health and safety plans for the activities which occur during closure but not normal operation, primarily soil boring, soil sampling, and potentially, groundwater sampling.

R. Site Security

The DKE site is completely fenced and the gates are kept locked when not attended. The fence has signs with the legend “Danger Hazardous Waste Area” in both English and Spanish visible at the approach to each entrance to the facility.

Figures



LEGEND

AREA "A-1"	STORM DRAIN AREA —NOT TO BE SAMPLED—
AREA "A-2"	STORM WATER, BDT & NON-HAZARDOUS CONTAINMENT
AREA "B"	OFFICES AND LAB
AREA "C"	ROOFED AREAS
AREA "D"	P/L LINE FENCE AND WALL
	CONTAINMENT BERM/WALL
	TANKS W/ ASSIGNED NUMBERS (T-102)
AREA "E"	RAILROAD SIDING, PRIVATE
AREA "F"	FIRE HYDRANT
	SOIL SAMPLE POINT
BSSU LOADING AREA	VAPOR SAMPLE POINT
	CONCRETE CHIP SAMPLE POINT
RAIL AREA	SOIL BORING LOCATION, KAG / FEBRUARY 2005 (B-X)
	GEOTECHNICAL INVESTIGATION BORING LOCATION, KAG / SEPTEMBER 2004 (B-X)
RECEIVING & INSPECTION AREA	SOIL VAPOR SURVEY LOCATION, KAG / JANUARY 2005 (SVS-X)
CSSU STABILIZER AREA	

NOTES:

1. UNDERLINED LABELS DETAIL NON-HAZARDOUS EQUIPMENT AND TANKS.
2. GRIDLINES SHOWN INDICATE DISTANCES OF 25'-0".

LIST OF SOIL SAMPLE POINTS

AREA A-1	AREA A-2	AREA B	AREA C	AREA D	AREA E	AREA F
T-310	SUMP 5	E-450	PP-010	F-501	ACID DRUMS (1)	M-2
T-311	WASHDOWN AREA (2)	S-2	S-4	M-11	ACID TRUCK UNLOADING AREA (1)	M-4
	F502	S-3	T-101	S-11(PP-012)	S-6	M-6
		T-725	T-780	T-308	S-7	
		T-728		T-720	S-8	
		T-741 (EAST)				
		T-742				
		T-762				

CRIU	CSSU	BSSU/DRIVEWAY	RLUU	BDT/SW BASIN
7	1	8	9	3

NUMBER	SHT.	REFERENCE DRAWING

Gekko Engineering
1210 East 223rd St., Suite 301
Carson, CA 90745-4215
Phone: (310) 513-0000

GEKKO ENGINEERING PROJECT NUMBER: 06-207

REVISIONS

REV.	DATE		BY	CHK.	APP.
G	2/28/07	ADDED SURVEY, BORING POINTS	MCM		
F	10/31/06	ADDED COLOR-CODED AREA DESIGNATIONS	MCM		
E	10/13/06	ADDED VAPOR POINTS	MCM		
D	3/30/06	ADDED BORING POINTS	HE		
C	2/8/05	ADDED GRIDLINES	MCM		
B	8/16/05	UPDATED PER 8/11/05 REDLINE	CT		
A	8/09/05	ISSUED FOR APPROVAL	CT		

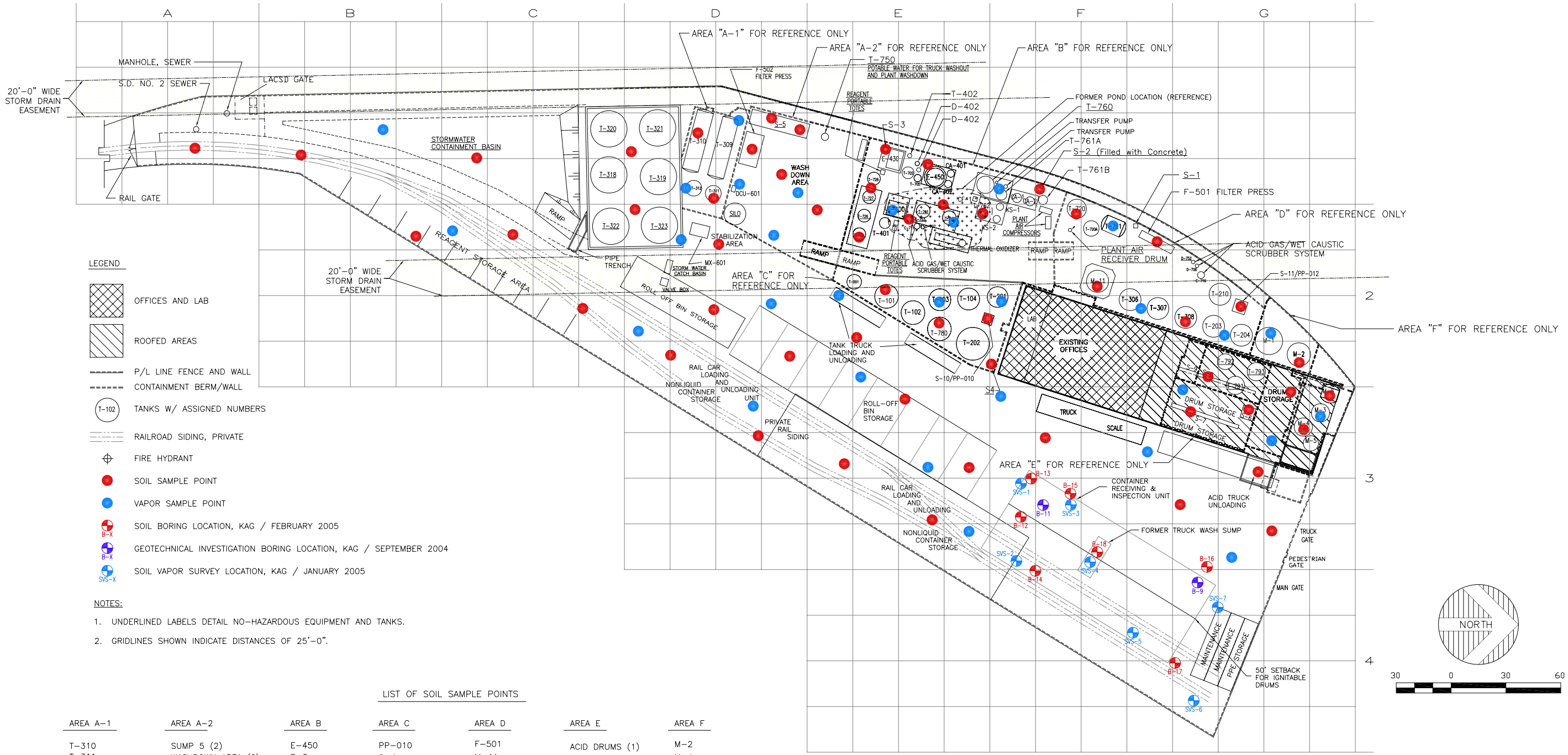
DRAWN DV
DATE 11/26/02
DESIGNED
CHECKED
APPROVED
APPROVED
SCALE 1"=30'-0"
PLOT SCALE 1=360

DK ENVIRONMENTAL

PROPOSED BORING SOIL & VAPOR SAMPLE POINTS WITH AREA DESIGNATIONS

3650 E. 26th STREET — VERNON, CA

DRAWING DKE-102 (625)-A — REV. G



LEGEND

- OFFICES AND LAB
- ROOFED AREAS
- P/L LINE FENCE AND WALL
- CONTAINMENT BERM/WALL
- (T-102) TANKS W/ ASSIGNED NUMBERS
- RAILROAD SIDING, PRIVATE
- FIRE HYDRANT
- SOIL SAMPLE POINT
- VAPOR SAMPLE POINT
- B-X SOIL BORING LOCATION, KAG / FEBRUARY 2005
- B-X GEOTECHNICAL INVESTIGATION BORING LOCATION, KAG / SEPTEMBER 2004
- SVS-X SOIL VAPOR SURVEY LOCATION, KAG / JANUARY 2005

NOTES:

1. UNDERLINED LABELS DETAIL NO-HAZARDOUS EQUIPMENT AND TANKS.
2. GRIDLINES SHOWN INDICATE DISTANCES OF 25'-0".

LIST OF SOIL SAMPLE POINTS

AREA A-1	AREA A-2	AREA B	AREA C	AREA D	AREA E	AREA F
T-310	SUMP 5 (2)	E-450	PP-010	F-501	ACID DRUMS (1)	M-2
T-311	WASHDOWN AREA (2)	S-2	S-4	M-11	ACID TRUCK UNLOADING AREA (1)	M-4
	F502	S-3	T-101	S-11(PP-012)	S-6	M-6
		T-725	T-780	T-308	S-7	
		T-728		T-720	S-8	
		T-741				
		T-742				
		T-762				
		CRIU	CSSU	BSSU/DRIVEWAY	RLUU	BDT/SW BASIN
		7	1	8	9	3

NUMBER	SHT.	REFERENCE DRAWING

Gekko Engineering
1210 East 223rd St., Suite 301
Carson, CA 90745-4215
Phone: (310) 513-0000

GEKKO ENGINEERING PROJECT NUMBER: 06-207

REV.	DATE		BY	CHK.	APP.
F	2/28/07	ADDED SURVEY, BORING POINTS	MCM		
E	10/13/06	ADDED VAPOR POINTS	MCM		
D	3/30/06	ADDED BORING POINTS	HE		
C	2/8/05	ADDED GRIDLINES	MCM		
B	8/16/05	UPDATED PER 8/11/05 REDLINE	CT		
A	8/09/05	ISSUED FOR APPROVAL	CT		

REVISIONS

DRAWN	DV
DATE	11/26/02
DESIGNED	
CHECKED	
APPROVED	
APPROVED	
SCALE	1"=30'-0"

DK ENVIRONMENTAL

PROPOSED BORING
SOIL & VAPOR SAMPLE POINTS

3650 E. 26th STREET VERNON, CA

PLOT SCALE	DRAWING	REV.
1=360	DKE-102 (625)	F

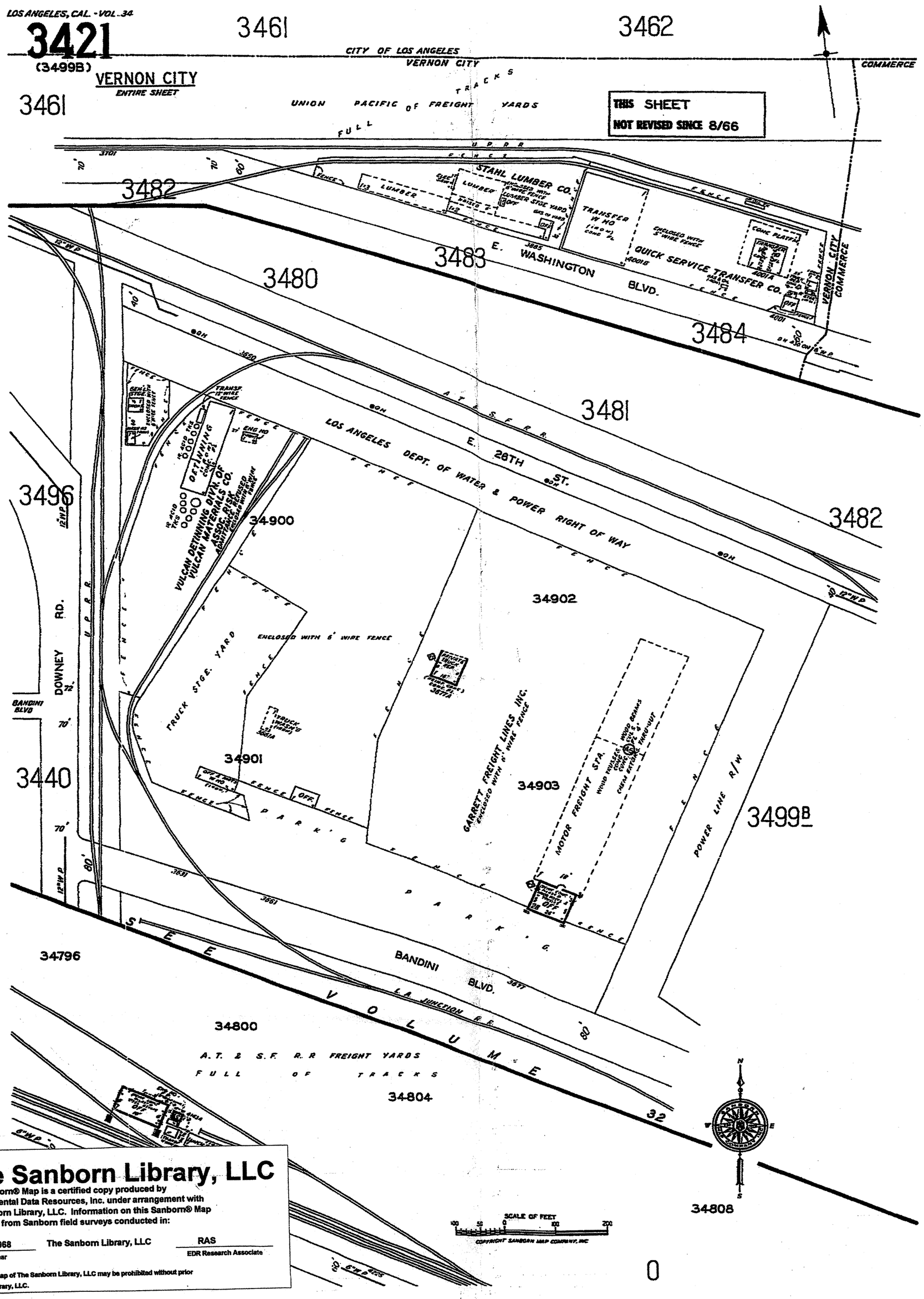
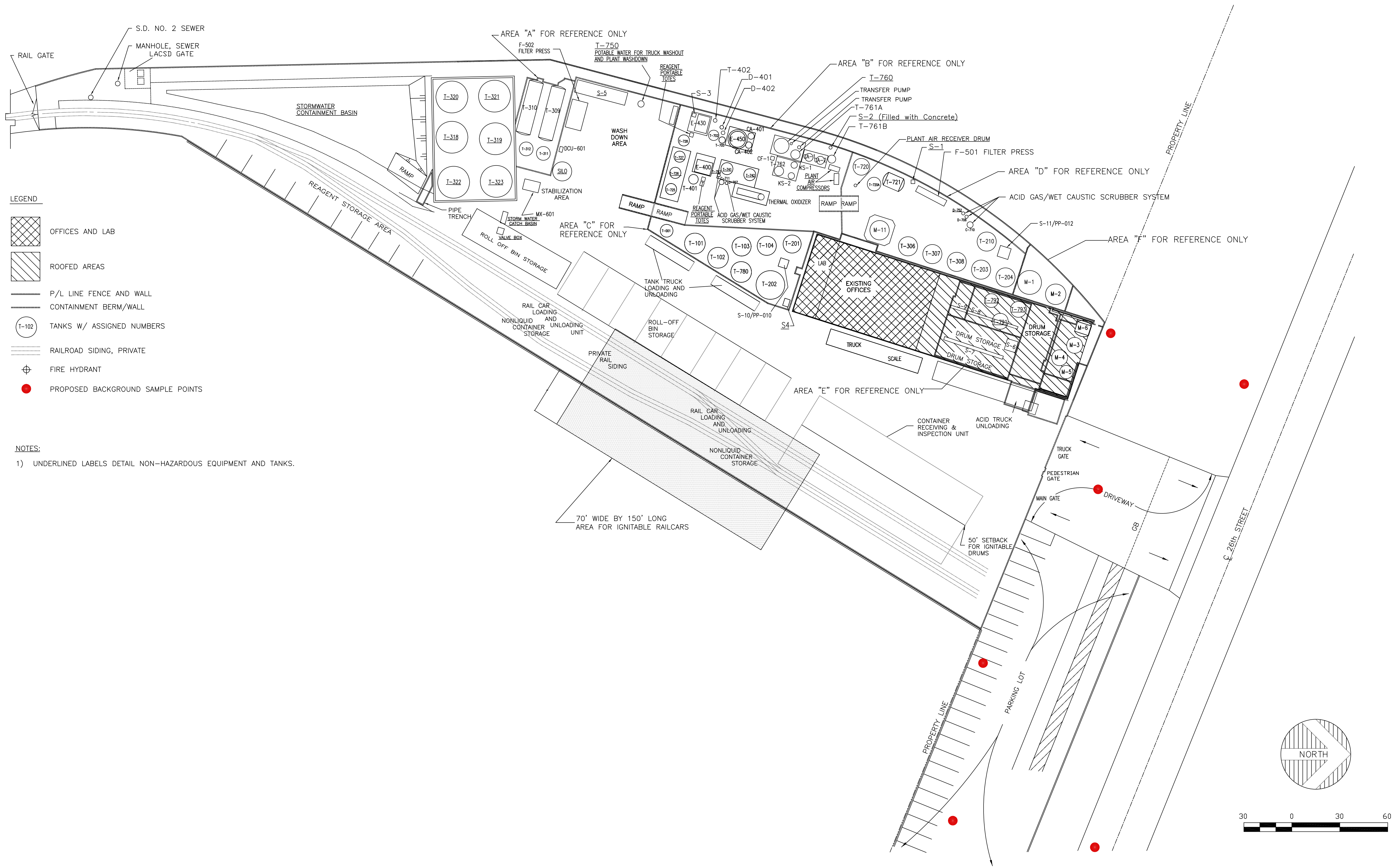


Figure 3 – Sanborn Library Map showing the Vulcan Materials Detinning facility.



LEGEND

- OFFICES AND LAB
- ROOFED AREAS
- P/L LINE FENCE AND WALL
- CONTAINMENT BERM/WALL
- (T-102) TANKS W/ ASSIGNED NUMBERS
- RAILROAD SIDING, PRIVATE
- FIRE HYDRANT
- PROPOSED BACKGROUND SAMPLE POINTS

NOTES:

1) UNDERLINED LABELS DETAIL NON-HAZARDOUS EQUIPMENT AND TANKS.

NUMBER	SHT.	REFERENCE DRAWING

Gekko Engineering
1210 East 223rd St., Suite 301
Carson, CA 90745-4215
Phone: (310) 513-0000

GEKKO ENGINEERING PROJECT NUMBER: 06-207

REV.	DATE	REVISIONS	BY	CHK.	APP.
D	2/26/07	UPDATE PER RED LINE	MCM		
C	11/1/06	ADDED PARKING AREA	MCM		
B	4/24/04	UPDATE PER RED LINE -KS, LACSD & Ped. Gates -RD			
A	01/21/2003	UPDATED TANK/LABELS			

DRAWN DV
DATE 11/26/02
DESIGNED
CHECKED
APPROVED
APPROVED
SCALE 1"=30'-0"

DK ENVIRONMENTAL

PROPOSED BACKGROUND SAMPLE POINTS

3650 E. 26th STREET VERNON, CA

PLOT SCALE 1=360
DRAWING DKE-15
REV. D

Figure 5: City of Vernon Well Locations in Proximity to D/K Environmental

1: 4355 S. Downey Road, Vernon, CA 90058-2506, Wells 12 & 17

2: 4305 S. Santa Fe Avenue, Vernon, CA 90058-1714, Wells 11 & 16

3: 3392 E. 50th Street, Vernon, CA 90058-3004, Well 15

4: 2800 S. Soto Street, Los Angeles, CA 90023-4225, Well 14

5: 2070 E. 51st Street, Vernon, CA 90058-2819, Well 18

6: 4755 District Boulevard, Vernon, CA 90058, Well 20

7: 3336 E. 50th Street, Vernon, CA 90058-3004, Well 19

8: 3650 E. 26th Street, Vernon, CA 90023-4504, DKE Facility

City of Vernon
4305 Santa Fe Ave.
Vernon, CA 90058-0805
Scott Tel. (323) 583-8811x279
Fax. (323) 826-1435
srigg@ci.vernon.ca.us

OWNER'S WELL NO.	COUNTY WELL NO.	D.W.R. NO.	DATE	N. M.	Q. M.	R. P.	DEPTH TO WATER (FT)	ELEVATION (FT) R.P.	ELEVATION (FT) G.S.	W.S. ELEV. (FT)
#7	2769H	2S13W10P06	NA		5	B	O/S	203.7	201.3	NA
#11	2769L	2S13W10P05	4/18/2007		5	A	228'	203.4	200.6	197.22
#12	2799N	2S13W11R04	4/18/2007		5	B	223'	190.5	187.8	183.29
#14	2788J	2S13W11E04	4/12/2007		5	A	230'	210.0	206.0	203.75
#15	1490K	2S13W14H04	5/3/2007		5	A	202'	182.9	182.0	177.76
#16	2779AD	2S13W10R07	NA		5	A	NA	205.0	205.0	197.22
#17	2799S	2S13W11R06	3/12/2007		5	A	202'	190.0	190.0	183.29
#18	1460X	2S13W15N09	NA		5	A	NA	191.0	191.0	184.57
#19	1490L	2S13W14H05	5/3/2007		5	A	213'	182.0	182.0	180.45
#20			1/16/2007		5	A	177'	NA	NA	159.47

Tables

Hazardous Waste Management Units						
M-1				$8,361.23		
M-11				$3,658.77		
M-2				$3,703.23		
ABRS				$14,496.38		
SWST				$6,304.57		
STT				$61,037.35		
WPU				$25,450.35		
WPS				$51,069.28		
F501				$11,668.83		
F502				$11,668.83		
CRIU				$0.00		
CSUW				$0.00		
CSSU				$6,597.58		
BSSU				$0.00		
RLUU				$0.00		
Secondary Containment Decontamination						
Area A1				$6,149.90		
Area A2				$15,657.00		
Area B & C				$32,664.10		
Area D				$17,311.40		
Area E Non-Acid				$3,564.70		
Area E Acid				$6,410.90		
Area F				$17,311.40		
CRIU				$21,437.00		
CSSU				$3,310.00		
BSSU				$79,064.00		
BDT & NH				$40,851.00		
Miscellaneous				$7,520.00		
Soil Investigation						
Area A1				$7,160.00		
Area A2				$15,780.00		
Area B & C				$37,820.00		
Area D				$13,560.00		
Area E Non-Acid				$9,760.00		
Area E Acid				$3,180.00		
Area F				$13,560.00		
CRIU				$23,920.00		
CSSU				$3,260.00		
BSSU				$22,040.00		
RLUU				$27,080.00		
BDT & NH				$6,460.00		
Drilling Vapor/Soil Investigation				$53,877.00		
Subtotal				$692,724.78		
Engineering Oversight/Cert.				$69,272.48		
20% Contingency				$152,399.45		
Total Closure Coste Estimate				**$914,396.71**		

Table 1
Closure Cost Estimate Summary

Maximum Waste Inventory at Closure

Waste Category	**M-1 Treatment Unit**				**M-11 Treatment Unit**			
Unit	**M-1**				**M-11**			
Waste Inventory	Gallons	15,175			Gallons	17,756		
TS-1 Tanks	11,381		Empty/Pound	2,535	13,317		Empty/Pound	3,032
TS-1 Piping	114		Empty/Pound	100	133		Empty/Pound	100
Sludge	3,794				4,439			
Surface area	791				942			
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$595.00	1	$595.00	Number	$595.00	1	$595.00
Labor Technician	Hour	$90.00	1	$90.00	Hour	$90.00	1	$100.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids Disposal Cost (Tanks & Pipi	Gallons	$1.05	11,495	$12,069.82	Gallons	$1.05	13,450	$14,122.68
Labor/Loading	Hour/load	$90.00	5	$450.00	Hour/load	$90.00	7.5	$675.00
Transportation Liquids	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume (Tanks & Piping)	Gallons		11,495		Gallons		13,450	
Transportation	8hr/load	$560.00	3	$1,680.00	8hr/load	$560.00	3	$1,506.42
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$585.00	1	$585.00	Number	$585.00	1	$585.00
Labor Technician	Hour	$90.00	1	$100.00	Hour	$90.00	1	$100.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	8	$360.00	Hour	$45.00	8	$360.00
Labor Supervisor	Hour	$70.00	4	$280.00	Hour	$70.00	4	$280.00
Labor Project Manager	Hour	$90.00	4	$360.00	Hour	$90.00	4	$360.00
Solids/Sludges Disposal Cost	Ton	$90.00	19	$1,708.55	Ton	$90.00	22	$1,999.15
Transportation Solids/Sludge	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Tons		19		Tons		22	
Transportation	Bin	$750.00	2	$1,581.99	Bin	$750.00	2	$1,851.06
Decontamination	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	8	$360.00	Hour	$45.00	8	$360.00
Labor Supervisor	Hour	$70.00	4	$280.00	Hour	$70.00	4	$280.00
PPE & Supplies	Unit	$25.00	9	$225.00	Unit	$25.00	9	$225.00

Waste Category	**M-1 Treatment Unit**				**M-11 Treatment Unit**			
Unit	**M-1**				**M-11**			
Rinseate Disposal	Gallons	$0.55	1,582	$870.10	Gallon	$0.55	1,884	$1,036.20
Transportation	8hr/load	$560.00	0	$177.18	8hr/load	$560.00	0	$211.01
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Wipe	Number	$425.00	3	$1,275.00	Number	$425.00	3	$1,275.00
Demolition	**Units**	**$/Unit**	**Volume**	**$**	**Units**	**$/Unit**	**Volume**	**$**
Removal of tanks	Pounds		2,635		Pounds		3,132	
Removal of Equipment & PPE	Pounds		1,000		Pounds		1,000	
Labor Technician	Hour	$45.00	32	$1,440.00	Hour	$45.00	32	$1,440.00
Labor Supervisor	Hour	$70.00	16	$1,120.00	Hour	$70.00	16	$1,120.00
Labor Project Manager	Hour	$90.00	8	$720.00	Hour	$90.00	8	$720.00
Disposal	Ton	$100.00	2	$181.75	Ton	$100.00	2	$206.60
Transportation	Bin	$750.00	0	$151.46	Bin	$750.00	0	$172.17
Total				**$8,361.23**				**$3,658.77**

Maximum Waste Inventory at Closure

Waste Category	**M-2 Treatment Unit**				**ABRS**			
Unit	**M-2**				**M3, M4, M5, & M-6**			
Waste Inventory	Gallons	20,000			Gallons	26,753		
TS-1 Tanks	18,000		Empty/Pound	3,517	22,740		Empty/Pound	13,615
TS-1 Piping	150		Empty/Pound	100	201		Empty/Pound	400
Sludge	2,000				4,013			
Surface Area	1,093				2,061			
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$595.00	1	$595.00	Number	$495.00	4	$1,980.00
Labor Technician	Hour	$90.00	1	$90.00	Hours	$90.00	2	$180.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids Disposal Cost	Gallons	$1.05	18,150	$19,057.50	Gallons	$1.50	22,941	$34,411.05
Labor/Loading	Hour/load	$150.00	10	$1,500.00	Hour/load	$150.00	17.5	$2,625.00
Transportation Liquids	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Gallons		18,150		Gallons		22,941	
Transportation	8hr/load	$560.00	3	$1,680.00	Gal/load	$735.00	6	$4,410.00
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$585.00	1	$585.00	Number	$485.00	4	$1,940.00
Labor Technician	Hour	$90.00	1	$100.00	Hours	$90.00	4	$360.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	8	$360.00	Hour	$45.00	64	$2,880.00
Labor Supervisor	Hour	$70.00	4	$280.00	Hour	$70.00	32	$2,240.00
Labor Project Manager	Hour	$90.00	4	$360.00	Hour	$90.00	32	$2,880.00
Solids/Sludges Disposal Cost	Ton	$90.00	10	$900.72	55gal/dm	$225.00	73	$16,416.61
Empty Drum Supply	Drum	$25.00	0	$0.00	Drum	$25.00	73	$1,824.07
Transportation Solids/Sludge	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Tons		10		Drum		73	
Transportation	Bin	$750.00	1	$834.00	per Drum	$25.00	73	$1,825.00
Decontamination	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	8	$360.00	Hour	$45.00	64	$2,880.00
Labor Supervisor	Hour	$70.00	4	$280.00	Hour	$70.00	32	$2,240.00

Waste Category	**M-2 Treatment Unit**				**ABRS**			
Unit	**M-2**				**M3, M4, M5, & M-6**			
PPE & Supplies	Unit	$50.00	9	$450.00	Unit	$50.00	36	$1,800.00
Rinseate Disposal	Gallons	$0.55	2,186	$1,202.30	Gallons	$0.55	4,122	$2,267.10
Transportation	8hr/load	$560.00	0	$244.83	8hr/load	$560.00	1	$461.66
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Wipe	Number	$425.00	3	$1,275.00	Number	$425.00	12	$5,100.00
Demolition	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Removal of tanks	Pounds		3,617		Pounds		14,015	
Removal of Equipment & PPE	Pounds		1,000		Pounds		1,000	
Labor Technician	Hour	$45.00	32	$1,440.00	Hour	$45.00	128	$5,760.00
Labor Supervisor	Hour	$70.00	16	$1,120.00	Hour	$70.00	64	$4,480.00
Labor Project Manager	Hour	$90.00	8	$720.00	Hour	$90.00	32	$2,880.00
Disposal	Ton	$100.00	2	$230.85	Ton	$100.00	8	$750.75
Transportation	Bin	$750.00	0	$192.38	Bin	$750.00	1	$625.63
Total				**$3,703.23**				**$14,496.38**

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Waste Category		**Non-Haz Unit**				**SWST Unit**			
Unit		**T-319, T-322, & T-323**				**T-103 & T-104**			
Waste Inventory		Gallons	167,832			Gallons	23,676		
TS-1 Tanks		151,049		Empty/Pound	103,734	20,125		Empty/Pound	23,268
TS-1 Piping		1,259		Empty/Pound	600	178		Empty/Pound	200
Sludge		16,783				3,551			
Surface Area		6,719				1,508			
Confirmatory Waste Sampling		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)		Number	$130.00	3	$390.00	Number	$515.00	2	$1,030.00
Labor Technician		Hours	$90.00	2	$180.00	Hours	$90.00	1	$90.00
Removal of Wastes (TS-3)		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids Disposal Cost		Gallon	$0.30	152,308	$45,692.26	Gallon	$0.79	20,302	$16,038.71
Labor/ Loading		Hour/load	$90.00	61	$5,483.07	Hour/load	$90.00	8	$730.88
Transportation Liquids		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume		Gallons		152,308		Gallon		20,302	
Transportation		8 Hr/Load	$560.00	30	$17,058.44	Load	$3,600.00	4	$14,617.56
Confirmatory Waste Sampling		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)		Number	$130.00	3	$390.00	Number	$475.00	2	$950.00
Labor Technician		Hours	$90.00	2	$180.00	Hours	$90.00	1.5	$135.00
Removal of Wastes (TS-3)		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician		Hour	$45.00	48	$2,160.00	Hour	$45.00	32	$1,440.00
Labor Supervisor		Hour	$70.00	24	$1,680.00	Hour	$70.00	16	$1,120.00
Labor Project Manager		Hour	$90.00	24	$2,160.00	Hour	$90.00	16	$1,440.00
Solids/Sludges Disposal Cost		Ton	$90.00	77	$6,928.61	55gal/DM	$120.00	65	$7,748.51
Empty Drum Supply		Drum	$25.00	0	$0.00	Drum	$25.00	65	$1,614.27
Transportation Solids/Sludge		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume		tons		77		Ton		65	
Transportation		Bin	$750.00	9	$6,415.38	drum	$46.00	65	$2,970.26

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Decontamination		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician		Hour	$45.00	48	$2,160.00	Hour	$45.00	32	$1,440.00
Labor Supervisor		Hour	$70.00	24	$1,680.00	Hour	$70.00	16	$1,120.00
PPE & Supplies		Unit	$25.00	27	$675.00	Unit	$25.00	18	$450.00
Rinseate Disposal		Gallon	$0.30	13,438	$4,031.40	Gallon	$0.18	3,016	$648.00
Transportation		8 Hr/Load	$560.00	3	$1,505.06	Load	$3,600.00	1	$2,171.52
Confirmatory Waste Sampling		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Wipe		Number	$480.00	9	$4,320.00	Number	$480.00	6	$2,880.00
Demolition		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Removal of tanks		Pounds		103,734		Pounds		23,268	
Removal of Equipment & PPE		Pounds		1,000		Pounds		1,000	
Labor Technician		Hour	$45.00	192	$8,640.00	Hour	$45.00	32	$1,440.00
Labor Supervisor		Hour	$70.00	96	$6,720.00	Hour	$70.00	16	$1,120.00
Labor Project Manager		Hour	$95.00	48	$4,560.00	Hour	$95.00	16	$1,520.00
Disposal		Ton	$100.00	52	$5,236.70	Ton	$100.00	12	$1,213.40
Transportation		Bin	$750.00	6	$4,363.92	Bin	$750.00	1	$1,011.17
Total					**$0.00**				**$6,304.57**

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Maximum Waste Inventory at Closure

Waste Category	**STT Unit**			
Unit	**(22 Tanks)**			
Waste Inventory	Gallons	240,920		
TS-1 Tanks	204,782		Empty/Pound	175,262
TS-1 Piping	1,807		Empty/Pound	2,000
Sludge	48,184			
Surface Area	13,570			
Confirmatory Waste Sampl	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$475.00	22	$10,450.00
Labor Technician	Hours	$90.00	8	$720.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$
Liquids Disposal Cost	Gallon	$0.25	206,589	$51,647.23
Labor/ Loading	Hour/load	$90.00	83	$7,437.20
Transportation Liquids	Units	$/Unit	Volume	$
Volume	Gallon		206,589	
Transportation	Load	$3,600.00	41	$148,744.01
Confirmatory Waste Sampl	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$475.00	22	$10,450.00
Labor Technician	Hours	$90.00	8	$720.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	352	$15,840.00
Labor Supervisor	Hour	$70.00	176	$12,320.00
Labor Project Manager	Hour	$90.00	176	$15,840.00
Solids/Sludges Disposal Cos	Ton	$90.00	241	$21,700.15
Empty Drum Supply	Drum	$25.00	0	$0.00
Transportation Solids/Slud	Units	$/Unit	Volume	$
Volume	Ton		241	
Transportation	Bin	$750.00	27	$20,092.73

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Decontamination	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	352	$15,840.00
Labor Supervisor	Hour	$70.00	176	$12,320.00
PPE & Supplies	Unit	$25.00	198	$4,950.00
Rinseate Disposal	Gallon	$0.18	27,140	$4,885.20
Transportation	Load	$3,600.00	5	$19,540.80
Confirmatory Waste Sampl	Units	$/Unit	Volume	$
Wipe	Number	$480.00	66	$546.00
Demolition	Units	$/Unit	Volume	$
Removal of tanks	Pounds		175,262	
Removal of Equipment & PP	Pounds		1,000	
Labor Technician	Hour	$45.00	352	$15,840.00
Labor Supervisor	Hour	$70.00	176	$12,320.00
Labor Project Manager	Hour	$95.00	176	$16,720.00
Disposal	Ton	$100.00	88	$8,813.10
Transportation	Bin	$750.00	10	$7,344.25
Total				**$61,037.35**

Maximum Waste Inventory at Closure

Waste Category	**BDT**				**WPU**				**WPS**			
Unit	**320 & 321**				**CA-401, CA-402, CA-1, CA-2, KS-1, KS-2**				**CPI-401), E-400 (CPI-402), D-401, D-402, T-401, T-402, T-702, T-705**			
Waste Inventory	Gallons	126,840			Pounds	Cubic feet			Gallons	24,258		
TS-1 Tanks	114,156		Empty/Pound	72,060	36,000	882	Empty/Pound	14,822	20,619		Empty/Pound	32,483
TS-1 Piping	951		Empty/Pound	600	360	9	Empty/Pound	600	182		Empty/Pound	1,000
Sludge	12,684				36,000	1			3,639			
Surface Area	4,648				960				2,793			
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$130.00	2	$260.00	Number	$375.00	6	$2,250.00	Number	$375.00	12	$4,500.00
Labor Technician	Hours	$90.00	2	$180.00	Hours	$90.00	2	$180.00	Hours	$90.00	4	$360.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids Disposal Cost	Gallons	POTW	115,107	$0.00	Gallon	$0.00	4,860	$0.00	Gallons	$0.30	20,801	$0.00
Labor /loading	Hour/Load	$90.00	0	$0.00	Hour/BDT	$90.00	6	$540.00	Hours/load	$90.00	10	$900.00
Transportation Liquids	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Gallons	$0.00	0	$0.00	Gallons	$0.00	4,860	$0.00	Gallons		20,801	
Transportation	Gal/load	$0.00	0	$0.00	Gal/load	$0.00	0	$0.00	8 Hr/Load	$560.00	4	$2,329.74
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$130.00	2	$260.00	Number	$375.00	6	$2,250.00	Number	$375.00	12	$4,500.00
Labor Technician	Hours	$90.00	2	$180.00	Hours	$90.00	2	$180.00	Hours	$90.00	3	$270.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	32	$1,440.00	Hour	$45.00	96	$4,320.00	Hour	$45.00	96	$4,320.00
Labor Supervisor	Hour	$70.00	16	$1,120.00	Hour	$70.00	48	$3,360.00	Hour	$70.00	48	$3,360.00
Labor Project Manager	Hour	$90.00	16	$1,440.00	Hour	$90.00	48	$4,320.00	Hour	$90.00	48	$4,320.00
Solids/Sludges Disposal Cost	Ton	$90.00	58	$5,236.34	Ton	$225.00	18	$4,050.00	Ton	$90.00	18	$1,638.72
Empty Drum Supply	Drum	$25.00	0	$0.00	Drum	$25.00	0	$8.18	Drum	$25.00	0	$8.28
Transportation Solids/Sludge	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Gallons		58		Ton		18		Ton		18	
Transportation	Bin	$750.00	6	$4,848.46	Bin	$750.00	2	$1,500.00	Bin	$750.00	2	$1,517.34
Decontamination	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	32	$1,440.00	Hour	$45.00	96	$4,320.00	Hour	$45.00	96	$4,320.00
Labor Supervisor	Hour	$70.00	16	$1,120.00	Hour	$70.00	48	$3,360.00	Hour	$70.00	48	$3,360.00
PPE & Supplies	Unit	$25.00	18	$450.00	Unit	$25.00	54	$1,350.00	Unit	$25.00	108	$2,700.00

Waste Category	**BDT**				**WPU**				**WPS**			
Unit	**320 & 321**				**CA-401, CA-402, CA-1, CA-2, KS-1, KS-2**				**CPI-401), E-400 (CPI-402), D-401, D-402, T-401, T-402, T-702, T-705**			
Rinseate Disposal	Gallons	$0.00	9,296	$0.00	Gallons	$0.30	1,920	$576.00	Gallons	$0.30	5,586	$1,675.80
Transportation	POTW		0	$0.00	8 Hr/Load	$560.00	0	$215.04	8 Hr/Load	$560.00	1	$625.63
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Wipe	Number	$425.00	6	$2,550.00	Number	$425.00	18	$7,650.00	Number	$480.00	36	$17,280.00
Demolition	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Removal of tanks	Pounds		72,060		Pounds		14,822		Pounds		32,483	
Removal of Equipment & PPE	Pounds		1,000		Pounds		1,000		Pounds		1,000	
Labor Technician	Hour	$45.00	192	$8,640.00	Hour	$45.00	192	$8,640.00	Hour	$45.00	384	$17,280.00
Labor Supervisor	Hour	$70.00	96	$6,720.00	Hour	$70.00	96	$6,720.00	Hour	$70.00	192	$13,440.00
Labor Project Manager	Hour	$90.00	96	$8,640.00	Hour	$90.00	96	$8,640.00	Hour	$90.00	192	$17,280.00
Disposal	Ton	$100.00	37	$3,653.00	Ton	$100.00	8	$791.10	Ton	$100.00	17	$1,674.15
Transportation	Bin	$750.00	4	$3,044.17	Bin	$750.00	1	$659.25	Bin	$750.00	2	$1,395.13
Total				**$0.00**				**$25,450.35**				**$51,069.28**

Maximum Waste Inventory at Closure

Waste Category	**F-501 Treatment Unit**				**F-502 Treatment Unit**			
Unit	**F-501**				**F-502**			
Waste Inventory	Cubic Feet	57			Cubic Feet	54		
TS-1 Equipment	0		Frame/Pound	14,460	0		Frame/Pound	14,460
TS-1 Piping	0		Plates/pound	34,000	0		Plates/pounds	34,000
Sludge	57		Pipe/pounds	100	54		Pipe/pounds	100
Surface Area								
Confirmatory Waste Samplin	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$0.00	1	$0.00	Number	$0.00	1	$0.00
Labor Technician	Hours	$90.00	0	$0.00	Hours	$90.00	0	$0.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids Disposal Cost	Gallons	$0.00	0	$0.00	Gallons	$0.00	$0.00	$0.00
Labor/Loading	Hour/load	$0.00	0	$0.00	Hour/load	$0.00	$0.00	$0.00
Transportation Liquids	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Gallons	$0.00	0	$0.00	Gallons	$0.00	$0.00	$0.00
Transportation	Gal/load	$0.00	0	$0.00	Gal/load	$0.00	$0.00	$0.00
Confirmatory Waste Samplin	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$240.00	1	$240.00	Number	$240.00	1	$240.00
Labor Technician	Hours	$90.00	1	$90.00	Hours	$90.00	1	$90.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	16	$720.00	Hour	$45.00	16	$720.00
Labor Supervisor	Hour	$70.00	8	$560.00	Hour	$70.00	8	$560.00
Labor Project Manager	Hour	$90.00	8	$720.00	Hour	$90.00	8	$720.00
Solids/Sludges Disposal Cost	cuyd	$90.00	2	$190.00	cuyd	$90.00	2	$180.00
Transportation Solids/Sludge	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	cuyd		2		cuyd		2	
Transportation	Bin	$750.00	0	$175.93	Bin	$750.00	0	$166.67

Waste Category	**F-501 Treatment Unit**				**F-502 Treatment Unit**			
Unit	**F-501**				**F-502**			
Decontamination	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	32	$1,440.00	Hour	$45.00	32	$1,440.00
Labor Supervisor	Hour	$70.00	8	$560.00	Hour	$70.00	8	$560.00
PPE & Supplies	Unit	$25.00	9	$225.00	Unit	$25.00	9	$225.00
Rinseate Disposal	Gallon	$0.18	360	$64.80	Gallon	$0.18	360	$64.80
Transportation	Load	$3,600.00	0	$259.20	Load	$3,600.00	0	$259.20
Confirmatory Waste Samplin	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Wipe/Rinse	Number	$425.00	3	$1,275.00	Number	$425.00	3	$1,275.00
Demolition	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Removal of equipment	Pounds		48,560		Pounds		48,560	
Removal of Equipment & PPE	Pounds		1,000		Pounds		1,000	
Labor Technician	Hour	$45.00	32	$1,440.00	Hour	$45.00	32	$1,440.00
Labor Supervisor	Hour	$70.00	16	$1,120.00	Hour	$70.00	16	$1,120.00
Labor Project Manager	Hour	$90.00	16	$1,440.00	Hour	$90.00	16	$1,440.00
Disposal- Landfill-Plates	Ton	$100.00	18	$1,755.00	Ton	$100.00	18	$1,755.00
Disposal- Landfill Frame	Ton	$100.00	24	$2,428.00	Ton	$100.00	24	$2,428.00
Transportation	Bin	$750.00	5	$3,485.83	Bin	$750.00	5	$3,485.83
Total				**$11,668.83**				**$11,668.83**

Maximum Waste Inventory at Closure

Waste Category	**CSUW Treatment Unit**				**Treatment Unit**				**Treatment Unit**			
Unit	**CSUW Acids**				**CSUW Non- Acids**				**CSUW Non-Acids (Incineration)**			
Waste Inventory	Gallons	11,880	Drums	216	Gallons	13,640	Drums	248	Gallons	7,480	Drums	136
TS-1 Liquids			75%	162			50%	124			50%	68
TS-1 Solids			25%	54			50%	124			50%	68
Confirmatory Waste Sampli	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$140	16.2	$2,268.00	Number	$365	12.4	$4,526.00	Number	$365	6.8	$2,482.00
Labor Technician	Hours	$90.00	3	$270.00	Hours	$90.00	2	$180.00	Hours	$90.00	1	$90.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$90.00	32	$2,880.00	Hour	$90.00	32	$2,880.00	Hour	$90.00	16	$1,440.00
Labor Supervisor	Hour	$70.00	20	$1,400.00	Hour	$70.00	16	$1,120.00	Hour	$70.00	8	$560.00
Labor Project Manager	Hour	$90.00	20	$1,800.00	Hour	$90.00	16	$1,440.00	Hour	$90.00	8	$720.00
Liquids Disposal Cost	55Gal/DM	$150.00	162	$24,300.00	55Gal/DM	$130.00	124	$16,120.00	55Gal/DM	$120.00	68	$8,160.00
Transportation Liquids	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Drums		162		Drums		124		Drums		68	
Transportation	Per DM	$10.00	162.00	$1,620.00	Per DM	$10.00	124	$1,240.00	Per DM	$46.00	68	$3,128.00
Confirmatory Waste Sampli	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$130	5	$702.00	Number	$420	12	$5,208.00	Number	$375	7	$2,550.00
Labor Technician	Hours	$90.00	1	$90.00	Hours	$90.00	2	$180.00	Hours	$90.00	1	$90.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$90.00	16	$1,440.00	Hour	$90.00	32	$2,880.00	Hour	$90.00	16	$1,440.00
Labor Supervisor	Hour	$70.00	8	$560.00	Hour	$70.00	16	$1,120.00	Hour	$70.00	8	$560.00
Labor Project Manager	Hour	$90.00	8	$720.00	Hour	$90.00	16	$1,440.00	Hour	$90.00	8	$720.00
Solids/Sludges Disposal Cost	55Gal/DM	$140.00	54	$7,560.00	55Gal/DM	$50.00	124	$6,200.00	55Gal/DM	$120.00	68	$8,160.00
Transportation Solids/Sludg	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	55Gal/DM		54		55Gal/DM		124		55Gal/DM		68	
Transportation	Per DM	$10.00	54	$540.00	Per DM	$10.00	124	$1,240.00	Per DM	$46.00	68	$3,128.00
Total				**$0.00**				**$0.00**				**$0.00**

Table 2 HWMU
CSUW

Maximum Waste Inventory at Closure

Waste Category	**Container Receiving & Inspection Unit**				**Container Receiving & Inspection Unit**			
Unit	**CRIU Acids**				**CRIU Non- Acids**			
Waste Inventory	Gallons	14,740	Drums	268	Gallons	38,060	Drums	692
TS-1 Liquids			75%	201			50%	346
TS-1 Solids			25%	67			50%	346
Confirmatory Waste Samplin	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$140.00	20	$2,814.00	Number	$365.00	35	$12,629.00
Labor Technician	Hours	$90.00	4	$360.00	Hours	$90.00	6	$540.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	48	$2,160.00	Hour	$45.00	64	$2,880.00
Labor Supervisor	Hour	$70.00	20	$1,400.00	Hour	$70.00	32	$2,240.00
Labor Project Manager	Hour	$90.00	20	$1,800.00	Hour	$90.00	32	$2,880.00
Liquids Disposal Cost	55Gal/DM	$150.00	201	$30,150.00	55Gal/DM	$100.00	346	$34,600.00
Transportation Liquids	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Drums		201		Drums		346	
Transportation	Per DM	$10.00	252	$2,520.00	Per DM	$10.00	346	$3,460.00
Confirmatory Waste Samplin	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$130.00	7	$871.00	Number	$420.00	35	$14,532.00
Labor Technician	Hours	$90.00	2	$180.00	Hours	$90.00	6	$540.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	16	$720.00	Hour	$45.00	64	$2,880.00
Labor Supervisor	Hour	$70.00	8	$560.00	Hour	$70.00	32	$2,240.00
Labor Project Manager	Hour	$90.00	8	$720.00	Hour	$90.00	32	$2,880.00
Solids/Sludges Disposal Cost	55Gal/DM	$140.00	67	$9,380.00	55Gal/DM	$50.00	346	$17,300.00
Transportation Solids/Sludge	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	55Gal/DM	$0.00	67	$0.00	55Gal/DM	$0.00	346	$0.00
Transportation	Per DM	$12.00	67	$804.00	Per DM	$12.00	346	$4,152.00
Total				**$0.00**				**$0.00**

Maximum Waste Inventory at Closure

Waste Category	**Consolidation of Solids & Sludges Unit**				**Bulk Solid Storage Unit**				**Railcar Loading & Unloading Unit**			
Unit	**CSSU**				**BSSU (3 x 20 cuyd bin)**				**RLUU Solids**			
Waste Inventory	Cubic yards	2			Cubic yards	240			Cubic yards	300	60,000 gal	
TS-1 Liquids	0		Empty/Pound	2,109	0				0			
TS-1 Solids	2				240				300			
Surface Area	136											
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$0.00	0	$0.00	Number	$0.00	0	$0.00	Number	$0.00	0	$0.00
Labor Technician	Hours	$90.00	0	$0.00	Hours	$90.00	0	$0.00	Hours	$90.00	0	$0.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids Disposal Cost	Gallons	$0.00	0	$0.00	Gallons	$0.00	0	$0.00	Gallons	$0.00	0	$0.00
Labor Technician	Hour/load	$0.00	0	$0.00	Hour/load	$0.00	0	$0.00	Hour/load	$0.00	0	$0.00
Transportation Liquids	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Drums	$0.00	100	$0.00	Drums	$0.00	0	$0.00	Railcar	$0.00	0	$0.00
Transportation	80DM/bin	$0.00	1	$0.00	bin	$0.00	0	$0.00	Gondola	$0.00	0	$0.00
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$0.00	0	$0.00	Number	$240.00	12	$2,880.00	Number	$130.00	2	$260.00
Labor Technician	Hours	$90.00	1	$90.00	Hours	$90.00	8	$720.00	Hours	$90.00	2	$180.00
Removal of Wastes (TS-3)	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges Disposal Cost	Ton	$90.00	2	$180.00	Ton	$90.00	240	$21,600.00	Gondola	$5,110.00	2	$10,220.00
Labor/Admin	Hour/bin	$70.00	1	$70.00	Hour/bin	$70.00	12	$840.00	Hour/car	$70.00	4	$280.00
Transportation Solids/Sludge	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	cuyd	$90.00	2	$180.00	cyud	$0.00	240	$0.00	150cuyd	$0.00	2	$0.00
Transportation	Bin	$750.00	0	$83.33	Bin	$750.00	12	$9,000.00	Gondola	Incl w/Disp	1	Incl w/Disp
Decontamination	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	16	$720.00	Hour	$45.00	$0.00	$0.00	Hour	$45.00	$0.00	$0.00
Labor Supervisor	Hour	$70.00	8	$560.00	Hour	$70.00	$0.00	$0.00	Hour	$70.00	$0.00	$0.00
Labor Project Manager	Hour	$90.00	8	$720.00	Hour	$90.00	$0.00	$0.00	Hour	$90.00	$0.00	$0.00
PPE & Supplies	Unit	$25.00	9	$225.00	Unit	$25.00	0	$0.00	Unit	$0.00	0	$0.00
Rinseate Disposal	Gallon	$0.18	272	$48.96	Gallons	$0.00	$0.00	$0.00	Gallons	$0.00	$0.00	$0.00

Waste Category	**Consolidation of Solids & Sludges Unit**				**Bulk Solid Storage Unit**				**Railcar Loading & Unloading Unit**			
Unit	**CSSU**				**BSSU (3 x 20 cuyd bin)**				**RLUU Solids**			
Transportation	Load	$3,600.00	0	$195.84		$0.00	$0.00	$0.00		$0.00	$0.00	$0.00
Confirmatory Waste Sampling	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$0.00	Units	$/Unit	Volume	$
Wipe/Rinse	Number	$425.00	6	$2,550.00	Number	$425.00	0	$0.00	Number	$425.00	0	$0.00
Demolition	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Removal of Equipment	Pounds		5,519	$0.00	0	$0.00	0	$0.00	0	$0.00	0	$0.00
Removal of Equipment & PPE	Pounds		1,000					$0.00				$0.00
Labor Technician	Hour	$45.00	48	$2,160.00	Hour	$45.00	0	$0.00	Hour	$45.00	0	$0.00
Labor Supervisor	Hour	$70.00	24	$1,680.00	Hour	$70.00	0	$0.00	Hour	$70.00	0	$0.00
Labor Project Manager	Hour	$90.00	24	$2,160.00	Hour	$90.00	0	$0.00	Hour	$90.00	0	$0.00
Disposal	Ton	$100.00	3	$325.95	Ton	$100.00	0	$0.00	Ton	$100.00	0	$0.00
Transportation	Bin	$750.00	0	$271.63	Bin	$750.00	0	$0.00	Bin	$750.00	0	$0.00
								$0.00				
Total				**$6,597.58**				**$0.00**				**$0.00**

Maximum Waste Inventory at Closure

Waste Category	**Railcar Loading & Unloading Unit**				**Railcar Loading & Unloading Unit**			
Unit	**RLUU Waste Glycol**				**RLUU Used/Waste Oil**			
Waste Inventory	Gallons	25,000		Feet	Gallons	25,000		
TS-1 Tank Cars	25,000				25,000			
TS-1 Piping	188		Empty/pound	250	188			
Confirmatory Waste Sam	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$130.00	1	$130.00	Number	$515.00	1	$515.00
Labor Technician	Hours	$90.00	1	$90.00	Hours	$90.00	1	$90.00
Removal of Wastes (TS-3	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids Disposal Cost	Gallons	$0.10	25,188	$2,518.75	Gallons	$0.05	25,188	$1,259.38
Transportation Liquids	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Gallons		25,188		Gallons		25,188	
Transportation	Railcar	$3,912.00	1	$3,912.00	Railcar	$3,912.00	1	$3,912.00
Labor/ Admin	Hour/load	$70.00	1	$70.00	Hour/load	$70.00	1	$70.00
Confirmatory Waste Sam	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$130.00	0	$0.00	Number	$475.00	0	$0.00
Labor Technician	Hours	$90.00	0	$0.00	Hours	$90.00	0	$0.00
Removal of Wastes (TS-3	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Residue/heel return	Gallons		0		Gallons		2,519	
Railcar cleanout/decon	team/car	$3,500.00	1	$3,500.00	team/car	$3,500.00	1	$3,500.00
Solids/Sludges Disposal C	Tons	$90.00	0	$0.00	Tons	$100.00	0	$0.00
Empty Drum Supply	Drum	$25.00	0	$0.00	Drum	$25.00	0	$0.00
Transportation Solids/Slu	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Tons	0	0	$0.00	Tons	0	0	$0.00
Transportation	Bin	$750.00	0	$0.00	Bin	$750.00	0	$0.00
Labor	Hour	$90.00	0	$0.00	Hour	$90.00	0	$0.00
Labor/Admin	Hour	$75.00	0	$0.00	Hour	$75.00	0	$0.00

Waste Category	**Railcar Loading & Unloading Unit**				**Railcar Loading & Unloading Unit**			
Unit	**RLUU Waste Glycol**				**RLUU Used/Waste Oil**			
Demolition	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Removal of piping	Feet/pound	$0.00	250	$0.00	Feet	$0.00	0	$0.00
Labor Technician	Hour	$45.00	8	$360.00	Hour	$45.00	0	$0.00
Labor Supervisor	Hour	$70.00	4	$280.00	Hour	$70.00	0	$0.00
Disposal	Tons	$100.00	0.125	$12.50	Tons	$0.00	0	$0.00
Transportation	Bin	$750.00	0.125	$93.75	Bin	$750.00	0	$0.00
Total				**$0.00**				**$0.00**

Maximum Waste Inventory at Closure

Waste Category	**Railcar Loading & Unloading Unit**				**Railcar Loading & Unloading Unit**			
Unit	**RLUU Caustic**				**RLUU Lean Water**			
Waste Inventory	Gallons	25,000			Gallons	50,000		
TS-1 Tank Cars	25,000				50,000			
TS-1 Piping	188				375			
Confirmatory Waste Sam	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$130.00	1	$130.00	Number	$375.00	2	$750.00
Labor Technician	Hours	$90.00	1	$90.00	Hours	$90.00	1	$90.00
Removal of Wastes (TS-3	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids Disposal Cost	Gallons	$0.30	25,188	$7,556.25	Gallons	$0.23	50,375	$11,586.25
Transportation Liquids	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Gallons		25,188		Gallons		50,375	
Transportation	Railcar	$6,112.00	1	$6,112.00	Railcar	$6,112.00	2	$12,224.00
Labor/ Admin	Hour/load	$70.00	2	$140.00	Hour/load	$70.00	4	$280.00
Confirmatory Waste Sam	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$0.00	0	$0.00	Number	$0.00	0	$0.00
Labor Technician	Hours	$90.00	0	$0.00	Hours	$90.00	0	$0.00
Removal of Wastes (TS-3	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Residue/heel return	Gallons		2,519		Gallons		5,038	
Railcar cleanout/decon	team/car	$3,500.00	1	$3,500.00	team/car	$3,500.00	2	$7,000.00
Solids/Sludges Disposal C	Ton	$415.00	13	$5,230.59	Drum	$120.00	92	$10,990.91
Empty Drum Supply	Drum	$25.00	46	$1,144.89	Drum	$25.00	92	$2,289.77

Waste Category	**Railcar Loading & Unloading Unit**				**Railcar Loading & Unloading Unit**			
Unit	**RLUU Caustic**				**RLUU Lean Water**			
Transportation Solids/Slu	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	55gal/Drum	0	46	$0.00	55gal/Drum	0	92	$0.00
Transportation	Drum	$61.00	46	$2,793.52	Drum	$46.00	92	$4,213.18
Labor	Hour	$90.00	8	$720.00	Hour	$90.00	8	$720.00
Labor/Admin	Hour	$75.00	8	$600.00	Hour	$75.00	8	$600.00
Demolition	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Removal of piping	Feet/pound	$0.00	0	$0.00	Feet	$0.00	0	$0.00
Labor Technician	Hour	$45.00	0	$0.00	Hour	$45.00	0	$0.00
Labor Supervisor	Hour	$70.00	0	$0.00	Hour	$70.00	0	$0.00
Disposal	Tons	$100.00	0	$0.00	Tons	$0.00	0	$0.00
Transportation	Bin	$750.00	0	$0.00	Bin	$750.00	0	$0.00
Total				**$0.00**				**$0.00**

Maximum Waste Inventory at Closure

Waste Category	**C-710**				**C-711**				**Afterburner**			
Unit	**Inorganic Scrubber**				**Organic Scrubber**							
Waste Inventory	Gallon				Gallon				Gallons			
TS-1 Tanks	350		Empty/Pound	1,030	255		Empty/Pound	1,030	0		Empty/Pound	2,000
TS-1 Piping	0		Empty/Pound	500	0		Empty/Pound	500	0		Empty/Pound	1,500
Packing/Pounds	65				65				0			
Surface Area	273				273							
Confirmatory Waste	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids (SA-7)	Number	$225.00	2	$450.00	Number	$360.00	2	$720.00	Number	$0.00	0	$0.00
Labor Technician	Hours	$90.00	1	$90.00	Hour	$90.00	1	$90.00	Hours	$90.00	0	$0.00
Removal of Wastes (	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Liquids Disposal Cost	Gallons	$1.05	350	$367.50	Gallons	$1.05	255	$267.75	Gallons	$0.00	0	$0.00
Labor/Loading	Hour/load	$90.00	1	$90.00	Hour/load	$90.00	1	$90.00	Hour/load	$90.00	0	$0.00
Transportation Liqui	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Gallons		350		Gallons		255		Gallons		0	
Transportation	8hr/load	$560.00	0	$39.20	8hr/load	$560.00	0	$28.56	Gal/load	$0.00	0	$0.00
Confirmatory Waste	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$225.00	2	$450.00	Number	$225.00	2	$450.00	Number	$0.00	0	$0.00
Labor Technician	Hours	$90.00	1	$90.00	Hour	$90.00	1	$100.00	Hours	$90.00	0	$0.00
Removal of Wastes (	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	4	$180.00	Hour	$45.00	4	$180.00	Hour	$45.00	0	$0.00
Labor Supervisor	Hour	$70.00	2	$140.00	Hour	$70.00	2	$140.00	Hour	$70.00	0	$0.00
Labor Project Manage	Hour	$90.00	2	$180.00	Hour	$90.00	2	$180.00	Hour	$90.00	0	$0.00
Solids/Sludges Dispos	Drum	$50.00	1	$50.00	Ton	$50.00	1	$50.00	Ton	$90.00	0	$0.00
Empty Drum Supply	Drum	$25.00	1	$25.00	Drum	$25.00	1	$25.00	Drum	$25.00	0	$0.00
Transportation Solid	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Volume	Drum		1		Tons		1		Tons		0	
Transportation	Drum	$25.00	1	$25.00	Drum	$25.00	1	$25.00	Bin	$750.00	0	$0.00

Waste Category	**C-710**				**C-711**				**Afterburner**			
Unit	**Inorganic Scrubber**				**Organic Scrubber**							
Decontamination	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Labor Technician	Hour	$45.00	4	$180.00	Hour	$45.00	4	$180.00	Hour	$45.00	8	$360.00
Labor Supervisor	Hour	$70.00	2	$140.00	Hour	$70.00	2	$140.00	Hour	$70.00	4	$280.00
Rinseate Disposal	Gallon	$0.18	546	$648.00	Gallon	$0.18	546	$648.00	Gallon	$0.18	0	$100.80
Transportation	Load	$3,600.00	0	$393.12	Load	$3,600.00	0	$393.12	8hr/load	$560.00	0	$0.00
Confirmatory Waste S	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Solids/Sludges (SA-6)	Number	$425.00	9	$3,825.00	Number	$425.00	9	$3,825.00	Number	$425.00	3	$1,275.00
Demolition	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
Removal of tanks	Pounds		1,530		Pounds		1,530		Pounds		3,500	
Removal of equipment	Pounds		1,000		Pounds		1,000		Pounds		1,000	
Labor Technician	Hour	$45.00	16	$720.00	Hour	$45.00	16	$720.00	Hour	$45.00	16	$720.00
Labor Supervisor	Hour	$70.00	4	$280.00	Hour	$70.00	4	$280.00	Hour	$70.00	4	$280.00
Labor Project Manage	Hour	$90.00	4	$360.00	Hour	$90.00	4	$360.00	Hour	$90.00	4	$360.00
Disposal	Ton	$100.00	1	$126.50	Ton	$100.00	1	$126.50	Ton	$100.00	2	$225.00
Transportation	Bin	$750.00	1	$750.00	Bin	$750.00	1	$750.00	Bin	$750.00	1	$750.00
Total				**$2,236.50**				**$9,768.93**				**$4,350.80**

Tank ID	Area Location	HWMU	Tank Type	Tank Designation	
T-319	A- BDT	Non-Haz	Stainless Steel	Decon	Remain on Site for Reuse
T-322	A- BDT	Non-Haz	Stainless Steel	Decon	Remain on Site for Reuse
T-323	A- BDT	Non-Haz	Stainless Steel	Decon	Remain on Site for Reuse
T-320	A- BDT	BDT	Stainless Steel	Decon	Remain on Site for Reuse
T-321	A- BDT	BDT	Stainless Steel	Decon	Remain on Site for Reuse
T-311	A	STT	FRP	Decon/Dismantel	Landfill
T-312	A	STT	FRP	Decon/Dismantel	Landfill
T-309	A	STT	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
T-310	A	STT	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
F-501	A	F-501 Filter Press	Mild Steel	Decon/Dismantel	Frame: Recycle/ Reuse Plates: Landfill
Sump 5	A	Sump 5	FRP/Concrete	Decon/Dismantel	FRP-Landfill
T-750	A	City Water	Plastic	Decon	Remain on Site for Reuse
CA-1	B	WPU	Mild Steel	Decon/Dismantel	Recycle/ Reuse
CA-2	B	WPU	Mild Steel	Decon/Dismantel	Recycle/ Reuse
CA-401	B	WPU	Mild Steel	Decon/Dismantel	Recycle/ Reuse
CA-402	B	WPU	Mild Steel	Decon/Dismantel	Recycle/ Reuse
KS-1	B	WPU	Mild Steel	Decon/Dismantel	Recycle/ Reuse
KS-2	B	WPU	Mild Steel	Decon/Dismantel	Recycle/ Reuse
CF-1	B	WPS	FRP	Decon/Dismantel	Landfill
D-401	B	WPS	Mild Steel	Decon/Dismantel	Recycle/ Reuse
D-402	B	WPS	Mild Steel	Decon/Dismantel	Recycle/ Reuse
D-705 (T-705)	B	WPS	FRP	Decon/Dismantel	Landfill
E-400 (CPI-402)	B	WPS	Mild Steel	Decon/Dismantel	Recycle/ Reuse
E-430 (CPI-401)	B	WPS	Mild Steel	Decon/Dismantel	Recycle/ Reuse
E-450 (DAF-401)	B	WPS	Mild Steel	Decon/Dismantel	Recycle/ Reuse
T-401 (T-404)	B	WPS	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
T-402 (T-403)	B	WPS	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
T-702 (D-702)	B	WPS	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
T-725	B	WPS	Plastic	Decon/Dismantel	Landfill
T-728	B	WPS	FRP	Decon/Dismantel	Landfill
T-761A	B	STT	Plastic	Decon/Dismantel	Landfill
T-761B	B	STT	Plastic	Decon/Dismantel	Landfill
T-762	B	STT	Plastic	Decon/Dismantel	Landfill
T-726	B	Reagent	Plastic	Decon/Dismantel	Landfill
T-727	B	Reagent	Plastic	Decon/Dismantel	Landfill
T-741	B	Reagent	Plastic	Decon/Dismantel	Landfill
T-742	B	Reagent	Plastic	Decon/Dismantel	Landfill
T-760	B	City Water	Plastic	Decon	Remain on Site for Reuse
D-400	B	Non- Haz Air Tank	Steel	Decon/Dismantel	Remain on Site for Reuse
Portable Totes (3)	B	Reagent	Poly	Decon/Dismantel	Landfill

Tank ID	Area Location	HWMU	Tank Type	Tank Designation	
T-101	C	STT	Carbon Steel	Decon	Recycle/ Reuse
T-102	C	STT	Carbon Steel	Decon	Recycle/ Reuse
T-103	C	SWST	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
T-104	C	SWST	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
T-201	C	STT	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
T-780	C	STT	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
S-10/PP-010	C	WPS	FRP/Concrete	Decon/Dismantel	FRP- Landfill
T-202	C	STT	Carbon Steel	Decon	Recycle/ Reuse
T-001	C	STT	Plastic	Decon/Dismantel	Landfill
T-720	D	STT	Plastic	Decon/Dismantel	Landfill
T-720A	D	STT	FRP	Decon/Dismantel	Landfill
T-721	D	STT	FRP	Decon/Dismantel	Landfill
T-203	D	STT	Carbon Steel	Decon	Recycle/ Reuse
T-204	D	STT	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
T-210	D	STT	Carbon Steel	Decon/Dismantel	Recycle/ Reuse
T-306	D	STT	Carbon Steel	Decon	Recycle/ Reuse
T-307	D	STT	Carbon Steel	Decon	Recycle/ Reuse
T-308	D	STT	Carbon Steel	Decon	Recycle/ Reuse
F-502	D	F-502 Filter Press	Mild Steel	Decon/Dismantel	Frame: Recycle/ Reuse Plates: Landfill
M-11	D	M-11	FRP	Decon/Dismantel	Landfill
M-3	E-Warehouse	ABRS	FRP	Decon/Dismantel	Landfill
M-4	E-Warehouse	ABRS	FRP	Decon/Dismantel	Landfill
M-5	E-Warehouse	ABRS	FRP/Carbon Steel	Decon/Dismantel	Landfill
M-6	E-Warehouse	ABRS	FRP	Decon/Dismantel	Landfill
T-791	E-Warehouse	Reagent	Plastic	Decon/Dismantel	Landfill
T-792	E-Warehouse	Reagent	Plastic	Decon/Dismantel	Landfill
T-793	E-Warehouse	Reagent	Plastic	Decon/Dismantel	Landfill
M-1	F	M-1	FRP	Decon/Dismantel	Landfill
M-2	F	M-2	FRP	Decon/Dismantel	Landfill
MX-601	CSSU	CSSU	Steel	Decon/Dismantel	Landfill
DCU	CSSU	CSSU	Steel	Decon/Dismantel	Landfill
Hoppers	CSSU	CSSU	Mild Steel	Decon/Dismantel	Landfill
Silo- 600	CSSU	Reagent	Mild Steel	Decon/Dismantel	Recycle/ Reuse
PVC Air Scrubber		Never Used	PVC	Decon/Dismantel	Landfill
C-710	D	IOS Vapor Recovery	Plastic	Decon/Dismantel	Recycle/Reuse
D-708	D	Reagent Vapor Recovery	Plastic	Decon/Dismantel	Landfill
D-706	D	CRB Vapor Recovery	Plastic	Decon/Dismantel	Landfill

Tank ID	Area Location	HWMU	Tank Type	Tank Designation	
C-711	B	OS Vapor Recovery	Plastic	Decon/Dismantel	Landfill
D-707	B	OS RB Vapor Recovery	Plastic	Decon/Dismantel	Recycle/Reuse
D-709	B	Reagent Vapor Recovery	Plastic	Decon/Dismantel	Landfill
Thermal Oxidizer	B	Vapor Recovery	Steel	Decon/Dismantel	Recycle/Reuse

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**Waste Category**		**Treatment Unit**				**Treatment Unit**				**Treatment Unit**			
2	Unit		**Area A-1**				**Area A-2**				**Area B & C**			
3	**Waste Inventory**		Sq ft	1,557			Sq ft	5,310			Sq ft	9,983		
4			Gallons	4,671			Gallons	15,930			Gallons	29,949		
5														
6	**Decontamination**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
7	Labor		Hour	$45.00	16	$720.00	Hour	$45.00	8	$360.00	Hour	$45.00	64	$2,880.00
8	Labor		Hour	$70.00	8	$560.00	Hour	$70.00	4	$280.00	Hour	$70.00	16	$1,120.00
9	PPE & Supplies		Unit	$25.00	6	$150.00	Unit	$25.00	3	$75.00	Unit	$25.00	20	$500.00
10	Rinseate Disposal		Gallons	$0.18	4,671	$840.78	Gallons	$0.18	15,930	$2,867.40	Gallons	$0.18	29,949	$5,390.82
11	Transportation		Load	$3,600.00	1	$3,363.12	Load	$3,600.00	3	$11,469.60	Load	$3,600.00	6	$21,563.28
12	**Confirmatory Waste Sampling**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
13	Liquids (SA-7)		Number	$515.00	1	515	Number	$515.00	1	$515.00	Number	$515.00	2	$1,030.00
14	Labor		Hours	$90.00	1	1	Hours	$90.00	1	$90.00	Hours	$90.00	2	$180.00
15	**Subtotal**					**$6,149.90**				**$15,657.00**				**$32,664.10**
16														
17	**Soil Investigation**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
18	Soil Borings		$/ft (20ft)	Below	2		$/ft (20ft)	Below	5		$/ft (20ft)	Below	12	
19	Soil Samples		Number		8	$0.00	Number		20	0	Number		48	$0.00
20	Analysis		Soil	$700.00	8	$5,600.00	Soil	$700.00	20	$14,000.00	Soil	$700.00	48	$33,600.00
21	Concrete Coring		$/ft (2ft)	Below	5		$/ft (2ft)	Below	5		$/ft (2ft)	Below	13	
22	Concrete Analysis		Chip	$380.00	2	$760.00	Chip	$380.00	1	$380.00	Chip	$380.00	4	$1,520.00
23	Analysis - Organic Vapor		Gas	$300.00	2	$600.00	Gas	$300.00	3	$900.00	Gas	$300.00	5	$1,500.00
24	Empty Drum Supply		Drum	$25.00	2	$50.00	Drum	$25.00	5	$125.00	Drum	$25.00	12	$300.00
25	Borings Disposal		Drum	$50.00	2	$100.00	Drum	$50.00	5	$250.00	Drum	$50.00	12	$600.00
26	Transportation		Load	$25.00	2	$50.00	Load	$25.00	5	$125.00	Load	$25.00	12	$300.00
27	**Subtotal**					**$7,160.00**				**$15,780.00**				**$37,820.00**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
28														
29	**Waste Category**		**Treatment Unit**				**Treatment Unit**				**Treatment Unit**			
30	Unit		**Area D**				**Area E Non Acid**				**Area E Acids**			
31	**Waste Inventory**		Sq ft	5,032			Sq ft	1,317			Sq ft	711		
32			Gallons	15,096			Gallons	3,951			Gallons	2,133		
33														
34	**Decontamination**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
35	Labor		Hour	$45.00	48	$2,160.00	Hour	$45.00	32	$1,440.00	Hour	$45.00	16	$720.00
36	Labor		Hour	$70.00	8	$560.00	Hour	$70.00	8	$560.00	Hour	$70.00	8	$560.00
37	PPE & Supplies		Unit	$25.00	16	$400.00	Unit	$25.00	10	$250.00	Unit	$25.00	6	$150.00
38	Rinseate Disposal		Gallons	$0.18	15,096	$2,717.28	Gallons	$0.18	3,951	$711.18	Gallons	$0.18	2,133	$383.94
39	Transportation		Load	$3,600.00	3	$10,869.12	Load	$3,600.00	1	$2,844.72	Load	$3,600.00	0	$1,535.76
40	**Confirmatory Waste Sampling**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
41	Liquids (SA-7)		Number	$515.00	1	515	Number	$515.00	1	$515.00	Number	$125.00	1	$125.00
42	Labor		Hours	$90.00	1	$90.00	Hours	$90.00	1	$90.00	Hours	$90.00	1	$90.00
43	**Subtotal**					**$17,311.40**				**$6,410.90**				**$3,564.70**
44														
45	**Soil Investigation**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
46	Soil Borings		$/ft (20ft)	Below	5		$/ft (20ft)	Below	3		$/ft (20ft)	Below	2	
47	Soil Samples		Number		20	$0.00	Number		12	0	Number		8	$0.00
48	Analysis		Soil	$585.00	20	$11,700.00	Soil	$700.00	12	$8,400.00	Soil	$240.00	8	$1,920.00
49	Concrete Coring		$/ft (2ft)	Below	8		$/ft (2ft)	Below	4		$/ft (2ft)	Below	3	
50	Concrete Analysis		Chip	$380.00	2	$760.00	Chip	$380.00	2	$760.00	Chip	$380.00	2	$760.00
51	Analysis - Organic Vapor		Gas	$300.00	2	$600.00	Gas	$300.00	1	$300.00	Gas	$300.00	1	$300.00
52	Empty Drum Supply		Drum	$25.00	5	$125.00	Drum	$25.00	3	$75.00	Drum	$25.00	2	$50.00
53	Borings Disposal		Drum	$50.00	5	$250.00	Drum	$50.00	3	$150.00	Drum	$50.00	2	$100.00
54	Transportation		Load	$25.00	5	$125.00	Load	$25.00	3	$75.00	Load	$25.00	2	$50.00
55	**Subtotal**					**$13,560.00**				**$9,760.00**				**$3,180.00**
56														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
57	**Waste Category**		**Treatment Unit**				**Treatment Unit**				**Treatment Unit**			
58	Unit		**Area F**				**CRIU Area**				**BDT and Non-Haz Area**			
59	**Waste Inventory**		Sq ft	1,969			Sq ft	6,210			Sq ft	14,180		
60			Gallons	5,907			Gallons	18,630			Gallons	42,540		
61														
62	**Decontamination**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
63	Labor		Hour	$45.00	48	$2,160.00	Hour	$45.00	48	$2,160.00	Hour	$45.00	32	$1,440.00
64	Labor		Hour	$70.00	16	$1,120.00	Hour	$70.00	24	$1,680.00	Hour	$70.00	8	$560.00
65	PPE & Supplies		Unit	$25.00	10	$250.00	Unit	$25.00	9	$225.00	Unit	$25.00	14	$350.00
66	Rinseate Disposal		Gallons	$0.18	5,907	$1,063.26	Gallons	$0.18	18,630	$3,353.40	Gallons	$0.18	42,540	$7,657.20
67	Transportation		Load	$3,600.00	1	$4,253.04	Load	$3,600.00	4	$13,413.60	Load	$3,600.00	9	$30,628.80
68	**Confirmatory Waste Sampling**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
69	Liquids (SA-7)		Number	$305.00	1	305	Number	$515.00	1	$515.00	Number	$125.00	1	$125.00
70	Labor		Hours	$90.00	1	1	Hours	$90.00	1	$90.00	Hours	$90.00	1	$90.00
71	**Subtotal**					**$9,152.30**				**$21,437.00**				**$40,851.00**
72														
73	**Soil Investigation**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
74	Soil Borings		$/ft (20ft)	Below	3		$/ft (20ft)	Below	7		$/ft (20ft)	Below	3	
75	Soil Samples		Number		12	$0.00	Number		28	0	Number		12	$0.00
76	Analysis		Soil	$485.00	12	$5,820.00	Soil	$700.00	28	$19,600.00	Soil	$375.00	12	$4,500.00
77	Concrete Coring		$/ft (2ft)	Below	5		$/ft (2ft)	Below	14		$/ft (2ft)	Below	5	
78	Concrete Analysis		Chip	$380.00	3	$1,140.00	Chip	$380.00	4	$1,520.00	Chip	$380.00	2	$760.00
79	Analysis - Organic Vapor		Gas	$300.00	2	$600.00	Gas	$300.00	7	$2,100.00	Gas	$300.00	3	$900.00
80	Empty Drum Supply		Drum	$25.00	3	$75.00	Drum	$25.00	7	$175.00	Drum	$25.00	3	$75.00
81	Borings Disposal		Drum	$50.00	3	$150.00	Drum	$50.00	7	$350.00	Drum	$50.00	3	$150.00
82	Transportation		Load	$25.00	3	$75.00	Load	$25.00	7	$175.00	Load	$25.00	3	$75.00
83	**Subtotal**					**$7,860.00**				**$23,920.00**				**$6,460.00**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
84	**Waste Category**		**Treatment Unit**				**Treatment Unit**				**Treatment Unit**			
85	Unit		**CSSU**				**BSSU**				**RLUU**			
86	**Waste Inventory**		Sq ft	500			Sq ft	27,470			Sq ft	18,160		
87			Gallons	1,500			Gallons	82,410			Gallons	54,480		
88														
89	**Decontamination**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
90	Labor		Hour	$45.00	16	$720.00	Hour	$45.00	48	$2,160.00	Hour	$45.00	48	$2,160.00
91	Labor		Hour	$70.00	8	$560.00	Hour	$70.00	24	$1,680.00	Hour	$70.00	16	$1,120.00
92	PPE & Supplies		Unit	$25.00	3	$75.00	Unit	$25.00	18	$450.00	Unit	$25.00	16	$400.00
93	Rinseate Disposal		Gallons	$0.18	1,500	$270.00	Gallons	$0.18	82,410	$14,833.80	Gallons	$0.18	54,480	$9,806.40
94	Transportation		Load	$3,600.00	0	$1,080.00	Load	$3,600.00	16	$59,335.20	Load	$3,600.00	11	$39,225.60
95	**Confirmatory Waste Sampling**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
96	Liquids (SA-7)		Number	$515.00	1	$515.00	Number	$515.00	1	$515.00	Number	$515.00	1	$515.00
97	Labor		Hours	$90.00	1	$90.00	Hours	$90.00	1	$90.00	Hours	$90.00	1	$90.00
98	**Subtotal**					**$3,310.00**				**$79,064.00**				**$53,317.00**
99														
100	**Soil Investigation**		Units	$/Unit	Volume	$	Units	$/Unit	Volume	$	Units	$/Unit	Volume	$
101	Soil Borings		$/ft (20ft)	Below	1		$/ft (20ft)	Below	8		$/ft (20ft)	Below	9	
102	Soil Samples		Number		4		Number		32		Number		36	
103	Analysis		Soil	$600.00	4	$2,400.00	Soil	$545.00	32	$17,440.00	Soil	$590.00	36	$21,240.00
104	Concrete Coring		$/ft (2ft)	Below	2		$/ft (2ft)	Below	14		$/ft (2ft)	Below	18	
105	Concrete Analysis		Chip	$380.00	1	$380.00	Chip	$380.00	4	$1,520.00	Chip	$380.00	5	$1,900.00
106	Analysis - Organic Vapor		Gas	$380.00	1	$380.00	Gas	$380.00	6	$2,280.00	Gas	$380.00	8	$3,040.00
107	Empty Drum Supply		Drum	$25.00	1	$25.00	Drum	$25.00	8	$200.00	Drum	$25.00	9	$225.00
108	Borings Disposal		Drum	$50.00	1	$50.00	Drum	$50.00	8	$400.00	Drum	$50.00	9	$450.00
109	Transportation		Load	$25.00	1	$25.00	Load	$25.00	8	$200.00	Load	$25.00	9	$225.00
110	**Subtotal**					**$3,260.00**				**$22,040.00**				**$27,080.00**
111														

	A	B	C	D	E
112	**Decon Miscellaneous**		**$/Unit**	**Unit/Day**	**Total**
113	Steam Cleaner		$3,500.00	1	$3,500.00
114	Detergent		$500.00	1	$500.00
115	Sample Supplies		$3.00	800	$2,400.00
116	PPE Supplies		$1,000.00	1	$1,000.00
117	Decon Containment Pools		$20.00	6	$120.00
118	**Subtotal**				**$7,520.00**
119					
120	**Drilling Vapor/Soil Investigatic**		**$/Unit**	**Unit/Day**	**Total**
121	Equipment Rental -P&ID		$150.00	11	$1,650.00
122	Drilling Subcontractor (flat rate)		$25,207.00	1	$25,207.00
123	Conduct Concrete Cutting/collec		$140.00	96	$13,440.00
124	Conduct Drilling& Collect Soil sa		$143.00	60	$8,580.00
125	Misc. expense		$5,000.00	1	$5,000.00
126	**Total**				**$53,877.00**
127					
128	**Engineering Oversight**		**$/Unit**	**Hours**	**Total**
129	Project planning		$170.00	40	$6,800.00
130	Prepare Mobilization		$140.00	40	$5,600.00
131	Site Visit		$170.00	120	$20,400.00
132	Conduct Geophysical Survey		$140.00	40	$5,600.00
133	Geophysics Survey Equipment		$1,500.00	5	$7,500.00
134	Conduct Soil Vapor Survey		$125.00	80	$10,000.00
135	Analyze Data		$170.00	80	$13,600.00
136	Write report		$170.00	80	$13,600.00
137	**Subtotal**				**$83,100.00**

Soil Remediation				
Volume	cuyd		100	
Soil Excavation	Fat rate	$2,500.00	1	$2,500.00
Labor Technician	Hour	$90.00	16	$1,440.00
Labor Supervisor	Hour	$70.00	8	$560.00
Analysis	Soil	$590.00	6	$3,540.00
Analysis (QAQC)	Soil	$590.00	1	$590.00
Soil Disposal	Ton	$100.00	100	$10,000.00
Soil Transportation	Bin	$750.00	6	$4,166.67
Analysis	Soil	$545.00	6	$3,270.00
Analysis (QAQC)	Soil	$590.00	3	$1,770.00
Total				**$27,836.67**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**WASTE - LIQUIDS**	**Metals CAM or RCRA TCLP**	**Volatile (Purgeable Organics)**	**Semi Volatiles**	**Total & Amenable Cyanides**	**Ignitable**	**pH Liquid**	**Specific Gravity**	**Normality**	**PCB**	**TPH**	**Glycol**	**Cost, $ /**	**Total**
2									**pH<2**				**Sample**	***Units**
3	**Method**	**EPA 6010**	**EPA 8260**	**EPA 8270**	**EPA 9010B**	**EPA 1010**	**EPA 150.1**			**EPA 8082**	**8015-M**	**8015-M / 8270C-M**		
4	**Cost, $/Test**	**$115**	**$80**	**$165**	**$110**	**$40**	**$5**	**$10**	**$10**	**$55**	**$45**	**$100**		
5	M-1	X	X	X	X		X	X	X	X	X		$595	$595
6	M-11	X	X	X	X		X	X	X	X	X		$595	$595
7	M-2	X	X	X	X		X	X	X	X	X		$595	$595
8	ABRS (4)	X	X	X	X		X	X	X				$495	$1,980
9	Non-Haz (3)	X					X	X					$130	$390
10	SWST (2)	X	X	X		X	X	X		X	X		$515	$1,030
11	STT (24)	X	X	X			X	X		X	X		$475	$10,925
12	BDT (2)	X					X	X					$130	$260
13	WPU (6)	X	X	X			X	X					$375	$2,250
14	WPS (10)	X	X	X			X	X					$375	$3,750
15	F-501												$0	$0
16	F-502												$0	$0
17	Acids -CRIU& CSUW	X					X	X	X				$140	$5,320
18	Non-Acids- CRIU & CSUW	X	X	X			X						$365	$18,250
19	Incineration - CSUW	X	X	X			X						$365	$2,190
20	CSSU												$0	$0
21	BSSU (30 x 20cuyd)												$0	$0
22	Rail Solid (2)												$0	$0
23	Rail Glycol	X					X	X				X	$130	$130
24	Rail Caustic	X	X	X			X	X					$375	$375
25	Rail Lean Water (2)	X	X	X			X	X					$375	$750
26	Rail Waste OIl	X	X	X		X	X	X		X	X		$515	$515

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
27	**Waste/Residue - SOLID/SLUDGES**	**Metals CAM or RCRA TCLP**	**Volatile (Purgeable Organics)**	**Semi Volatiles**	**Total & Amenable Cyanides**	**pH Solid**	**PCB**	**TPH**	**Glycol**	**Cost, $ / Sample**				
28	Method	EPA 6010	EPA 8260	EPA 8270	EPA 9010B	9045C	EPA 8082	8015-M	8015-M / 8270C-M					
29	Cost, $/Test	$115	$80	$165	$110	$15	$55	$45	$100					
30	M-1	X	X	X	X	X	X	X		$585				
31	M-11	X	X	X	X	X	X	X		$585				
32	M-2	X	X	X	X	X	X	X		$585				
33	ABRS (4)	X	X	X	X	X				$485				
34	Non-Haz (3)	X				X				$130				
35	SWST (2)	X	X	X		X	X	X		$475				
36	STT (24)	X	X	X		X	X	X		$475				
37	BDT (2)	X				X				$130				
38	WPU (6)	X	X	X		X				$375				
39	WPS (10)	X	X	X		X				$375				
40	F-501	X			X	X				$240				
41	F-502	X			X	X				$240				
42	Acids -CRIU & CSUW	X				X				$130				
43	Non-Acids- CRIU & CSUW	X	X	X		X		X		$420				
44	Incineration - CSUW	X	X	X		X				$375				
45	CSSU									$0				
46	BSSU (30 x 20 cuyd)	X			X	X				$240				
47	Rail Solid	X				X				$130				
48	Rail Glycol									$0				
49	Rail Caustic									$0				
50	Rail Lean Water									$0				
51	Rail Waste Oil	X	X	X		X	X	X		$475				
52	Inorganic Scrubber	X			X					$225				
53	Organic Scrubber	X	X	X						$360				
54														
55	**Vapor**	**Organic Gas**								**Cost, $ / Sample**				
56	**Method**	**EPA TO-14/15**												
57	**Cost, $/Test**	$300.00												
59	Soil	X								$300				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
61	**Soil**	**Metals CAM or RCRA TCLP**	**Volatile (Purgeable Organics)**	**Semi Volatiles**	**Total & Amenable Cyanides**	**pH Solid**	**PCB**	**TPH**	**Organo-chlorine Pesticides**	**Cost, $ / Samples**				
62	**Method**	EPA 6010	EPA 8260	EPA 8270	EPA 9010B	9045C	EPA 8082	8015-M	EPA 8081A					
63	**Cost, $/Test**	$115	$80	$165	$110	$15	$55	$60	$100					
65	Area A1	X	X	X	X	X	X	X	X	$700				
66	Area A2	X	X	X	X	X	X	X	X	$700				
67	Area B	X	X	X	X	X	X	X	X	$700				
68	Area C	X	X	X		X	X	X	X	$590				
69	Area D	X	X	X	X	X			X	$585				
70	CSUW Non-Acid	X	X	X	X	X	X	X	X	$700				
71	CSUW Acid	X			X	X				$240				
72	Area F	X	X	X	X	X				$485				
73	CRIU	X	X	X	X	X	X	X	X	$700				
74	CSSU	X	X	X	X	X	X	X		$600				
75	BSSU	X	X	X	X	X		X	X	$545				
76	RLUU	X	X	X		X	X	X	X	$590				
77	BDT & NH	X	X	X		X				$375				
78	**Wipe Samples**	**Metals CAM or RCRA TCLP**	**Semi Volatiles**	**TPH**	**Organo-chlorine Pesticides**	**PCB**				**Cost, $ / Sample**				
79	**Method**	EPA 6010	EPA 8270	8015-M	EPA 8081A	EPA 8082								
80	**Cost, $/Test**	$115	$165	$45	$100	$55								
81	All Except WPS, STT, SWST	X	X	X	X					$425				
82	WPS, STT, SWST ONLY	X	X	X	X	X				$480				
83	**Chip Samples**	**Metals CAM or RCRA TCLP**	**Semi Volatiles**	**TPH**	**PCB**					**Cost, $ / Sample**				
84	**Method**	EPA 6010	EPA 8270	8015-M	EPA 8082									
85	**Cost, $/Test**	$115	$165	$45	$55									
86	All	X	X	X	X					$380				

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
87	**RINSATE WATER**	**Metals CAM or RCRA TCLP**	**Volatile (Purgeable Organics)**	**Semi Volatiles**	**pH Liquid**	**TPH**	**Organo-chlorine Pesticides**	**Cost, $ /**						
88	**Method**	**EPA 6010**	**EPA 8260**	**EPA 8270**	**EPA 150.1**	**8015-M**	**EPA 8081A**							
89	**Cost, $/Test**	**$115**	**$80**	**$165**	**$10**	**$45**	**$100**							
91	M-1	X	X	X	X		X	$125						
92	M-11	X	X	X	X		X	$125						
93	M-2	X	X	X	X		X	$125						
94	ABRS (4)	X	X	X	X		X	$125						
95	Non-Haz (3)	X			X			$125						
96	SWST (2)	X	X	X	X	X	X	$515						
97	STT (24)	X	X	X	X	X	X	$515						
98	BDT (2)	X			X			$125						
99	WPU (6)	X	X	X	X			$370						
100	WPS (10)	X	X	X	X	X	X	$515						
101	F-501	X	X	X	X			$370						
102	F-502	X	X	X	X			$370						
103	CSSU	X	X	X	X	X	X	$515						
104	BSSU (30 x 20cuyd)							$0						
105	Rail Solid							$0						
106	Rail Glycol							$470						
107	Rail Caustic	X	X	X	X		X	$470						
108	Rail Lean Water	X	X	X	X		X	$470						
109	Rail Waste OIl	X	X	X	X	X		$415						
110	**Containment Rinseate**													
111	Area A1	X	X	X	X	X	X	$515						
112	Area A2	X	X	X	X	X	X	$515						
113	Area B & C	X	X	X	X	X	X	$515						
114	Area D	X	X	X	X	X	X	$515						
115	Area E Non-Acid (CSUW)	X	X	X	X	X	X	$515						
116	Area E Acid (CSUW)	X			X			$125						
117	Area F	X	X		X		X	$305						
118	CRIU	X	X	X	X	X	X	$515						
119	CSSU	X	X	X	X	X	X	$515						
120	BSSU	X	X	X	X	X	X	$515						
121	RLUU	X	X	X	X	X	X	$515						
122	BDT & NH	X			X			$125						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
123														

FACILITY NAME	EPA ID No.	ADDRESS & PHONE #	Type of Waste	Services	Quantity	Pricing	Distance from DKE (miles)
Clean Harbors Services, Kimball	NED981723513	5 Miles South of Kimball on Highway 71 Kimball, NE 69145 (608)235-4012	RCRA Liquids Non-RCRA Liquids Non-RCRA Solids RCRA Solids	Incineration Incineration	Drum (55 gal.) Box (cu.yd.) Bulk: Vacuum Truck Durm (55 gal.) Box (cu.yd.)	$270.00/drum $920.00/box $1.40/gallon $195.00/drum $580.00/box	1,165
Chemical Waste Management	CAT000646117	35251 Old Skyline Road Kettleman City, CA 93239 (559)386-9711	RCRA Solids Non-RCRA Solids	Stabilization/Landfill Landfill	Bulk: 20 cu.yd. Bin Bulk: 20 cu.yd. Bin	$100.00/ton $40.00/ton	180
Crosby & Overton	CAD028409019	1630 W. 17th Street Long Beach, CA 90813 (562) 432-5445	RCRA Liquids RCRA Solids Non-RCRA Solids Non-RCRA Liquids	Treatment/Recycle Landfill Landfill Treatment/ Recycle	Bulk: Vacuum Truck or Drums Bulk: Vacuum Truck or Drums	$0.68/gal. $0.55/gal.	18
DeMenno/Kerdoon	CAT080013352	2000 North Alameda Compton, CA 90222 (310)537-7100	RCRA Liquids Non-RCRA Liquids	Recycle Recycle	Bulk: Vacuum Truck or Drums Bulk: Vacuum Truck or Drums	$0.25/gal. + 1.25/gal solid surcharge $0.10/gal.+ 1.25/gal solid surcharge	12
East Carbon Development	UTC093012201	1111 West Highway 123 East Carbon, UT 84520 (800)444-4451	Non-RCRA Solids Non-RCRA Solids Non-RCRA Solids	Recycle/Cover Landfill Landfill	Bulk: 20 cu.yd. Bin Rail/Gondola 150 cuyd Bulk: 20 cu.yd. Bin	$60.00/ton $5,110 /Gondola T&D $60.00/ton	725
Ensco El Dorado	ARD069748192	309 American Circle El Dorado, AR 71730 (870)863-7173	RCRA Solids Caustic Sludge Caustic Sludge Non-RCRA Solids	Incineration Treatment Treatment Incineration	Drum (55 gal.) Box (cu.yd.) Drum Durm (55 gal.) Box (cu.yd.)	$295.00/drum $800.00/box $325.00/Drum or $1,200/ton $100.00/drum $600.00/box	1,681
Kinsbursky Brothers	CAD088504881	1314 North Lemon Anaheim, CA 92801 (714)738-8516	RCRA Solids (Pb Acid Batteries) RCRA Solids (NiCd Batteries)	Recycle Recycle	Drum Drum	$0.30/lb $0.45/lb	23
Pollution Control/GEM Rancho Cordova	CAD980884183	11655 White Rock Road Rancho Cordova, CA 95742 (916)351-0980	RCRA Solids Non-RCRA Solids	Stabilization/Landfill Landfill	Bulk: 20 cu.yd. Bin Bulk: 20 cu.yd. Bin	$100.00/ton $40.00/ton	404
Ross Incineration Services, Inc.	OHD048415665	36790 Giles Road Grafton, OH 44044 (440)748-2171	RCRA Liquids RCRA Solids	Incineration Incineration	Drum (55 gal.) Box (cu.yd.) Drum (55 gal.) Box (cu.yd.)	$120.00/drum $500.00/box $120.00/drum $580.00/box	2,331

Table 5
Off-Site Facilities

Systech Environmental Corp.	KSD980633259	1420 South Cement Road Fredonia, KS 66736 (620)378-4451	RCRA Liquids RCRA Fuels Glycol	Fuel Blend	Bulk: Vacuum Truck Bulk: 18,000 gal. Tank Railcar	$0.70/gal. $0.10/gal. $0.04/gal.	1,562
TM Corpus Christi Services, LLC	TXR000001016	6901 Greenwood Corpus Christi, TX 78415 (361)852-8284	RCRA Liquids, D002 pH.12.5 RCRA Liquids, Neutral, Lean Water	Treatment Treatment	Bulk: Vacuum Truck Bulk: 18,000 gal. Tank Railcar	$0.25/Gallon $0.18/Gallon	1,500
TM Deer Park Services, LLC	TXD000719518	2525 Battleground Road Deer Park, TX 77536 (281)930-2540	RCRA Liquids, D002 pH.12.5 RCRA Liquids, Neutral, Lean Water	Treatment Treatment	Bulk: Vacuum Truck Bulk: 18,000 gal. Tank Railcar	$0.25/Gallon $0.18/Gallon	1,565
U.S. Ecology	NVT330010000	Highway 95 - 12 Miles South of Beatty Beatty, NV 89003 (775)553-2203	RCRA Solids, Including DOT Corrosive RCRA Solids For Stabilization D004-D011 RCRA Solids for Stabilization F006-19 + D004-D011 RCRA Debris Non-RCRA Solids	Stabilization/Landfill Stabilization/Landfill Stabilization/Landfill Stabilization/Landfill Landfill	Bulk: 20 cu.yd. Bin Bulk: 20 cu.yd. Bin Bulk: 20 cu.yd. Bin Bulk: 20 cu.yd. Bin Bulk: 20 cu.yd. Bin	$80.00/ton $90.00/ton . $100.00/ton . $100.00.00/ton $40.00/ton	314
U S Filter Recovery Services	CAD097030993	5375 South Boyle Avenue Los Angeles, CA 90058 (800)266-7747	Strong Acids Medium Acids Neutral/Metals Liquids	Treatment Treatment Treatment	Bulk: Vacuum Truck	$150.00/Gallon $1.05/Gallon $0.60/Gallon	2

Transporter	EPA ID #	Address	Phone #	Mode of Transport
Asbury Environmental Services	CAD028277036	2100 N. Alameda Street Compton, CA 90222	(310) 886-3400	Highway
Burlington Northern Santa Fe	MND048341788	176 E. 5th Street St. Paul, MN 55101	(651) 298-2121	Rail
Ecology Control Industries	CAD982030173	20846 Normandie Ave. Torrance, CA 90502	(310) 320-2555	Highway
Island Environmental Services, Inc.	CAR000053405	3359 W. Pomona Bl. Pomona, CA 91768.	(909) 598-4449	Highway
J. Torres	CAD980887046	6407 Parsons Way Bakersfield, CA 93307	(661)8322635	Highway
O.C. Vacuum	CAT080032253	5900 Cherry Avenue Long Beach, CA 90805	(562) 984-8178	Highway
Odyssey Transportation	CAD087210019	18405 S. Main St. Gardena, CA 90248	(310) 768-3336	Highway
Union Pacific Transportation	NED001792910	1200 Corporate Center Monterey Park, CA 91754	(800) 877-5123	Rail
United Pumping Service, Inc.	CAD072953771	14016 East Valley Blvd. City of Industry, CA 91746	(626)961-9326	Highway
WBR Transportation	CAR000121731	2240 Newport Blvd. Newport Beach, CA 92663	(949)679-1247	Highway

Waste Management Units	Abbreviation	Day Completed	Tank Status	Tank Numbers
M-1 Treatment Unit	M-1	30	Empty/Decon	Area F = M-1
M-2 Treatment Unit	M-2	30	Empty/Decon	Area F = M-2
M-11 Treatment Unit	M-11	30	Empty/Decon	Area D = M-11
F-501 Treatment Unit	F-501	30	Empty/Decon/Sampled	Area D= F-501
F-502 Treatment Unit	F-502	30	Empty/Decon	Area A = F-502
Wastewater Physical Separation Unit	WPS	30	Polys: Empty/Decon. Metal: Empty/Decon/Sampled	Area B = DAF-401, CPI-401, CPI-402, D-401, D-402, D-403, D-404, D-702, D-705, T-725, D-728, CF-1, & Area C= Sump 10(PP-010)
Wastewater Polishing Unit	WPU	30	Empty/Decon/Sampled	Area B = CA-401, CA-402, KS-1, KS-2, CA-1, CA-2
Batch Discharge Tanks	BDT	30	Empty/Decon/Sampled	Area A = T-320 & T-321
Solvent Wastewater Storage & Treatme	SWST	30	Empty/Decon/Sampled	Area C = T-103 & T-104
Storage & Treatment Tanks	STT	60	Poly: empty/decon. Metal: Empty/Decon/Sampled	Area A = 309, 310, 311, 312 Area B= 761A, 761B, 762 Area C= 001, 101, 102, 201, 202, 780 Area D = 203, 204, 210, 306, 307, 308, 720, 720A, 721
Acid Bulk Receiving & Storage	ABRS	30	Empty/Decon	Area E = M-3, M-4, M-5, M-6
Container Receiving & Inspection Unit	CRIU	10	Empty	Receiving Pad
Container Storage Unit West	CSUW	10	Empty	Area E = Warehouse
Consolidation of Solids & Sludges Unit	CSSU	30	Empty	Drum Crusher, Mixer, Hoppers
Bulk Solids Storage Unit	BSSU	60	Empty	Bins 30 x 20 cuyds
Vapor Recovery	Vapor Recovery	60	Empty/Decon	Area D = Inorganic = 710, 706, 708(reagent) Area B = Organic = 711, 707, 709(reagent) & TOX 700 (thernal Oxidizer)
Remaining Containments and Pads	N/A	75		
Remaining Soil Sampling & Cleanup	N/A	90		
Closure Report	N/A	120		

Table 8
Tank/Vessel/Ancillary Equipment Table (Initial)

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
M-1 Treatment Unit	M-1	N/A	15,175	YES							FRP
					Pumps						
					P-100A	3x2x8	250	45	Centrifugal	M-1 Circulation pump	316 S.S
					CP-101	1x1	45	100	Air Diaphragm	Reagent injection (SBS/Acid) pump	Polypropylene
					Valves						
						3"			Butterfly	Circulation pump suction/discharge valve	Schd.80 PVC
						3"			Ball	Process line block valve at tank nozzle	Schd.80 PVC
						1"			Ball	Reagent injection pump suction/disch. Valve	Schd.80 PVC
						½"			Ball	Process sample point	Schd.80 PVC
						3"			Swing Check	Circulation pump discharge line	Schd.80 PVC
						3"			Ball Check	Process line	Schd.80 PVC
						2"			Ball Check	Process transfer line	Schd.80 PVC
						1"			Ball Check	Reagent injection line	Schd.80 PVC
					Flanges						
						3"				Process Line Connections	Schd.80 PVC
						3"				Circulation Line Connections	Schd.80 PVC
						1"				Reagent injection line connection	Schd.80 PVC
					Pipe Line						
						3"			Process	Transfer Line	Schd.80 PVC
						3"			Circulation	Tank Circulation	Schd.80 PVC
						2"			Process	Transfer Line	Schd.80 PVC
						1"			Process	Reagent injection	Schd.80 PVC
					Instrumentation						
					Krouger and Eckels Instrument					pH Control & ORP Indicator	316 SS
					High-Tech Level Control					Level Gauge (Ultrasonic)	316 SS
					Ashcroft, Weksler					Process Pressure Gauge Indicator	316 SS

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
M-2 Treatment Unit	M-2	N/A	20,000	YES							FRP
					Pumps						
					P-102	2x2	150	100	Air Diaphragm	Portable Transfer Pump	Polypropylene
					Valves						
						3"			Butterfly	Process line/transfer line block valves	Schd.80 PVC
						3"			Ball	Process line/transfer line block valves	Schd.80 PVC
						½"			Ball	Process sample point	Schd.80 PVC
						3"			Ball Check	Process line	Schd.80 PVC
						2"			Ball Check	Process transfer line	Schd.80 PVC
					Pipe Line						
						3"			Process	Transfer Line	Schd.80 PVC
						2"			Process	Transfer Line	Schd.80 PVC
					Flanges						
						3"				Process line connections	Schd.80 PVC
						2"				Process transfer line connection	Schd.80 PVC
					Instrumentation						
					Ashcroft, Weksler					Process Pressure Gauge Indicator	316 SS

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
M-11	M-11	N/A	17,756	YES							FRP
Treatment Unit					**Pumps**						
					P-300A	3x2x8	250	45	Centrifugal	M-11 Circulation Pump	316 S.S
					P-300B	2x2	150	100	Air Diaphragm	M-11/M-1 Feed pump	Polypropylene
					CP-100	1X1	45	100	Air Diaphragm	Reagent injection	Polypropylene
					CP-101	1x1	45	100	Air Diaphragm	Reagent injection	Polypropylene
					Valves						
						3"			Butterfly	Circulation pump suction/discharge valve	Schd.80 PVC
						3"			Ball	Process line/transfer line block valves	Schd.80 PVC
						2"			Butterfly	Transfer pump suction/disch. Valve	Schd.80 PVC
						1"			Ball	Reagent injection pump suction/disch. Valve	Schd.80 PVC
						½"			Ball	Process sample point	Schd.80 PVC
						3"			Swing Check	Circulation pump discharge line	Schd.80 PVC
						3"			Ball Check	Process line	Schd.80 PVC
						2"			Ball Check	Process transfer line	Schd.80 PVC
						1"			Ball Check	Reagent injection line	Schd.80 PVC
					Pipe Line						
						3"			Process	Transfer Line	Schd.80 PVC
						3"			Circulation	Tank Circulation	Schd.80 PVC
						2"			Process	Transfer Line	Schd.80 PVC
						1"			Process	Reagent injection	Schd.80 PVC
					Flanges						
						3"				Process line connections	Schd.80 PVC
						3"				Circulation line connections	Schd.80 PVC
						2"				Process transfer line connection	Schd.80 PVC
						1"				Reagent injection line connections	Schd.80 PVC
					Hoses						
						2"			Chemical	Load/unload	Polyethylene
						3"			Chemical	Load/unload	Polyethylene
					Strainer						
						8x32			Basket	P-300B Suction	316 SS
					Instrumentation						
					Krouger and Eckels Instrument					pH Control & Indicator	316 SS
					High Tech Level Control					Level Gauge (Ultrasonic)	316 SS
					Ashcroft, Weksler					Process Pressure Gauge Indicators	316 SS

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
F-501	N/A	N/A	57 cu.ft.	N/A	F-501						Mild Steel
Treatment Unit					**Pumps**						
					P-600A	3x3	235	100	Air Diaphragm	Filter press feed pump F-501 &F-502	Carbon Steel
					Valves						
						2"			Ball	Sludge feed line	Schd. 80 PVC
						2"			Butterfly	Filtrate outlet at filter press	Carbon Steel
						¾"			Ball	Air supply to filter plate chambers	Carbon Steel
						½"			Ball	Sludge feed pump discharge bleed valve	Schd. 80 PVC
					Flanges						
						2"				Sludge feed line connections	Schd. 80 PVC
						2"				Filtrate transfer line connections	Schd. 80 PVC
					Pipeline						
						2"			Process	Sludge feed line	Schd. 80 PVC
						2"			Process	Filtrate transfer line	Schd. 80 PVC
F-502	N/A	N/A	60 cu.ft.	N/A	F-502						Mild Steel
Treatment Unit					**Pumps**						
					P-600B	3x3	235	100	Air Diaphragm	Filter press feed pump	Carbon Steel
					Valves						
						3"			Ball	Sludge feed line	Schd. 80 PVC
						2"			Ball	Filtrate outlet at filter press	Schd. 80 PVC
						¾"			Ball	Air supply to filter plate chambers	Schd. 80 PVC
						½"			Ball	Sludge feed pump discharge bleed valve	Schd. 80 PVC
					Flanges						
						3"				Sludge feed line connections	Schd. 80 PVC
						3"				Filtrate transfer line connections	Schd. 80 PVC
					Pipeline						
						3"			Process	Sludge feed line	Schd. 80 PVC
						3"			Process	Filtrate transfer line	Schd. 80 PVC

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
Wastewater Physical Separation Unit	N/A	E-430 (CPI-401)	4,985	YES							Mild Steel
	N/A	E-400 (CPI-402)	4,985	YES							Mild Steel
	N/A	E-450 (DAF-401)	5,138	YES							Mild Steel
	N/A	D-401	300	YES							Mild Steel
	N/A	D-402	500	YES							Mild Steel
	N/A	T-402 (T-403)	526	YES							CLP
	N/A	T-401 (T-404)	1,163	YES							carbon steel
	N/A	T-702 (D-702)	1,163	YES							carbon steel
	N/A	D-705 (T-705)	350	YES							FRP
	N/A	T-728	1,870	YES							FRP
	N/A	T-725	649	YES							CLP
	N/A	CF-1	778	Yes							FRP
					Pumps						
					P-900	3x3x5	285	22	Centrifugal	PP-010 transfer pump to T-725	Carbon Steel
					P-901	3x2x5	200	45	Centrifugal	D-705 Effluent transfer pump	Carbon Steel
					P-902	2x2	150	100	Air Diaphragm	DAF-401 Sludge transfer pump	Carbon Steel
					P-903	2x2	150	100	Air Diaphragm	D-402 Sludge transfer pump	Carbon Steel
					P-905	2x2	150	100	Air Diaphragm	CPI 401 Sludge transfer pump	Carbon Steel
					P-906	3x2x5	200	45	Centrifugal	D-702 Effluent transfer pump	Carbon Steel
					P-907	2x2	150	100	Air Diaphragm	CPI 402 Sludge transfer pump	Carbon Steel
					P-908	3x2x5	200	45	Centrifugal	D-404 Effluent transfer pump	Carbon Steel
					P-909	3x2x5	150	60	Centrifugal	Recycle H_2O from D-705 to D-401	Carbon Steel
					CP 900	¾ x ½	1.5	350	Metering	Reagent injection to T-725 feed	316 SS
					CP 901	⅜ x ⅜	8 GPH	100	Metering	Reagent injection to D-728 feed	Polypropylene
					CP 902	⅜ x ⅜	20 GPH	100	Metering	Reagent injection to CPI-401(E-430)	Polypropylene
					CP 903	⅜ x ⅜	20 GPH	100	Metering	Reagent injection to CPI-401(E-430)	Polypropylene
					CP 904	⅜ x ⅜	20 GPH	100	Metering	Reagent injection to CPI-401(E-430)	Polypropylene
					Valves						
						4"			Ball	Process transfer block valves	Schd. 80 PVC
						4"			Butterfly	Process transfer block valves	Schd. 80 PVC
						3"			Ball	Process transfer block valves	Schd. 80 PVC
						3"			Butterfly	Process transfer block valves	Schd. 80 PVC
						2"			Ball	Process transfer block valves	Schd. 80 PVC
						2"			Butterfly	Process transfer block valves	Schd. 80 PVC
						1"			Ball	Process transfer block valves	Schd. 80 PVC
						¾"			Ball	Reagent and sample points	Schd. 80 PVC
						½"			Ball	Reagent and sample points	Schd. 80 PVC

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
						3"			Swing check	Process and transfer pumps discharge	Schd. 80 PVC

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
						3"			Ball check	Process and transfer pumps discharge	Schd. 80 PVC
						2"			Swing check	Process and transfer pumps discharge	Schd. 80 PVC
						2"			Ball check	Process and transfer pumps discharge	Schd. 80 PVC
						1"			Ball check	Process and transfer pumps discharge	Schd. 80 PVC
						¾"			Ball check	Reagent transfer line block valve	Schd. 80 PVC
						½"			Ball check	Reagent transfer line block valve	Schd. 80 PVC
					Flanges						
						6"				Process transfer line connection	Schd. 80 PVC
						4"				Process line & transfer line connection	Schd. 80 PVC
						3"				Process line & transfer line connection	Schd. 80 PVC
						2"				Process line & transfer line connection	Schd. 80 PVC
						1"				Sample point connections	Schd. 80 PVC
					Pipe line						
						6"				Process line	Schd. 80 PVC
						4"				Pump Suction line	Schd. 80 PVC
						3"				Process/Transfer line	Schd. 80 PVC
						2"				Process/Transfer line	Schd. 80 PVC
						1"				Process/Transfer line	Schd. 80 PVC
						¾"				Reagent injection/transfer line	Schd. 80 PVC
						½"				Reagent injection/transfer line	Schd. 80 PVC
					Instrumentation						
					Rosemount Analytical Instrument					pH Control & Indicator	316 SS
					Krouger and Eckels Instrument					pH Control & Indicator	316 SS
					Signet Instrument					pH Control & Indicator	316 SS
					Signet Instruments					Process Flow Indicator	316 SS
					Square D Electric					High Level Alarm/Process Pumps Control	316 SS
					Ashcroft, Weksler & Ametek Dial					Process Pressure Gauge Indicator	316 SS

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
	N/A	CA-401	150 cu.ft.	YES							Mild Steel
Wastewater	N/A	CA-402	150 cu.ft.	YES							Mild Steel
Polishing Unit	N/A	KS-1	113 cu.ft.	YES							Mild Steel
	N/A	KS-2	113 cu.ft.	YES							Mild Steel
	N/A	CA-1	178 cu.ft.	YES							Mild Steel
	N/A	CA-2	178 cu.ft.	YES							Mild Steel
					Valves						
						3"			Ball	Process line block valve	Schd. 80 PVC
						2"			Ball	process line block valve	Schd. 80 PVC
						3"			Butterfly	Process line bloc valve	Schd. 80 PVC
						¾"			Ball	Sample point Drain valve	Schd. 80 PVC
						3"			Ball check	Process line flow	Schd. 80 PVC
						2"			Ball check	Process line flow	Schd. 80 PVC
					Flanges						
						3"				Process line connections	Schd. 80 PVC
						2"				Process line connections	Schd. 80 PVC
					Pipeline						
						3"			Process	Carbon Adsorbers inlet/outlet	Schd. 80 PVC
						2"			Process	Backwash water feed	Schd. 80 PVC
						½"			Process	Sample point	Schd. 80 PVC
	T-103	N/A	11,838	YES							Carbon Steel
Solvent	T-104	N/A	11,838	YES							Carbon Steel
Wastewater					**Pumps**						
Storage &					P-1200	3x3	250	100	Air Diaphragm	Portable Transfer pump	Carbon Steel
Treatment Unit					**Valves**						
						4"			Gate	Tank bottom side block valve	150# steel
						3"			Gate	Tank bottom side block valve	150# steel
						3"			Butterfly	Transfer line block valve	Schd. 80 PVC
						2"			Gate	Tank side draw block valve	150# steel
						½"			Ball	Tank sample drain valve	Steel
					Flanges						
						4"				Process line at tank	150# steel
						3"				Process line connections	150# steel
						3"				Process line connections	Schd. 80 PVC
						2"				Process line connections	150# steel
					Pipeline						
						3"			Process	Transfer line	Schd. 80 PVC
						3"			Process	Transfer line	ASTM A53 Steel
						½"			Process	Sample point	Steel
					Hoses						
						3"			Petroleum	Transfer hose	Nitrile Synthetic Rubber
						2"			Petroleum	Transfer hose	Nitrile Synthetic Rubber
					Instrumentation						
					Ashcroft Weksler - Dial Indicator					Pressure Gauge	316 SS
	T-720A	N/A	2,937	YES							FRP

Table 8
Tank/Vessel Inventory

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
Storage & Treatment Tanks	T-001	N/A	6,000	YES							CLP
	T-720	N/A	6,000	YES							CLP
	T-201	N/A	11,838	YES							Carbon Steel
	T-204	N/A	11,838	YES							Carbon Steel
	T-210	N/A	11,838	YES							Carbon Steel
	T-202	N/A	32,882	YES							Carbon Steel
	T-308	N/A	16,065	YES							Carbon Steel
	T-309	N/A	16,800	YES							Carbon Steel
	T-310	N/A	16,800	YES							Carbon Steel
	T-311	N/A	2,725	YES							FRP
	T-312	N/A	2,725	YES							FRP
	T-761A	N/A	1,450	YES							CLP
	T-761B	N/A	1,000	YES							CLP
	T-762	N/A	1,450	YES							CLP
	T-780	N/A	11,838	YES							Carbon Steel
	T-721	N/A	6,409	YES							FRP
	T-203	N/A	16,065	YES							Carbon Steel
	T-101	N/A	16,065	YES							Carbon Steel
	T-102	N/A	16,065	YES							Carbon Steel
	T-306	N/A	16,065	YES							Carbon Steel
	T-307	N/A	16,065	YES							Stainless Steel
					Pumps						
					P-1101	3x2x5	150	45	Centrifugal	T-101/T-102 Circulation & Discharge	Carbon Steel
					P-1102	3x2x5	200	35	Centrifugal	T-306/T-307 Circulation & Discharge	316 SS
					P-1300	3x2x5	200	45	Centrifugal	Process circulation/transfer	Carbon Steel
					P-1301	3x2x6	200	60	Centrifugal	Process transfer	Carbon Steel
					P-1302	3x2x5	200	45	Centrifugal	Process transfer	Carbon Steel
					P-1302A	3x3	250	100	Air Diaphragm	Portable Transfer pump	Carbon Steel
					Valves						
						3"			Ball	Process/Transfer line	Schd. 80 PVC
						3"			Butterfly	Pump suction/discharge	Schd. 80 PVC
						2"			Ball	Process/Transfer line	Schd. 80 PVC
						1"			Ball	Process/Transfer line	Schd. 80 PVC
						½"			Ball	Reagent Injection Line	Schd. 80 PVC
						3"			Gate	Block valve at tanks	150# Carbon
						3"			Ball Check	Process/transfer line	150# Carbon
						3"			Swing Check	Pump discharge	150# Carbon
						2"			Ball Check	Process/Transfer line	150# Carbon
						1"			Ball Check	Process/Transfer line	150# Carbon

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
						½"			Ball Check	Reagent injection line	150# Carbon Steel
					Flanges						
						3"			Process	Process/transfer line connection	Schd. 80 PVC
						2"			Process	Process/transfer line connection	Schd. 80 PVC
						1"			Process	Process/transfer line connection	Schd. 80 PVC
					Pipeline						
						3"				Process/transfer line	Schd. 80 PVC
						2"				Process/transfer line	Schd. 80 PVC
						1"				Process/transfer line	Schd. 80 PVC
					Transfer Hose						
						3"			Petroleum	Process transfer	Nitrile Synthetic Rubber
						2"			Petroleum	Process transfer	Nitrile Synthetic Rubber
					Strainer						
						8x32			Basket	Pump suction	Carbon Steel
					Instrumentation						
					Rosemount Instruments					Level Indicator/Level Gauge	316 SS
					Square D Electric					High Level Alarm	316 SS
					High Tech Level Control					High Level Alarm	316 SS
					Ashcroft, Weksler - Dial Indicator					Pressure Gauge	316 SS
	M-3	N/A	8,808	YES							FRP

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
Acid Bulk	M-4	N/A	8,808	YES							FRP
Receiving & Storage	M-5	N/A	5,261	YES							FRP/Carbon steel
	M-6	N/A	3,876	YES							FRP
					Pumps						
					P-1400	2x2	150	100	Air Diaphragm	Tanks Circulation/transfer pump	Polypropylene
					P-1401	2x2	150	100	Air Diaphragm	Tanks Circulation/transfer pump	Polypropylene
					Valves						
						3"			Ball	Tanks isolation/block valves	Schd. 80 PVC
						3"			Butterfly	Transfer line block valves	Schd. 80 PVC
						2"			Ball	Process line block valves	Schd. 80 PVC
						2"			Butterfly	Transfer pump discharge block valve	Schd. 80 PVC
						¾"			Ball	Sample point	Schd. 80 PVC
						½"			Ball	Sample point drain valve	Schd. 80 PVC
						3"			Ball Check	Transfer line	Schd. 80 PVC
						3"			Swing Check	Transfer line	Schd. 80 PVC
						2"			Ball Check	Process line	Schd. 80 PVC
						2"			Swing Check	Transfer pump discharge	Schd. 80 PVC
					Flanges						
						3"				Process transfer line connection	Schd. 80 PVC
						2"				Process transfer line connection	Schd. 80 PVC
					Pipeline						
						3"				Process transfer line	Schd. 80 PVC
						2"				Process transfer line	Schd. 80 PVC
					Hoses						
						3"			Chemical	Load/unload/transfer	Polyethylene
						2"			Chemical	Load/unload/transfer	Polyethylene
					Strainer						
						8x32			Basket	Pump Suction Strainer	316 SS
					Instrumentation						
					Rosemount Instruments					Level Indicator/Level Gauge	316 SS
					Ashcroft, Weksler - Dial Indicator					Pressure Gauge	316 SS

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
	N/A	C-710	47	N/A					Packed Bed	Caustic Scrubber - Inorganic System	
Vapor Recovery System		D-706	150	N/A						Caustic Recirculation/Bleed Drum	
		D-708	200	N/A						Causti Make-up (Reagent) to C-710	
					Pumps						
					AP-700	¾x½x3	26	15	Centrifugal	Caustic Solution Circulation Pump	
					AP-701	1x1	45	100	Air Diaphragm	Causti bleed pump	Steel
					AP-702	1,000 CFM			Centrifugal	Caustic scrubber Exhaust Blower	Steel
					AP-703	3/8x3/8	15 GPD	100	Metering Pump	pH Control - Caustic injection	
					Valves						
						4"			Butterfly	Process Vent	PVC
						3"			Ball	Process Vent	Polyethylene
						2			Ball	Process Vent	Polyethylene
					Flanges						
						8"				Scrubber inlet	PVC
						4"				Scrubber outlet	Polypropylene
						3"				Process vent connections	Steel
						2"				Process vent connections	Polypropylene
					Pipeline						
						8"			Process	Scrubber inlet	Schd. 80 PVC
						4"			Exhaust	Scrubber outlet	Schd. 80 PVC
						3"			Process	Process vent	Schd. 80 PVC
						2"			Process	Process vent	
						1"			Process	Caustic circulation	Schd. 80 PVC
											Schd. 80 PVC
		TOX-700	1.0 mmbtu/hr	N/A						Thermal Oxidizer	Schd. 80 PVC
		C-711	47	N/A					Packed bed	Caustic scrubber - Organic System	Schd. 80 PVC

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
		D-707	55	N/A						Caustic recirculation/Bleed Drum	
		D-709	3.5	N/A						Caustic Make-up (Reagent) to C-711	Schd. 80 PVC
					Pumps						Schd. 80 PVC
					AP-704	¾x½x3			Centrifugal	Caustic Solution Circulation Pump	Schd. 80 PVC
					AP-705	1x1			Air Diaphragm	Causti bleed pump	Schd. 80 PVC
					AP-706	1,000 CFM			Centrifugal	Caustic scrubber Exhaust Blower	Schd. 80 PVC
					AP-707	3/8x3/8			Metering Pump	pH Control - Caustic injection	
					AP-708	3,000 CFM			Centrifugal	Thermal Oxidizer air blower	Steel
					Valves						PVC
						4"			Butterfly	Process Vent	Polyethylene
						3"			Ball	Process Vent	Polyethylene
						2			Ball	Process Vent	
					Flanges						PVC
						8"				Scrubber inlet	Polypropylene
						4"				Scrubber outlet/TOX inlet	Steel
						3"				Process vent connections	Polypropylene
						2"				Process vent connections	Steel
					Pipeline						
						8"			Process	Scrubber inlet	Schd. 80 PVC
						4"			Exhaust	Scrubber outlet	Schd. 80 PVC
						3"			Process	Process vent	Schd. 80 PVC
						2"			Process	Process vent	
						1"			Process	Caustic circulation	Schd. 80 PVC

Hazardous Waste Management Units	Tank #	Vessel #	Tank/ Vessel Volume	Certificate in File	Ancillary Equipment						
					Equipment	Size	Capacity (GPM)	TDH (PSIG)	Type	Description	Material of Construction
	T-726	N/A	2,700	YES							CLP
Bulk Reagent Tank System	T-727	N/A	2,700	YES							CLP
	T-741	N/A	2,700	YES							CLP
	T-742	N/A	2,700	YES							CLP
	T-791	N/A	5,000	YES							CLP
	T-792	N/A	3,750	YES							CLP
	T-793	N/A	2,560	YES							CLP
	D-400	Air		N/A							Carbon Steel
	T-750	Water		N/A							CLP
	T-760	Water		N/A							CLP
	Silo 600	Reagent Kiln Dust		N/A							Carbon Steel
	Portable Totes	Reagent	3 totes	N/A							CLP
					Pumps						
					CP-1100	1x1	45	100	Air Diaphragm	Process Reagent Transfer Pump	CLP
					CP-1101	1x1	45	100	Air Diaphragm	Process Reagent Transfer Pump	CLP
					CP-1102	1x1	45	100	Air Diaphragm	Process Reagent Transfer Pump	CLP
					CP-1103	1½ x1¼ x4	38	26	Centrifugal	Process Reagent Transfer Pump	CLP
					Valves						CLP
						3"			Ball	Reagent tanks fill line block valve	CLP
						2"			ball	Reagent tanks outlet block valve	Carbon Steel
						1"			ball	Reagent transfer line block valves	CLP
						½"			ball	Reagent transfer pump sample	
					Flanges						Polyproylene
						3"				Reagent fill line connection	Polyproylene
						2"				Reagent pumps suction line	Polyproylene
						1"				Reagent pumps discharge & transfer	316 SS
					Pipeline						
						3"			Chemical transfer	Reagent fill line	Schd. 80 PVC
						2"			Process	Reagent pumps suction	Schd. 80 PVC
						1"			Process	Reagent transfer	Schd. 80 PVC
						½"			Process	Reagent injection	Schd. 80 PVC
					Instrumentation						
					High Tech Technologies					Level Indicator/Level Gauge	Schd. 80 PVC
											Schd. 80 PVC
					Ashcroft, Weksler - Dial Indicator					Pressure Gauge	Schd. 80 PVC

Sump ID	Initial Primary Service	Initial HWMU	Initial Area	Diameter Feet	S-S Ht. Ft.	Capacity Gallons	Destination	Tank Status
Sump 1	Containment	Containment	D			470		Empty
Sump 2	Containment (Filled in)	Containment	B				Filled w/concrete	Empty
Sump 3	Containment	Containment	B			345		Empty
Sump 4	Containment	Containment	C			478		Empty
Sump 5	Non-Hazardous	Non-Hazardous	A			6,579	Remove	Empty
Sump 6	Containment	Containment	CSUW - Non Acid				Leave in place	Empty
Sump 7	Containment	Containment	CSUW - Non Acid			745	Leave in place	Empty
Sump 8	Containment	Containment	CSUW - Non Acid			54	Leave in place	Empty
Sump 9	Containment (Filled in)	Containment	CSUW - Reagent			45	Filled w/concrete	Empty
Sump 10	(PP-010) Wastewater	WPS	C			1,885	Remove	Empty
Sump 11	(PP-012)Empty	Empty	D			1,985		Empty

Tank/Vessel ID	Primary Service	HW Management Unit	Area Location	Diameter	S-S	Capacity	Destination	Tank Status
Initial	Initial	Initial	Initial	Ft.	Ht. Ft.	Gals.		
T-309	Wastewater	STT	A	9.00	30.50	16,800	Recycle/Reuse	Empty
T-310	Wastewater	STT	A	9.00	30.50	16,800	Recycle/Reuse	Empty
T-311	Wastewater	STT	A	8.00	8.00	2,725	Landfill	Empty
T-312	Wastewater	STT	A	8.00	8.00	2,725	Landfill	Empty
F-502 (E-501)	Filter Press	F-502	A	n/a	n/a	54 Cu. Ft.	Recycle/Reuse	Empty
MX-601	Solids Mixer	CSSU	A	n/a	n/a	2 Cu. Yd.	Landfill	Empty
S-600	Reagent Powder	CSSU	A	9.00	20.00	9,512	Recycle/Reuse	Active
DCU-601	Drum Crusher	CSSU	A	n/a(est 3')	n/a (est 9')	2,550 GPH	Recycle/Reuse	Empty
T-761A	Wastewater	STT	B	6.00	7.67	1,450	Landfill	Empty
T-761B	Wastewater	STT	B	5.33	7.75	1,000	Landfill	Empty
T-762	Wastewater - Empty	STT	B	6.00	7.67	1,450	Landfill	Empty

Tank/Vessel ID	Primary Service	HW Management Unit	Area Location	Diameter	S-S	Capacity	**Destination**	**Tank Status**
Initial	Initial	Initial	Initial	Ft.	Ht. Ft.	Gals.		
T-725	Wastewater	WPS	B	7.50	9.83	2,700	Landfill	Empty
E-450	Wastewater	WPS	B	10.00	9.75	5,138	Recycle/Reuse	Empty
E-430	Wastewater	WPS	B	8x10	9.33	4,985	Recycle/Reuse	Empty
E-400	Wastewater	WPS	B	8x10	9.33	4,985	Recycle/Reuse	Empty
D-401	Wastewater	WPS	B	2.50	6.00	300	Recycle/Reuse	Empty
D-402	Wastewater	WPS	B	4.00	6.00	500	Recycle/Reuse	Empty
T-402	Wastewater	WPS	B	3.92	6.33	526	Recycle/Reuse	Empty
T-401	Wastewater	WPS	B	6.00	6.00	1,163	Recycle/Reuse	Empty
T-702	Wastewater	WPS	B	6.00	6.00	1,163	Recycle/Reuse	Empty
T-705	Wastewater	WPS	B	4.00	4.00	350	Landfill	Empty
T-728	Wastewater	WPS	B	7.00	7.00	1,870	Landfill	Empty
CF-1	Wastewater - Empty	WPS	B	4 x 4	7.50	778	Landfill	Empty
CA-401 (SF-1)	Wastewater	WPU	B	4.00	12.00	150 Cu. Ft.	Recycle/Reuse	Empty
CA-402 (SF-2)	Wastewater	WPU	B	4.00	12.00	150 Cu. Ft.	Recycle/Reuse	Empty
KS-1	Wastewater	WPU	B	4.00	9.00	113 Cu. Ft.	Recycle/Reuse	Empty
KS-2	Wastewater	WPU	B	4.00	9.00	113 Cu. Ft.	Recycle/Reuse	Empty
CA-1	Wastewater	WPU	B	4.50	9.50	178 Cu. Ft.	Recycle/Reuse	Empty
CA-2	Wastewater	WPU	B	4.50	9.50	178 Cu. Ft.	Recycle/Reuse	Empty
C-711	Organic Scrubber	Vapor Recovery	B	2.30	8.70	47	Recycle/Landfill	Empty
D-707	Caustic Recirculation/Bleed Drum	Vapor Recovery	B			55	Recycle/Reuse	Empty
D-708	Caustic Reagent for C-710	Vapor Recovery	B	3.00	4.00	200	Landfill	Empty
Thermal Oxidizer	Thermal Oxidizer	Vapor Recovery	B	n/a	n/a	1.0 mmbtu/hr	Recycle/Reuse	Empty
T-001	Wastewater	STT	C	9.83	11.92	6,000	Landfill	Empty

Tank/Vessel ID	Primary Service	HW Management Unit	Area Location	Diameter	S-S	Capacity	**Destination**	**Tank Status**
Initial	Initial	Initial	Initial	Ft.	Ht. Ft.	Gals.		
T-101	Wastewater	STT	C			16,065	Recycle/Reuse	Empty
T-102	Wastewater	STT	C			16,065	Recycle/Reuse	Empty
T-103	Wastewater / Solvent	SWST	C	12.00	15.00	11,838	Recycle/Reuse	Empty
T-104	Wastewater / Solvent	SWST	C	12.00	15.00	11,838	Recycle/Reuse	Empty
T-201	Wastewater	STT	C	12.00	15.00	11,838	Recycle/Reuse	Empty
T-202	Wastewater	STT	C	20.00	15.00	32,882	Recycle/Reuse	Empty
T-780	Wastewater	STT	C	12.00	15.00	11,838	Recycle/Reuse	Empty
M-11	Wastewater	M-11	D	12.00	20.00	17,756	Landfill	Empty
T-203	Wastewater	STT	D			16,065	Recycle/Reuse	Empty
T-204	Wastewater	STT	D			11,838	Recycle/Reuse	Empty
T-210	Wastewater	STT	D			11,838	Recycle/Reuse	Empty
T-306	Wastewater	STT	D			16,065	Recycle/Reuse	Empty
T-307	Wastewater	STT	D			16,065	Recycle/Reuse	Empty
T-308	Wastewater	STT	D			16,065	Recycle/Reuse	Empty
T-720	Wastewater	STT	D	9.83	11.92	6,000	Landfill	Empty
T-720A	Wastewater	STT	D	8.17	8.17	2,937	Landfill	Empty
T-721	Wastewater	STT	D	9.00	16.50	6,409	Landfill	Empty
F-501 (FP-1)	Filter Press	F-501	D	n/a	n/a	57 Cu. Ft.	Recycle/Landfill	Empty
C-710	Inorganic Scrubber	Vapor Recovery	D	2.30	8.70	47	Recycle/Reuse	Empty
D-709	Caustic Reagent for C-711	Vapor Recovery	D				Landfill	Empty
D-706	Caustic Recirculation/Bleed Drum	Vapor Recovery	D	3.00	4.00	150	Landfill	Empty
M-3	Acids	ABRS	E	10.00	16.00	8,808	Landfill	Empty
M-4	Acids	ABRS	E	10.00	16.00	8,808	Landfill	Empty

Tank/Vessel ID	Primary Service	HW Management Unit	Area Location	Diameter	S-S	Capacity	**Destination**	**Tank Status**
Initial	Initial	Initial	Initial	Ft.	Ht. Ft.	Gals.		
M-5	Acids	ABRS	E	8.00	15.00	5,261	Landfill	Empty
M-6	Acids	ABRS	E	9.00	6.00	3,876	Landfill	Empty
M-1	Acids / Oils	M-1	F	12.00	16.00	15,175	Landfill	Empty
M-2	Acids / Oils	M-2	F	12.00	24.00	20,000	Landfill	Empty

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
D002	Corrosive	Corrosivity	General Prohibitions	90,000	X	X	X			X	X	X	X	X	X		X
D004	Arsenic	Toxicity	Not Calif. acute hazardous <50,000 ppm As, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D005	Barium	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D006	Cadmium	Toxicity	Not Calif. acute hazardous <10,000 ppm Cd, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D007	Chromium	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D008	Lead	Toxicity	Not Calif. acute hazardous <1,300 ppm Organic Pb, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D009	Mercury	Toxicity	Not Calif. acute hazardous <2,000 ppm Hg, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D010	Selenium	Toxicity	Not Calif. acute hazardous <10,000 ppm Se, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D011	Silver	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D018	Benzene	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D019	Carbon tetrachloride	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D020	Chlordane	Toxicity	Not Calif. acute hazardous <250 ppm Chlordane, General Prohibitions	20,000						X			X	X	X	X	X
D021	Chlorobenzene	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D022	Chloroform	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D023	o-Cresol	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D024	m-Cresol	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D025	p-Cresol	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D026	Cresol	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D027	1,4-Dichlorobenzene	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D028	1,2-Dichloroethane	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D029	1,1-Dichloroethylene	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D030	2,4-Dinitrotoluene	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D031	Heptachlor	Toxicity	General Prohibitions	20,000						X			X	X	X	X	X
D032	Hexachlorobenzene	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D033	Hexachlorobutadiene	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D034	Hexachloroethane	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D035	Methyl ethyl ketone	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D036	Nitrobenzene	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D037	Pentachlorophenol	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D038	Pyridine	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D039	Tetrachloroethylene	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D040	Trichloroethylene	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D041	2,4,5-Trichlorophenol	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D042	2,4,6-Trichlorophenol	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
D043	Vinyl Chloride	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
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 10% or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	Toxicity	General Prohibitions	10,000						X			X	X	X	X	X

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
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, & 1,1,2-trichloroethane; all spent solvent mixtures/belnds containing, before use, a total of 10% or more of the above halogenated solvents of those listed in F001, F004, F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.	Toxicity	General Prohibitions	10,000						X			X	X	X	X	X
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 of more of the above non-halogenated solvents, and, a total of 10% or more (by volume) of one of more of those solvents in F001, F002, F004, F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.	Ignitibility	General Prohibitions	10,000						X			X	X	X	X	X
F004	The following spent non-halogenated solvents: Cresol and cresylic acid, and nitrobenzene; all spent solvent mixtures/blends containing, before use,a total of 10% or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of thse spent solvents and spent solvent mixtures	Toxicity	General Prohibitions	10,000						X			X	X	X	X	X
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 10% 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	Ignitibility,Toxicity	Not D003, Reactive Sulfide <500 ppm, General Prohibitions	10,000						X			X	X	X	X	X
F006	Wastewater treatement sludges from electroplating operations except from the following processes: (1) Sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc & aluminum plating on carbon steel and (6) chemical etching and milling of aluminum	Toxicity	Not D003, reactive CN<250 ppm, General Prohibitions	50,000	X	X	X	X	X	X	X	X	X	X	X	X	X
F007	Spent cyanide plating bath solutions from electroplating operations	Toxicity, Reactivity	Not D003, reactive CN<250 ppm, General Prohibitions	1,000	X	X	X	X	X	X	X		X	X	X	X	X
F008	Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in process	Toxicity, Reactivity	Not D003, reactive CN<250 ppm, General Prohibitions	1,000	X	X	X	X	X	X	X		X	X	X	X	X
F009	Spent stripping & cleaning bath solutions from electroplating operations where cyanides are used in the process	Toxicity, Reactivity	Not D003, reactive CN<250 ppm, General Prohibitions	50,000	X	X	X	X	X	X	X		X	X	X	X	X
F010	Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process	Toxicity, Reactivity	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
F011	Spent cyanide solutions from salt bath pot cleaning from metal heat treating opeations	Toxicity, Reactivity	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
F012	Quenching wastewater treatment sludges from metal heat treating operations where cyanides are used in the process	Toxicity	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use cresote and/or pentachlorophenol	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K003	Wastewater treatment sludge from the production of Molybdate orange pigments	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
K004	Wastewater treatment sludge from the production of zinc yellow pigmtnets	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K005	Wastewater treatment sludge from the production of chrome green pigments	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K006	Wastewater treatment sludge from the production of chrome oxide green pigments	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K007	Wastewater treatment sludge from the production of iron blue pigments	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K008	Oven residue from the production of chrome oxide green pigments	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K009	Distillation bottoms from the production of acetaldehyde from ethylene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K010	Distillation side cuts from the production of acetaldehde from ethylene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K011	Bottom stream from the wastewater stripper in the production of acrylonitrile	Toxicity, Reactivity	Not D003, General Prohibitions	5,000						X			X	X	X	X	X
K013	Bottom stream from the acetonitrile column in the production of acrylonitrile	Toxicity, Reactivity	Not D003, General Prohibitions	5,000						X			X	X	X	X	X
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K015	Still bottoms from the distillation of benzyl chloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K016	Heavy ends or distillation residues from the production of carbon tetrachloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K017	heavy ends (still bottoms) from the purification column in the production of epichlorohydrin	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K018	Heavy ends from the fractionation column in ethyl chloride production	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K021	Aqueous spent antimony catalyst waste from fluoromethanes production	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K022	Distillation light ends from the production of phenol/acetone from cumene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K023	Distillation light ends from the production of phthalic anhydride from naphthalene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene	Toxicity	General Prohibitions	5,000									X	X			X
K026	Stripping still tails from the production of methyl ethyl pyridines	Toxicity	General Prohibitions	5,000									X	X			X
K027	Centrifuge and distillation residues from toluene diisocyanate production	Toxicity, Reactivity	Not D003, General Prohibitions	5,000									X	X			X
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K031	By-product salts generated in the production of MSMA and cacodylic acid	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K032	Wastewater treatment sludge from the production of chlordane	Toxicity	Not Calif. acute hazardous <250ppm Chlordane, General Prohibitions	5,000						X			X	X	X	X	X
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane	Toxicity	Not Calif. acute hazardous <250ppm Chlordane, General Prohibitions	5,000						X			X	X	X	X	X
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane	Toxicity	Not Calif. acute hazardous <250ppm Chlordane, General Prohibitions	5,000						X			X	X	X	X	X
K035	Wastewater treatment sludges generated in the production of creosote	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X

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ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
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K037	Wastewater treatment sludges from the production of disulfoton	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K038	Wastewater from the washing and stripping of phorate production	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K039	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate	Toxicity	General Prohibitions	5,000									X	X			X
K040	Wastewater treatment sludge from the production of phorate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K041	Wastewater treatment sludge from the production of toxaphene	Toxicity	Not Calif. acute hazardous <500ppm Toxaphene, not D015, General Prohibitions	5,000						X			X	X	X	X	X
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K043	2,6-Dichlorophenol waste from the production of 2,4-D	Toxicity	Not Calif. acute hazardous <10,000ppm and <10 ppm TCLP 2,4,-D, Not D016, General Prohibitions	5,000						X			X	X	X	X	X
K044	Wastewater treatment sludges from the manufacturing and processing of explosives	Toxicity	General Prohibitions	5,000									X	X			X
K045	Spent carbon from the treatment of wastewater containing explosives	Toxicity	General Prohibitions	5,000									X	X			X
K046	Wastewater treatment sludges from the manufacturing, formulation and loading of lead-based initiating compounds	Toxicity	Not Calif. acute hazardous <1,300 ppm Organic Pb, General Prohibitions	5,000									X	X	X	X	X
K047	Pink/red water from TNT operations	Toxicity	General Prohibitions	5,000									X	X			X
K048	Dissolved air flotation (DAF) float from the petrolem refining industry	Toxicity	General Prohibitions	5,000	X	X		X	X	X	X		X	X	X	X	X
K049	Slop oil emulsion solids from the petroleum refining industry	Toxicity	General Prohibitions	5,000	X	X		X	X	X	X		X	X	X	X	X
K050	Heat exchanger bundle cleaning sludge from the petrolem refining industry	Toxicity	General Prohibitions	5,000	X	X		X	X	X	X		X	X	X	X	X
K051	API separator sludge from the petroleum refining industry	Toxicity	General Prohibitions	5,000	X	X		X	X	X	X		X	X	X	X	X
K052	Tank bottoms (leaded) from the petroleum refining industry	Toxicity	Not Calif. acute hazardous <1,300 ppm Organic Pb, General Prohibitions	5,000	X	X		X	X	X	X		X	X	X	X	X
K060	Ammonia still lime sludge from coking opeations.	Toxicity	General Prohibitions	5,000									X	X	X	X	X
K061	Emission control dust/sludge from the primary production of steel in electric furnaces	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K062	Spent pickle liquor generated by steel finishing operations of facilities within the iron and steel industry (SIC Codes 331 and 332)	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
K069	Emission control dust/sludge from secondary lead smelting. (Note: This listing is stayed administratively for sludge generated from the secondary acid scrubber systems. The stay will remain in effect until further administrative action is taken. If EPA takes further action effecting this stay, EPA will publish a notice of the action the the Federal Register	Toxicity	Not Calif. acute hazardous <1,300 ppm Organic Pb, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K071	Brine purification muds from the mercury cell process in chlorine production, where separately prepurified brine is not used	Toxicity	Not Calif. acute hazardous <2,000 ppm Hg, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K073	Chlorinated hydrocarbon waste from purification step of the diaphragm cell process using graphite anodes in chorine productions	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K083	Distillation bottoms from aniline production	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K084	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds	Toxicity	Not Calif. acut hazardous <50,000 ppm As, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K086	Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from the cleaning tubs and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead	Toxicity	Not Calif. acute hazardous <1,300 ppm Organic Pb, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K087	Decanter tank tar sludge from cooking operations	Toxicity	General Prohibitions	5,000									X	X	X	X	X

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K088	Spent potliners from the primary aluminum reduction	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
K093	Distillation light ends from the production of phthalic anhydride from ortho-xylene	Toxicity	General Prohibitions	5,000									X	X	X	X	X
K094	Distillation bottoms from the production of phthalic anhydride from ortho-xylene	Toxicity	General Prohibitions	5,000									X	X	X	X	X
K095	Distillation bottoms from the production of 1,1,-trichloroethane	Toxicity	General Prohibitions	5,000									X	X	X	X	X
K096	Heavy ends from the heavy ends column from the production of 1,1,1-Trichloroethane	Toxicity	General Prohibitions	5,000									X	X	X	X	X
K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane	Toxicity	Not Calif. acute hazardous <250 ppm chlordane, General Prohibitions	5,000									X	X	X	X	X
K098	Untreated process wastewater from the production of toxaphene	Toxicity	Not Calif. acute hazardous <500 ppm Toxaphene, Not D015, General Prohibitions	5,000						X			X	X	X	X	X
K099	Untreated wastewater from the production of 2,4-D	Toxicity	Not Calif. acute hazardous 10,000ppm and <10 ppm TCLP 2,4-D, Not D016, General Prohibitions	5,000						X			X	X	X	X	X
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds	Toxicity	Not Calif. acute hazardous <50,000 ppm As, General Prohibitions	5,000									X	X	X	X	X
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds	Toxicity	Not Calif. acute hazardous <50,000 ppm As, General Prohibitions	5,000									X	X	X	X	X
K103	Process residues from aniline extraction from the production of aniline	Toxicity	General Prohibitions	5,000									X	X	X	X	X
K104	Combined wastewater streams generated from nitrobenzene/aniline production	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
K106	Wastewater treatment sludge from the mercury cell process in chlorine production	Toxicity	Not Calif. acute hazardous <2,000 ppm Hg, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P001	Warfarin, & salts, when present at concentrations greater than 0.3%	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P002	Acetamide, N-(aminothioxomethyl)-, 1-Acetyl-2-thiourea	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P003	Acrolein, 2-Propenal	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P004	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa- chloro- 1,4,4a,5,8,8a,-hexahydro-, (1alpha,4alpha,4abeta,5alpha,8alpha,8 abeta)-1 1 1 , Aldrin	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P005	Allyl alcohol, 2-Propen-1-o1	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P006	Aluminum phosphide (R,T)	Acute Hazardous Waste, Reactivity, Toxicity	Not D003, General Prohibitions	5,000									X	X	X	X	X
P007	5-(Aminomethyl)-3-isoxazolol, 3(2H)-Isoxazolone, 5-(aminomethyl)-	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P008	4-Aminopyridine, 4-Pyridinamine	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P009	Ammonium picrate (R), Phenol, 2,4,6-trinitro-, ammonium salt	Acute Hazardous Waste, Reactivity	Not D003, General Prohibitions	5,000									X	X	X	X	X
P010	Arsenic acid H3 AsO4	Acute Hazardous Waste	Not Calif. acute hazardous <50,000 ppm As, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
P011	Arsenic oxide As2 O, Arsenic pentoxide	Acute Hazardous Waste	Not Calif. acute hazardous <50,000 ppm As, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
P012	Arsenic oxide As 2 O, Arsenic Trioxide	Acute Hazardous Waste	Not Calif. acute hazardous <50,000 ppm As, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
P013	Barium cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P014	Benzenethiol, Thiophenol	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P015	Beryllium powder	Acute Hazardous Waste	Not Calif. acute hazardous <7,500 Be, General Prohibitions	5,000									X	X	X	X	X
P016	Dichloromethyl ether, Methane, oxybis [chloro-	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P017	Bromoacetone, 2-Propanone, 1-bromo-	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P018	Brucine, Strychnidin-10-one, 2,3-dimethoxy-	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P020	Dinoseb, Phenol, 2-(1-methylpropyl)-4,6-dinitro-	Acute Hazardous Waste	General Prohibitions	5,000									X	X			X
P021	Calcium cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P022	Carbon disulfide	Acute Hazardous Waste	Not D003, Reactive Sulfide <500 ppm, General Prohibitions	5,000									X	X	X	X	X
P023	Acetaldehyde, chloro, Chloroacetaldehyde	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P024	Benzenamine, 4-chloro-, p-Chloroaniline	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P026	1-(o-Chlorophenyl)thiourea, Thiourea, (2-chlorophenyl)-	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P027	3-Chloropropionitrile, Propanenitrile, 3-chloro-	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P028	Benzene, (chloromethyl)- Benzyl chloride	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P029	Copper cyanide Cu(CN), Copper cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P030	Cyanides (soluble cyanide salts), not otherwise specified	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P031	Ethanedinitrileyanogen	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P033	Cyanogen chloride (CN)Cl, Cyanogen chloride	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P034	2-Cyclohexyl-4,6-dinitrophenol, Phenol, 2-cyclohexyl-4,6-dinitro-	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P036	Arsonous dichloride, phenyl- Dichlorophenylarsine	Acute Hazardous Waste	Not Calif. acute hazardous <50,000 ppm As, General Prohibitions	5,000									X	X	X	X	X
P037	2,7:3,6-Dimethanonaphth[2,3-b] oxirene, 3,4,5,6,9,9-hexachloro 1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2aalpha,3beta,6beta,6a alpha,7beta, 7aalpha)-, Dieldrin	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
P038	Arsine, diethyl- Diethylarsine	Acute Hazardous Waste	Not Calif. acute hazardous <50,000 ppm As, General Prohibitions	5,000									X	X	X	X	X
P039	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester, Disulfoton	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P040	O,O-Diethyl O-pyrazinyl phosphorothioate	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P041	Phosphoric acid, diethyl 4-nitrophenyl ester, Diethyl-p-nitrophenyl phosphate	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P042	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-, Epinephrine	Acute Hazardous Waste, Reactivity	Not D003, General Prohibitions	5,000									X	X	X	X	X
P043	Phosphorofluoridic acid, bis(1- methylethyl) ester, Diisopropylfluorophosphate (DFP)	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P044	Phosphorodithioic acid, O,O-dimethyl S- [2-(methylamino)-2-oxoethyl] ester, Dimethoate	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P045	2-Butanone, 3,3-dimethyl-1- (methylthio)-, O-[methylamino)carbonyl] oxime, Thiofanox	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P046	Benzeneethanamine, alpha,alpha-dimethyl- alpha, alpha-Dimethylphenethylamine	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P047	Phenol, 2-methyl-4,6-dinitro-, & salts, 4,6-Dinitro-o-cresol, & salts	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P048	Phenol, 2,4-Dinitrophenol	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P049	Thioimidodicarbonic diamide, Dithiobiuret	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P050	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-, Endosulfan	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P051	2,7:3,6-Dimethanonaphth [2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2abeta,3alpha,6alpha,6 abeta,7beta, 7aalpha)-, & metabolites, Endrin & metabolites	Acute Hazardous Waste	Not Calif. acute hazardous < 20 ppm Endrin, and not D012, General Prohibitions	5,000									X	X	X	X	X
P054	Ethyleneimine, Aziridine	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P056	Fluorine	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P057	Acetamide, 2-fluoro- Fluorine	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P058	Fluoroacetic acid, sodium salt, Acetic acid, fluoro-, sodium salt	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P059	4,7-Methano-1H-indene, 1,4,5,6,7,8,8- heptachloro- 3a,4,7,7a-tetrahydro-, Heptachlor	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P060	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa- chloro- 1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5beta,8beta,8ab eta)- Isodrin	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P062	Tetraphosphoric acid, hexaethyl ester, Hexaethyl tetraphosphate	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P063	Hydrocyanic acid, Hydrogen Cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P064	Methane, isocyanato- Methyl isocyanate	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P065	Fulminic acid, mercury(2+) salt (R,T), Mercury fulminate (R,T)	Acute Hazardous Waste Reactivity, Toxicity	Not Calif. acute hazardous <2,000 ppm Hg, Not D003, General Prohibitions	5,000									X	X	X	X	X
P066	Ethanimidothioic acid, N-[[(methylamino)carbonyl]oxy]-, methyl ester, Methomyl	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P067	Aziridine, 2-methyl-1,2-Propylenimine	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
P068	Hydrazine, methyl- Methyl hydrazine	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P069	Propanenitrile, 2-hydroxy-2-methyl-, 2-Methyllactonitrile	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P070	Propanal, 2-methyl-2-(methylthio)-,O-[(methylamino)carbonyl]oxime, Aldicarb	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P071	Phosphorothioic acid, O,O,-dimethyl O- (4-nitrophenyl) ester, Methyl parathion	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P072	Thiourea, 1-naphthalenyl-, alpha-Naphthylthiourea	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P073	Nickel carbonyl Ni(CO), Nickel carbonyl	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P074	Nickel cynaide Ni(CN), Nickel cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P075	Pyridine, 3-(1-methyl-2-pyrrolidinyl)- , (S)-, & salts, Nicotine, & salts	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P076	Nitrogen oxide NO, Nitric oxide	Acute Hazardous Waste	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P077	Benzenamine, 4-nitro-, p-Nitroaniline	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P078	Nitrogen oxide NO_2, Nitrogen dioxide	Acute Hazardous Waste	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P081	1,2,3-Propanetriol, trinitrate(R), Nitroglycerine (R)	Acute Hazardous Waste, Reactivity	Not D003, General Prohibitions	5,000									X	X	X	X	X
P082	Methanamine, N-methyl-N-nitroso-, N-Nitrosodimethylamine	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P084	Vinylamine, N-methyl-N-nitroso-, N-Nitrosomethylvinylamine	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P085	Octamethylpyrophosphoramide, Diphosphoramide, octamethyl-	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P087	Osmium oxide OsO, Osmium tetroxide	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P088	7-Oxabicyclo[2.2.1]heptane-2,3- dicarboxylic acid, Endothall	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P089	Phosphorothioic acid, O,O-diethyl O-(4- nitrophenyl) ester Parathion	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P092	Mercury, (acetato-O)phenyl-, Phenylmercury acetate	Acute Hazardous Waste	Not Calif. acute hazardous <2,000 ppm Hg, General Prohibitions	5,000									X	X	X	X	X
P093	Thiourea, phenyl-, Phenylthiourea	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P094	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester, Phorate	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P095	Carbonic dichloride, Phosgene	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P096	Hydrogen phosphide, Phosphine	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P097	Phosphorothioic acid, O-[4- [(dimethylamino)sulfonyl]phenyl] O,O- dimethyl ester, Famphur	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P098	Potassium cyanide K(CN), Potassium cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P099	Argentate(1-), bis(cyano-C)-, potassium, Potassium silver cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
P101	Propanenitrile, Ethyl cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000									X	X	X	X	X
P102	Propargyl alcohol, 2-Propyn-1-o1	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P103	Selenourea	Acute Hazardous Waste	Not Calif. acute hazardous <10,000 ppm Se, General Prohibitions	5,000									X	X	X	X	X
P104	Silver cyanide Ag(CN), Silver cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P105	Sodium azide	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P106	Sodium cyanide Na(CN), Sodium cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P108	Strychnidin-10-one, & salts, Strychnidin, & salts	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P109	Thiodiphosphoric acid, tetraethyl ester, Tetraethyldithiopyrophos-phate	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P110	Plumbane, tetraethyl-, Tetraethyl lead	Acute Hazardous Waste	Not Calif. acute hazardous <1,300 ppm Organic Pb, General Prohibitions	5,000									X	X	X	X	X
P111	Diphosphoric acid, tetraethyl ester, Tetraethyl yrophosphate	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P112	Methane, tetranitro- (R), Tetranitromethane (R)	Acute Hazardous Waste, Reactivity	Not D003, General Prohibitions	5,000									X	X	X	X	X
P113	Thallium oxide Tl_2O_3, Thallic oxide	Acute Hazardous Waste, Reactivity	Not D003, Not Calif. acute hazardous <70,000 ppm Tl, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P114	Selenious acid, dithallium(1+) salt, Thallium (I) selenite	Acute Hazardous Waste	Not Calif. acute hazardous <10,000 ppm Se, Not Calif. acute hazardous <70,000 ppm Tl, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P115	Sulfuric acid, dithallium(1+) salt, Thallium(I) sulfate	Acute Hazardous Waste	Not Calif. acute hazardous <70,000 ppm Tl, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
P116	Hydrazinecarbothioamide, Thiosemicarbazide	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P118	Methanethiol, trichloro-, Trichloromethnethiol	Acute Hazardous Waste	General Prohibitions	5,000									X	X	X	X	X
P119	Vanadic acid, ammonium salt, Ammonium vanadate	Acute Hazardous Waste	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P120	Vanadium pentoxide, Vanadium oxide	Acute Hazardous Waste	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P121	Zinc cyanide Zn(CN), Zinc cyanide	Acute Hazardous Waste	Not D003, reactive CN<250 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
P122	Zinc phosphide Zn	Acute Hazardous Waste, Reactivity, Toxicity	Not D003, General Prohibitions	5,000									X	X			X
U001	Acetaldehyde (I), Ethanal	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U002	2-Propanone (I), Acetone (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X

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ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
U003	Acetonitrile (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U004	Ethanone, 1-phenyl-, Acetophenone	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U005	Acetamide, N-9H-fluoren-2-yl-, 2-Acetylaminofluorene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U006	Acetyl chloride (C,R,T)	Corrosivity, Reactivity, Toxicity	Not D003, General Prohibitions	5,000						X			X	X	X	X	X
U007	2-Propenamide, Acrylamide	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U008	2-Propenoic acid (I), Acrylic acid (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U009	2-Propenenitrile, 2-Propenenitrile	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U010	Azirino[2',3':3,4]pyrrolo[1,2-a]indole- 4,7-dione, 6-amino-8-[[(aminocarbonyl)oxy]methyl]- 1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta,8aalpha,8balpha)]-, Mitomycin C	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U011	1H-1,2,4-Triazol-3-amine, Amitrole	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U012	Benzenamine (I,T), Aniline (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U014	Benzenamine, 4,4'-carbonimidoylbis[N,N- dimethyl-, Auramine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U015	L-Serine, diazoacetate (ester), Azaserine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U016	Benz[c]acridine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U017	Benzene, (dichloromethyl)-, Benzal chloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U018	Benz[a]anthracene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U019	Benzene (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U020	Benzenesulfonic acid chloride (C,R), Benzenesulfonul chloride (C,R)	Corrosivity, Reactivity	Not D003, General Prohibitions	5,000						X			X	X	X	X	X
U021	[1,1'-Biphenyl]-4,4'-diamine, Benzidine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U022	Benzo[a]pyrene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U023	Benzene, (trichloromethyl)-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U024	Ethane, 1,1'-[methylenebis(oxy)]bis[2- chloro-, Dichloromethoxy ether	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U025	Ethane, 1,1'-oxybis[2-chloro-, Dichloromethoxy ethane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U026	Naphthalenamine, N,N'-bis(2-chloroethyl)-, Chlornaphazin	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U027	Propane, 2,2'-oxybis[2-chloro-, Dichloroisopropyl ether	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U028	1,2-Benzenedicarboxylic acid, bis(2- ethylhexyl) ester, Diethylhexyl phthalate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U029	Methyl bromide, Methane bromo-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U030	Benzene, 1-bromo-4-phenoxy-, 4-Bromophenyl phenyl ether	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U031	n-Butyl alcohol (I), 1-Butanol (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U032	Calcium chromate, Chromic acid	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U033	Carbon oxyfluoride (R,T), Carbonic difluoride	Reactivity, Toxicity	Not D003, General Prohibitions	5,000									X	X	X	X	X
U034	Acetaldehyde, trichloro-, Chloral	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U035	Benzenebutanoic acid, 4-[bis(2- chloroethyl)amino]-, Chlorambucil	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U036	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-, Chlrodane, alpha & gamma isomers	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U037	Benzene, chloro-, Chlorobenzene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U038	Benzeneacetic acid, 4-chloro-alpha-(4- chlorophenyl)-alpha-hydroxy-, ethyl ester, Chlorobenzilate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U039	Phenol, 4-chloro-3-methyl-, p-Chloro-m-cresol	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U041	Oxirane, (chloromethyl)-2 123-63-7 Paraldehyde, Epichlorohydrin	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U042	Ethene, (2-chloroethoxy)-, 2-Chloroethyl vinyl ether	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U043	Vinyl chloride, Ethene, chloro-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U044	Methane, trichloro-, Chloroform	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U045	Methane, chloro- (I, T), Methyl chloride (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U046	Chloromethyl methyl ether, Methane, chloromethoxy	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U047	beta-Chloronaphthalene, Naphthalene, 2-chloro	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U048	Phenol, 2-chloro-, o-Chlorophenol	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
U049	Benzenamine, 4-chloro-2-methyl-, hydrochloride, 4-Chloro-o-toluidine, hydrochloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U050	Chrysene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U051	Creosote	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U052	Cresol (Cresylic acid, Phenol, methyl	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U053	Crotonaldehyde, 2-Butenal	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U055	Benzene, (1-methylethyl)- (I), Cumene (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U056	Benzene, hexahydro- (I), Cyclohexane (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U057	Cyclohexanone (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U058	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide , Cyclophosphamide	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U059	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-, Daunomycin	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U060	Benzene, 1,1'-(2,2-, DDD	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U061	Benzene, 1,1'-(2,2,2- trichloroethylidene)bis[4-chloro- , DDT	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U062	Carbamothioic acid, bis(1-methylethyl)- , S-(2,3-dichloro-2-propenyl) ester , Diallate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U063	Dibenz[a,h]anthracene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U064	Benzo[rst]pentaphene, Dibenzo [a,i]pyrene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U066	Propane, 1,2-dibromo-3-chloro-, 1,2-Dibromo-3-chloropropane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U067	Ethane, 1,2-dibromo-, Ethylene dibromide	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U068	Methane, dibromo-, Methylene bromide	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U069	1,2-Benzenedicarboxylic acid, dibutyl ester. Dibutyl phthalate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U070	Benzene, 1,2-dichloro-, o-Dichlorobenzene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U071	Benzene, 1,3-dichloro-, m-Dichlorobenzene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U072	Benzene, 1,4-dichloro-, p-Dichlorobenzene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U073	[1,1'-Biphenyl]-4,4'-diamine, 3,3'- dichloro-,3,3'-Dichlorobenzidine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U074	1,4-Dichloro-2-butene (I,T), 2-Butene, 1,4-dichloro- (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U075	Methane, dichlorodifluoro-, Dichlorodifluoromethane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U076	Ethane, 1,1-dichloro-, Ethylidene dichloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U077	Ethane, 1,2-dichloro-, Ethylene dichloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U078	Ethene, 1,1-dichloro-, 1,1-Dichloroethylene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U079	1,2-Dichloroethylene, Ethene, 1,2-dichloro-, (E)-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U080	2 Methane, dichloro-, Methylene Chloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U081	2,4-Dichlorophenol, Phenol, 2,4-dichloro-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U082	2,6-Dichlorophenol, Phenol, 2,6-dichloro	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U083	Propane, 1,2-dichloro-, Propylene dichloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U084	1-Propene, 1,3-dichloro-, 1,3-Dichloropropene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U085	1,2:3,4-Diepoxybutane (I,T), 2,2'-Bioxirane	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U086	N,N'-Diethylhydrazine, Hydrazine, 1,2-diethyl-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U087	Phosphorodithioic acid, O,O-diethyl S-methyl ester, O,O-Diethyl S-methyl dithiophosphate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U088	1,2-Benzenedicarboxylic acid, diethyl ester, Diethyl phthalate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U089	Phenol, 4,4'-(1,2-diethyl-1,2- ethenediyl)bis-, (E)-, Diethylstilbesterol	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U090	1,3-Benzodioxole, 5-propyl-, Dihydrosafrole	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U091	[1,1'-Biphenyl]-4,4'-diamine, 3,3'- dimethoxy-, 3,3'-Dimethoxybenzidine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U092	Methanamine, N-methyl- (I), Dimethylamine (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U093	Benzenamine, N,N-dimethyl-4- (phenylazo)-, p-Dimethylaminoazo-benzene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U094	7,12-Dimethylbenz[a]anthracene, Benz[a]anthracene, 7,12-dimethyl	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U095	[1,1'-Biphenyl]-4,4'-diamine, 3,3'- dimethyl-, 3,3'-Dimethylbenzidine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U096	alpha,alpha- Dimethylbenzylhydroperoxide(R)Hydroperoxide, 1-methyl-1-phenylethyl- (R)	Reactivity	Not D003, General Prohibitions	5,000						X			X	X	X	X	X
U097	Carbamic chloride, dimethyl- , Dinethylcarbamoyl chloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U098	Hydrazine, 1,1-dimethyl-, 1,1-Dimethylhydrazine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U099	1,2-Dimethylhydrazine, Hydrazine, 1,2-dimethyl	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

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RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
U101	2,4-Dimethylphenol, Phenol, 2,4-dimethyl	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U102	1,2-Benzenedicarboxylic acid, dimethyl ester, Dimethyl phthalate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U103	Sulfuric acid, dimethyl ester, Dimethyl sulfate	Toxicity	General Prohibitions	5,000									X	X	X	X	X
U105	Benzene, 1-methyl-2,4-dinitro-, 2,4-Dinitrotoluene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U106	Benzene, 2-methyl-1,3-dinitro-, Benzene, 1-methyl-2,4-dinitro	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U107	1,2-Benzenedicarboxylic acid, dioctyl ester, Di-n-octyl phthalate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U108	1,4-Diethyleneoxide, 1,4-Dioxane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U109	1,2-Diphenylhydrazine, Hydrazine, 1,2-diphenyl-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U110	1-Propanamine, N-propyl- (I), Dipropylamine (I)	Toxicity, Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U111	1-Propanamine, N-nitroso-N-propyl-, Di-n-propylnitrosamine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U112	Acetic acid ethyl ester (I), Ethyl acetate (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U113	2-Propenoic acid, ethyl ester (I), Ethyl acrylate (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U114	Carbamodithioic acid, 1,2- ethanediylbis-, salts & esters, Ethylenebisdithiocarbamic acid, salts & esters	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U115	Ethylene oxide (I,T), Oxirane (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U116	2-Imidazolidinethione, Ethylenethiourea	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U117	Ethane, 1,1'-oxybis-(I), Ethyl ether (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U118	2-Propenoic acid, 2-methyl-, ethy ester, Ethyl methacrylate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U119	Methanesulfonic acid, ethyl ester, Ethyl methanesulfonate	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U120	Fluoranthene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U121	Trichloromonofluoromethane, Methane, trichlorofluoro	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U122	Formaldehyde	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U123	Formic acid (C,T)	Corrosivity, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U124	Furfuran (I), Furan (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U125	2-Furancarboxaldehyde (I), Furfural (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U126	Oxiranecarboxyaldehyde, Glycidylaldehyde	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U127	Hexachlorobenzene, Benzene, hexachloro-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U128	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-, Hexachlorobutadiene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U129	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6 beta), Lindane	Toxicity	Not Calif. acute hazardous < 400 ppm Lindane, Not D013, General Prohibitions	5,000						X			X	X	X	X	X
U130	1,3-Cyclopentadiene, 1,2,3,4,5,5- hexachloro-, Hexachlorocyclopenta-diene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U131	Hexachlorocyclopentadiene, Ethane, hexachloro-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U132	Phenol, 2,2'-methylenebis[3,4,6- trichloro-, Hexachlorophene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U133	Hydrazine (R,T)	Reactivity, Toxicity	Not D003, General Prohibitions	5,000						X			X	X	X	X	X
U134	Hydrofluoric acid (C,T), hydrogen fluoride (C,T)	Corrosivity, Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U135	Hydrogen sulfide H 2 S, Hydrogen sulfide	Toxicity	Not D003, Reactive Sulfide <500 ppm, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
U136	Arsinic acid, dimethyl-, Cacodylic acid	Toxicity	Not Calif. acute hazardous <50,000 ppm As, General Prohibitions	5,000						X			X	X	X	X	X
U137	Indeno[1,2,3-cd]pyrene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U138	Methane, iodo-, Methyl iodide	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U140	1-Propanol, 2-methyl- (I,T), Isobutyl alcohol (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U141	1,3-Benzodioxole, 5-(1-propenyl)-, isosafrole	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U142	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-, kepone	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U143	2-Butenoic acid, 2-methyl-, 7-[[2,3- dihydroxy- 2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1- yl ester,[1S-[1alpha(Z),7(2S*,3R*),7aalpha]]-, Lasiocarpine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X

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U144	Acetic acid, lead(2+) salt, Lead acetate	Toxicity	Not Calif. acute hazardous <1,300 ppm Organic Pb, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U145	Phosphoric acid, lead(2+) salt (2:3), Lead phosphate	Toxicity	Not Calif. acute hazardous <1,300 ppm Organic Pb, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U146	Lead, bis(acetato-O)tetrahydroxytri-, Lead subacetate	Toxicity	Not Calif. acute hazardous <1,300 ppm Organic Pb, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U147	Maleic anhydride, Furandione	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U148	3,6-Pyridazinedione, 1,2-dihydro-, Maleic hydrazide	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U149	Propanedinitrile, Malononitrile	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U150	L-Phenylalanine, 4-[bis(2 chloroethyl)amino]-, Melphalan	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U151	Mercury	Toxicity	Not Calif. acute hazardous <2,000 ppm Hg, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U152	2-Propenenitrile, 2-methyl- (I,T), Methacrylonitrile (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U153	Methanethiol (I, T), Thiomethanol (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U154	Methyl alcohol (I), Methanol (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U155	1,2-Ethanediamine, N,N-dimethyl-N'-2- pyridinyl-N'-(2-thienylmethyl)-, Methapyrilene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U156	Carbonochloridic acid, methyl ester (I,T), Methyl chlorocarbonate (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000									X	X			X
U157	Benz[j]aceanthrylene, 1,2-dihydro-3- methyl-, Methylcholanthrene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U158	Benzenamine, 4,4'-methylenebis[2- chloro-, 4,4'-Methylenebis(2-chloroaniline)	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U159	Methyl ethyl ketone (MEK) (I,T), 2-Butanone (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U160	Methyl ethyl ketone peroxide (R,T), 2-Butanone, peroxide (R,T)	Reactivity, Toxicity	Not D003, General Prohibitions	5,000									X	X			X
U161	Methyl isobutyl ketone (I), 4-Methyl-2-pentanone (I), pentanol, 4-methyl-	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U162	2-Propenoic acid, 2-methyl-, methyl ester (I,T), Methyl mthacrylate (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U163	Guanidine, N-methyl-N'-nitro-N-nitroso- , MNNG	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U164	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-, Methylthiouracil	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U165	Naphthalene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U166	1,4-Naphthalenedione, 1,4-Naphthoquinone	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U167	alpha-Naphthylamine, 1-Naphthalenamine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U168	2-Naphthalenamine, beta-Naphthylamine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U169	Nitrobenzene (I,T), Benzene, nitro-	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U170	p-Nitrophenol, Phenol, 4-nitro-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U171	Propane, 2-nitro- (I,T), -Nitropropane, (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U172	1-Butanamine, N-butyl-N-nitroso-, N-Nitrosodi-n-butylamine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U173	Ethanol, 2,2'-(nitrosoimino)bis-, N-Nitrosodiethanolamine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U174	Ethanamine, N-ethyl-N-nitroso-, 5 N-Nitrosodiethylamine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U176	N-Nitroso-N-ethylurea, Urea, N-ethyl-N-nitroso-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U177	Urea, N-methyl-N-nitroso-, N-Nitroso-N-methylurea	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U178	Carbamic acid, methylnitroso-, ethyl ester, N-Nitroso-N-methylurethane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U179	N-Nitrosopiperidine, Piperidine, 1-nitroso-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U180	N-Nitrosopyrrolidine, Pyrrolidine, 1-nitroso-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
U181	Benzenamine, 2-methyl-5-nitro-, 5-Nitro-o-toluidine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U182	1,3,5-Trioxane, 2,4,6-trimethyl-, Paraldehyde	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U183	Benzene, pentachloro-, Pentachlorobenzene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U184	Ethane, pentachloro-, Pentachloroethane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U185	Pentachloronitrobenzene (PCNB), Benzene, pentachloronitro-	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U186	1-Methylbutadiene (I), 1,3-Pentadiene (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U187	Acetamide, N-(4-ethoxyphenyl)-, Phenacetin	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U188	Phenol	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U189	Phosphorus sulfide (R), Sulfur phosphide (R)	Reactivity	Not D003, Reactive Sulfide <500 ppm, General Prohibitions	5,000									X	X			X
U190	1,3-Isobenzofurandione, phthalic anhydride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U191	2-Picoline	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U192	Benzamide, 3,5-dichloro-N-(1,1- dimethyl-2-propynyl)-, Pronamide	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U193	1,2-Oxathiolane, 2,2-dioxide, 1,3-Propane sultone	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U194	1-Propanamine (I,T), n-Propylamine (I,T)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U196	Pyridine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U197	p-Benzoquinone, 2,5-Cyclohexadiene-1,4-dione	Toxicity	General Prohibitions	5,000						X					X	X	X
U200	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester, (3beta,16beta,17alpha,18beta,20alpha)-, Reserpine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U201	1,3-Benzenediol, Resorcinol	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U202	1,2-Benzisothiazol-3(2H)-one, 1,1- dioxide, & salts, Saccharin, & salts	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U203	1,3-Benzodioxole, 5-(2-propenyl)-, Safrole	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U204	Selenium dioxide, Selenious acid	Toxicity	Not Calif. acute hazardous <10,000 ppm Se, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U205	Selenium sulfide SeS_2 (R,T), Selenium sulfide	Reactivity, Toxicity	Not D003, < 500 ppm Reactive Sulfide, Not Calif. acute hazardous <10,000 ppm Se, General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
U206	D-Glucose, 2-deoxy-2-[[(methylnitrosoamino)-carbonyl]amino]-, Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-, D-, Streptozotocin	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U207	1,2,4,5-Tetrachlorobenzene, Benzene, 1,2,4,5-tetrachloro	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U208	Ethane, 1,1,1,2-tetrachloro-, 1,1,1,2-Tetrachlorothane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U209	Ethane, 1,1,2,2-tetrachloro-, 1,1,2,2-Tetrachloroethane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U210	Tetrachloroethylene, Ethene, tetrachloro	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U211	Methane, tetrachloro-Carbon tetrachloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U213	Furan, tetrahydro-(I), Tetrahydrofuran (I)	Ignitibility	General Prohibitions	5,000						X			X	X	X	X	X
U214	Acetic acid, thallium(1+) salt, Thallium (I) acetate	Ignitibility, Toxicity	Not Calif. acute hazardous <70,000 ppm Tl, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U215	Carbonic acid, dithallium(1+) salt, Thallium (I) acetate	Ignitibility, Toxicity	Not Calif. acute hazardous <70,000 ppm Tl, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U216	Thallium chloride Tlcl	Ignitibility, Toxicity	Not Calif. acute hazardous <70,000 ppm Tl, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U217	Nitric acid, thallium(1+) salt, Thallium (I) nitrate	Ignitibility, Toxicity	Not Calif. acute hazardous <70,000 ppm Tl, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
U218	Ethanethioamide, Thioacetamide	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U219	Thiourea	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U220	Benzene, methyl-, Toluene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U221	Benzenediamine, ar-methyl-, Toluenediamine	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U222	Benzenamine, 2-methyl-, hydrochloride, o-Toluidine hydrochloride	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X

TABLE 10 - CONSTITUENTS OF CONCERN, RCRA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
RCRA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Rec. & Insp. Unit	Cont. Storage West	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
U223	Benzene, 1,3-diisocyanatomethyl- (R,T), Toluene, diisocyanate (R,T)	Reactivity, Toxicity	Not D003, General Prohibitions	5,000									X	X	X	X	X
U225	Methane, tribromo-, Bromoform	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U226	Ethane, 1,1,1-trichloro-, Methyl chloroform	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U227	Ethane, 1,1,2-trichloro-, 1,1,2-Trichlorothane	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U228	Ethene, trichloro-, Trichloroethylene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U234	1,3,5-Trinitrobenzene (R,T), Benzene, 1,3,5-trinitro	Reactivity, Toxicity	Not D003, General Prohibitions	5,000									X	X			X
U235	Tris(2,3-dibromopropyl) phosphate, 1-Propanol, 2,3-dibromo-, phosphate (3:1)	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U236	2,7-Naphthalenedisulfonic acid, 3,3'- [(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt, Trypan blue	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U237	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-, Uracil mustard	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U238	Ethyl carbamate (urethane), Carbamic acid, ethyl ester	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U239	Benzene, dimethyl- (I,T), Xylene (I)	Ignitibility, Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U240	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters, 2,4-D, salts & esters	Toxicity	Not Calif. acute hazardous <10,000ppm, <10 ppm TCLP, 2,4-D, Not D016, General Prohibitions	5,000						X			X	X	X	X	X
U243	1-Propene, 1,1,2,3,3,3-hexachloro-, Hexachloropropene	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U244	Thioperoxydicarbonic diamide [(H2N)C(S)]2 S2, tetramethyl-, Thiram	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U246	Cyanogen bromide (CN)Br	Toxicity	Not D003, reactive CN<250 ppm, General Prohibitions	5,000						X			X	X	X	X	X
U247	Benzene, 1,1'-(2,2,2- trichloroethylidene)bis[4- methoxy-, Methoxychlor	Toxicity	<10ppm TCLP Methoxychlor, Not D014, General Prohibitions	5,000						X			X	X	X	X	X
U248	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3- oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less, Warfarin, & salts, when present at concentrations of 0.3% or less	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
U249	Zinc Phosphide ZN3 P2, when present at concentrations of 10% or less	Toxicity	General Prohibitions	5,000									X	X			X

General Prohibitions = The following waste categories that DKE may not accept:
Biohazards, Explosives, Radioactive, CA Extremely Hazardous, Dioxins, PCB > 5 ppms, D001, D003 Reactive wastes, Pesticides (D012-D017).
Any RCRA or non-RCRA waste codes not listed on Table III-1 or Table III-2.

TABLE 11 - CONSTITUENTS OF CONCERN, CALIFORNIA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
CA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Storage East	Cont. Rec. & Insp. Unit	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
121	Alkaline solutions w/ metals	Toxicity, Corrosivity	General Prohibitions	90,000	X	X	X	X	X	X	X		X	X	X	X	X
122	Alkaline solutions w/o metals	Corrosivity	General Prohibitions	90,000	X	X	X	X	X	X	X		X	X	X	X	X
123	Unspecified alkaline solution	Corrosivity	General Prohibitions	90,000	X	X	X	X	X	X	X		X	X	X	X	X
131	Aqueous solution (<2 pH >12.5) containing reactive anions	Reactivity	Not D003, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
132	Aqueous solutions w/ metals (< restrictive levels and see 121)	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
133	Aqueous w/ total organic residue > 10%	Toxicity	General Prohibitions	50,000	X	X	X	X	X	X	X	X	X	X	X	X	X
134	Aqueous w/ total organic residue < 10%	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
135	Unspecified aqueous solution	Toxicity	General Prohibitions	50,000	X	X	X	X	X	X	X	X	X	X	X	X	X
141	Off-spec. aged or surplus inorganics	Toxicity	General Prohibitions	5,000	X	X	X	X	X		X	X	X	X	X	X	X
151	Asbestos-containing wastes	Toxicity	General Prohibitions	20,000									X	X	X	X	X
161	Fluid-Catalytic Cracker wastes	Toxicity	General Prohibitions	5,000							X		X	X	X	X	X
162	Other spent catalysts	Toxicity	General Prohibitions	5,000	X		X	X	X		X		X	X	X	X	X
171	Metal sludge (see 121)	Toxicity	General Prohibitions	50,000	X	X	X	X	X		X		X	X	X	X	X
172	Metal dust (see 121) and machining wastes	Toxicity, Ignitibility	General Prohibitions	5,000	X		X	X	X		X		X	X	X	X	X
181	Other inorganic solid waste	Toxicity	General Prohibitions	50,000	X	X	X	X	X		X	X	X	X	X	X	X
211	Halogenated solvents	Toxicity	General Prohibitions	20,000						X			X	X	X	X	X
212	Oxygenated solvents	Toxicity, Ignitibility	General Prohibitions	10,000						X	X		X	X	X	X	X
213	Hydrocarbon solvents	Toxicity, Ignitibility	General Prohibitions	10,000				X	X	X	X		X	X	X	X	X
214	Unspecified solvent mixture	Toxicity	General Prohibitions	5,000				X	X	X	X		X	X	X	X	X
221	Waste oil and mixed oil	Toxicity	General Prohibitions	50,000	X	X		X	X	X	X		X	X	X	X	X
222	Oil/water separation sludge	Toxicity	General Prohibitions	20,000	X	X		X	X	X	X		X	X	X	X	X
223	Unspecified oil-containing	Toxicity	General Prohibitions	50,000	X	X		X	X	X	X		X	X	X	X	X
231	Pesticide rinse water	Toxicity	General Prohibitions	5,000						X	X		X	X	X	X	X
232	Pesticides & other wastes associated w/pesticide production	Toxicity	General Prohibitions	5,000						X			X	X	X	X	X
241	Tank bottoms	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
251	Still bottoms w/halogenated organics	Toxicity	General Prohibitions	20,000				X	X	X	X		X	X	X	X	X
252	Other still bottom waste	Toxicity	General Prohibitions	5,000				X	X	X	X		X	X	X	X	X
271	Organic monomer	Toxicity, Ignitibility, Reactivity	Not D003, General Prohibitions	5,000				X	X	X	X		X	X	X	X	X
272	Polymeric resin	Toxicity, Ignitibility	General Prohibitions	5,000				X	X	X	X		X	X	X	X	X
281	Adhesives	Toxicity, Ignitibility	General Prohibitions	5,000				X	X	X	X		X	X	X	X	X
291	Latex	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X		X	X	X	X	X
311	Pharmaceutical waste	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
331	Off-spec., aged, or surplus organics	Toxicity	General Prohibitions	5,000	X	X		X	X	X	X		X	X	X	X	X
341	Organic liquids (non-solvent) w/halogens	Toxicity	General Prohibitions	20,000	X	X		X	X	X	X		X	X	X	X	X
342	Organic liquids w/ metals (see 121)	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
343	Unspecified Organic liquids mixtures	Toxicity	General Prohibitions	5,000	X	X		X	X	X	X		X	X	X	X	X
351	Organic solids w/halogens	Toxicity	General Prohibitions	20,000				X	X	X	X		X	X	X	X	X
352	Other organic solids	Toxicity	General Prohibitions	50,000				X	X	X	X		X	X	X	X	X
411	Alum & gypsum sludge	Toxicity	General Prohibitions	5,000	X		X	X	X		X		X	X	X	X	X
421	Lime sludge	Toxicity	General Prohibitions	5,000	X		X	X	X		X		X	X	X	X	X
431	Phosphate sludge	Toxicity	General Prohibitions	5,000	X		X	X	X		X		X	X	X	X	X
441	Sulfur sludge	Toxicity	General Prohibitions	5,000	X		X	X	X		X		X	X	X	X	X
451	Degreasing sludge	Toxicity	General Prohibitions	5,000	X		X	X	X	X	X		X	X	X	X	X
461	Paint sludge	Toxicity, Ignitibility	General Prohibitions	20,000				X	X	X	X		X	X	X	X	X
471	Paper sludge/pulp	Toxicity	General Prohibitions	5,000				X	X		X		X	X	X	X	X

TABLE 11 - CONSTITUENTS OF CONCERN, CALIFORNIA WASTE CODES

ACCEPTED WASTE CODES					HAZARDOUS WASTE MANAGEMENT UNITS												
CA Waste Code	Description	Hazardous Waste Properties	Restrictions	Estimated Annual Quantity of Waste (Tons)	M-1	M-2	M-11	F-501	F-502	Solvent Storage/ Treatment	Storage/ Treatment Tanks	Acid Rec. & Storage	Cont. Storage East	Cont. Rec. & Insp. Unit	Consol. Solids & Sludges	Bulk Solids Storage	RailCar Load/ Offload
481	Tetraethyl lead sludge	Toxicity	General Prohibitions	5,000							X		X	X	X	X	X
491	Unspecified sludge waste	Toxicity	General Prohibitions	5,000	X		X	X	X	X	X		X	X	X	X	X
511	Empty pesticide containers ≥ 30 gallons	Toxicity	General Prohibitions	5,000									X	X	X	X	X
512	Other empty containers ≥ 30 gallons	Toxicity	General Prohibitions	5,000									X	X	X	X	X
513	Empty containers < 30 gallons	Toxicity	General Prohibitions	5,000									X	X	X	X	X
521	Drilling mud	Toxicity	General Prohibitions	5,000	X		X	X	X	X	X		X	X	X	X	X
541	Photochemicals/photoprocessing	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
551	Lab waste chemicals	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
561	Detergent and soap	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
571	Fly, bottom, and retort ash	Toxicity	General Prohibitions	5,000									X	X	X	X	X
581	Gas scrubber waste	Toxicity	General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
591	Baghouse waste	Toxicity	General Prohibitions	5,000									X	X	X	X	X
611	Contaminated soil from site cleanups	Toxicity	General Prohibitions	20,000									X	X	X	X	X
612	Household waste	Toxicity, Ignitibility, Corrosivity, Reactivity	Not D003, General Prohibitions	5,000	X	X	X	X	X	X	X	X	X	X	X	X	X
711	Liquids w/cyanides >1000PPM	Reactivity	Not D003, General Prohibitions	1,000	X		X	X	X	X	X	X	X	X	X	X	X
721	Liquids w/As > 500PPM	Toxicity	Not Calif. acute hazardous <50,000 PPM Cd, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
722	Liquids w/Cd > 100PPM	Toxicity	Not Calif. acute hazardous <10,000 PPM Cd, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
723	Liquids w/ Cr > 500PPM	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
724	Liquids w/ Pb > 500PPM	Toxicity	Not Calif. acute hazardous <1,300 PPM Organic Pb, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
725	Liquids w/ Hg > 20PPM	Toxicity	Not Calif. acute hazardous <2,000 PPM Hg, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
726	Liquids w/Ni > 134PPM	Toxicity	General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X		X	X
727	Liquids w/ Se > 100PPM	Toxicity	Not Calif. acute hazardous <10,000 PPM Se, General Prohibitions	20,000	X	X	X	X	X	X	X	X	X	X	X	X	X
728	Liquids w/Tl > 130PPM	Toxicity	Not Calif. acute hazardous <70,000 PPM Tl, General Prohibitions	20,000	X	X		X	X	X	X	X	X	X	X	X	X
741	Liquids w/halogenated organic compounds > 1000PPM	Toxicity	General Prohibitions	10,000		X		X	X	X	X		X	X	X	X	X
751	Solids or sludges w/halogenated organic compounds > 1000mg/kg	Toxicity	General Prohibitions	10,000				X	X	X	X		X	X	X	X	X
791	Liquids w/ pH <2	Corrosivity	General Prohibitions	90,000	X	X						X	X	X			X
792	Liquids w/ pH <2 w/ metals	Corrosivity, Toxicity	General Prohibitions	90,000	X	X						X	X	X			X