

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

(REGION 3)

5 N. SAN FERNANDO BOULEVARD, SUITE 300
DORR BANK, CA 91504
(818) 567-3000INSPECTION REPORTQUEMETCO, INC.
720 South 7th Avenue
City of Industry, CA 91748
Site Classification: Generator and
Interim Status for the treatment
of RCRA and non-RCRA WASTE

EPA ID# CAD066233966

Inspected by: Guillermo Hernandez

Dates of Inspection: June 13 and 14, 1991

Date of Report: August 29, 1991

I. PURPOSE:

To conduct an annual Compliance Evaluation Inspection (CEI).

II. REPRESENTATIVES PRESENT:

Quemetco, Inc.:

Robert Finn, General Plant Manager
Alfredo Aviles, Plant Technical Manager
Arthur Distin, Quality Control Manager - June 13, 1991 only.Department of Health Services (DHS), Toxic Substances Control Program
(TSCP):Guillermo Hernandez, Hazardous Materials Specialist (HMS)
David Rasmussen, HMS
Robert Kou, Associate Hazardous Materials Specialist
Tam Smalstig, Associate Industrial Hygienist - June 13, 1991 only.III. OWNER/OPERATOR:Quemetco Inc., a Delaware corporation, is a subsidiary of Revere
Smelting and Refining (RSR) Corporation. Robert Finn, overlooks
Quemetco's management of hazardous waste.

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IV. BACKGROUND:

Quemetco Inc. is operating under an Interim Status Document (ISD) as a treatment, storage and/or disposal facility (TSDF).

- November 19, 1980 Part "A" application filed.
- May 16, 1983 DHS granted Quemetco an ISD for storage and treatment of hazardous waste with the stipulation that groundwater monitoring was to be conducted at the facility.
- November 18, 1984 Notice of Violation (NOV) issued to Quemetco by DHS citing:
1. Non-compliance with groundwater monitoring as noted in their ISD.
 2. Presence of groundwater contamination.
 3. Failure to report significant increases in detected groundwater constituents.
 4. Failure to submit a groundwater assessment.
- November 8, 1985 Quemetco lost authorization from DHS to operate its surface impoundment. Quemetco incorporated above ground storage tanks into its wastewater treatment system to replace the the surface impoundment. The tanks store the wastewater prior to treatment and subsequent discharge to the sewer. The facility is presently undergoing enforcement action with the Environmental Protection Agency (EPA) and DHS concerning groundwater contamination and the closure of the surface impoundment.
- November 8, 1985 Quemetco refiled part "A" reclassifying it's piles from hazardous waste to product.
- March 18, 1987 DHS conducted a compliance evaluation inspection of the Quemetco facility, and a NOV and Schedule for Compliance was issued on July 17, 1987, for not having a waste analysis plan present at the facility.

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On March 18, 1987, Quemetco was issued a Consent Decree from the United States District Court for the Central District of California and a Remedial Action Order. The Decree and Remedial Action order directed Quemetco to:

1. Eliminate use of sprinklers in the battery storage area.
2. Contain runoff from the battery storage area, polypropylene chip and hard rubber storage area, the reverberatory and electric furnace slag storage area, and from parked trucks serving those areas.
3. Take steps to minimize and contain leakage from bins and trucks.
4. Not place, treat, store, dispose, or release hazardous waste into the surface impoundment.
5. Seal all pavement cracks in the battery storage area, polypropylene chip and hard rubber storage area, scrap lead area, and the reverberatory and electric furnace slag storage area.
6. Install a berm around the battery storage area.

February 17 & 18, 1988

DHS conducted a compliance evaluation inspection at the facility.

March 4, 1988

DHS issued a Report of Violation (ROV) citing the following violations:

1. Inadequate waste analysis plan.
2. Inspection log deficiencies.
3. Inadequate training plan.
4. Contingency Plan not submitted to local police departments, hospitals, and state or local emergency response teams that may be called upon to provide emergency services.
5. No visible accumulation start dates on sixteen containers.
6. No signs posted at the entrances to the active portion of the Hazardous waste area.
7. Sixteen containers containing hazardous waste were not covered.

November 9, 1988

DHS conducted an annual compliance evaluation inspection of the facility. No violations were found.

February 15 & 20, 1990

DHS conducted an annual compliance evaluation inspection of the facility.

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March 28, 1990

DHS issued an ROV citing the following violations:

1. Waste piles were not managed to avoid dispersal by wind.
2. Quemetco has not designed, constructed, operated and maintained a run on system for their waste piles.
3. Waste piles were not protected from run on and precipitation.
4. Quemetco placed waste bearing free liquids in the filter cake, hard rubber, polypropylene chip, and separator bottoms in waste piles.
5. Quemetco did not maintain and operate the facility to minimize the possibility of any unplanned, sudden or non-sudden release of hazardous waste.
6. No closure plan available at the facility.
7. Two open drums of hazardous waste.
8. At least two drums were improperly labeled.

V. GENERAL DESCRIPTION OF FACILITY

Quemetco is a secondary lead smelter. Approximately ninety percent of the accepted feedstock is from spent automobile and truck batteries. The remaining ten percent comes from lead bearing trash. In 1990, Quemetco had 210 employees and operated 24 hours a day, seven days a week. In 1989 Quemetco processed 7.2 million batteries and in 1990 processed an average of approximately 28 thousand batteries per day. Presently Quemetco is operating at 70% capacity, due to a slow down in incoming feedstock. Quemetco is approximately 10 acres in size and is located on the northeast corner of Salt Lake Avenue and Seventh Avenue in the City of Industry.

VI. HAZARDOUS WASTE PROCESS:

Quemetco is both a hazardous waste treatment facility and a generator of hazardous waste. It is not permitted to serve as a disposal site. The Part A application indicates that the following hazardous wastes were being handled at the facility:

1. Corrosive Materials (D002)
2. Lead (D008)
3. Emission control dust from lead smelting (K069)

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Present industrial processes include the cracking of lead acid batteries, sizing and separating of battery parts and the smelting and refining of lead. Scrap pre-treatment is also employed at the facility. Quemetco produces lead for smelting, polypropylene chips for sale, and hard rubber is used as a reducing agent in the furnace.

The first step involving treatment of hazardous waste is the battery/cracker unit in which spent batteries are broken into various sized parts. Parts of casing posts, grids ect., are separated in a water float sink tank with the lighter polypropylene rising to the surface and the heavier metals settling to the bottom. The polypropylene chips are sent to another washer unit and readied for sale. The lead is sent to the furnace for smelting.

Quemetco has two furnaces onsite - an electric arc furnace and a reverberatory furnace. The electric arc furnace uses slag exclusively as its primarily feedstock. According to Finn, "slag can be sold as a product" and as a result the electric arc furnace "has not been used in two years." The reverberatory furnace uses slag and battery components as its primarily feedstock. The furnace produces 5,000 pound blocks which are fed into the melting kettles. In the melting kettles antimony and other alloys are added to produce various types of lead.

Any impurities commonly called "drosses" produced in the melting kettles are separated out and returned to the furnace for further refining. Impurities resulting from the melting operation in the reverberatory furnace are called slags. After slag is run through the furnace two or three times it is called "second run slag" and was sold to Alco Pacific in 1990, a facility in Mexico. According to Finn, Quemetco is presently sending its second run slag to its sister facility in Indianapolis, Indiana. Impurities from the melting kettles are called drosses. Tin dross as well as slag is shipped for further refining to an electric arc furnace at Quemetco's sister facility in Indianapolis, Indiana.

According to Finn, Quemetco only generates excess hard rubber and refractory material as hazardous waste. This waste is sent under manifest to U.S. Ecology in Beatty, Nevada.

VII. OBSERVATIONS:

June 13, 1991:

Rasmussen, Kou, Smalstig and I arrived at the facility at approximately 9:15 a.m. to conduct an annual compliance evaluation inspection (CEI). We met with Finn and Aviles at the front office. I stated the purpose of our visit and proceeded to request consent to conduct our inspection. I told Finn that the CEI normally involves a facility inspection, a record review and the taking of photographs and samples. I asked if that was okay and Finn stated "yes."

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Finn then granted us consent and we proceeded to carry out the purpose of our visit. Finn then described Quemetco's hazardous waste activity and general description of the facility. Finn stated that Quemetco was presently under going maintenance work due to production lines slowing down. At approximately 10:00 a. m. we donned level C personal protective equipment as required in the Hazardous Appraisal and Recognition Plan Form (See Attachment A) and began a walk-through of the facility.

While donning our equipment at the parking lot, we noticed several trailers parked inside the facility. One of the trailers was identified as a Sanders trailer, Alabama license plate TM21298 and was leaking a liquid material onto the ground (See Attachment B, Photo 1). The trailer was moved inside the facility as we proceeded to conduct our walk-through. Finn later identified the contents of the Sander trailer as "clean plastic material." We later sampled the contents of the truck and the liquid material leaking from the truck onto the ground (See Attachment B, Photos 2 & 3). Another flat bed trailer truck contained twenty pallets of batteries with several of the batteries being damaged or missing caps. Finn stated that he had transported the batteries on the flat bed trailer, California license plate YD3208 from a vendor earlier that day (See Attachment B, Photos 4 & 5). On July 14, 1991, he provided us with a copy of the Bill of Lading for the batteries (See Attachment C).

At the maintenance area we noticed two improperly labeled drums containing hazardous waste solid and the other waste oil (See Attachment B, Photos 6 & 7). The two drums did not identify the characteristics of its contents.

At the scale house incoming trucks are weighed, inspected, and sent to the staging area or the battery wrecking dock for direct unloading. Finn informed us that all of the trucks come in on appointment contracts only and that all of the manifests are stored here.

In the battery wrecking area we observed an open and unlabeled 55 gallon container, containing hard rubber chips with lead. Finn informed us the rubber chips are part of the process and that approximately once an hour chips are placed into the container. We sampled the container (See Attachment B, photos 8 & 9).

The former surface impoundment area was observed to be asphalt covered. We observed several roll-off bins improperly covered in this area. Finn informed us that the contents in the bins was soil from throughout the facility and that Quemetco treated all soil coming from the facility as hazardous waste (See Attachment B, Photo 10). We noticed that one of the roll-off bins identified by Finn as containing lead contaminated red bricks, had no label. A second roll-off bin had no accumulation date and was not covered (See Attachment B, Photo 11).

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We also observed one container containing lead contaminated soil with a warning label stating not to store Hazardous waste. Finn stated the City of Industry knew how the container was being used. We sampled the container (See Attachment B, Photo 12). We then observed two additional roll-off bins with an accumulation date of 3/13/91 being stored in this area (See Attachment B, Photos 13 & 14). The bins were storing the waste over ninety days. Finn stated the soil is being shipped to Beatty, Nevada, and that their environmental consultants, Canonie is overseeing the project.

We then continued towards the wastewater treatment unit located in the northeast of the facility. Finn stated that all water and rainwater on the facility goes through the treatment unit before being released into the sewer system. He stated that composite samples are taken every six days and sent to a private lab for testing. Finn informed us that the effluent levels presently met all standards and that there were no problems with their wastewater process.

We then proceeded to the warehouse where we observed approximately 12 containers, containing polypropylene chips. Finn informed us that it wasn't hazardous waste and that it would be recycled. And we sampled one of the containers (See Attachment B, Photos 15 & 16).

At the dirty process area, east of the furnace we observed several waste piles (See Attachment B, Photo 17). Finn described them as their raw materials area, and that all the piles are eventually returned into the process. One of the waste piles was of a paste material, we sampled the pile (See Attachment B, Photo 18). Another waste pile observed and sampled consisted of hard rubber chips (See Attachment B, Photo 19). Two other piles that we observed and sampled in the process area consisted of drosses and slag (See Attachment B, photos 20 & 21). A fifth pile consisted of filter cake and bottom sludge from the separator which is put back into the furnace to reclaim the lead. The last pile in the process area was identified as their lead bearing material.

In the parking lot area we informed Finn that we would like to sample a truck of outgoing polypropylene chips (See Attachment B, Photos 22 & 23).

At approximately 5:00 p.m., we provided Distin and Aviles with 11 split samples and told Finn that we would return the following day to complete the inspection and conduct the record review.

June 14, 1991:

At approximately 10:00 a.m. Rasmussen, Kou and I arrived at the facility office and met with Finn and Aviles.

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We stated the purpose of our second visit and proceeded reviewing the following operating records:

1. Inspection Log - The log did not note the roll-off bin in the surface impoundment not properly covered and of the two bins stored over 90 days.
2. Contingency Plan - Arrangement with local agencies was not documented in the contingency plan. Finn produced the documented arrangement from their files and proceeded to add them to Quemetco's contingency plan.
3. Manifests - One manifest had no generator signature, line # 16 (See Attachment D).
4. Biennial Report - Not available for review.
5. Closure Plan - Not available for review.
6. Financial Requirements - Certificate of insurance for closure or post-closure was shown (See Attachment E). (I'm currently awaiting confirmation from the Financial Responsibility Unit for Quemetco's compliance on liability and closure costs).
7. Training Records - Adequate upon review.

After the record review we had a discussion with management regarding several violations and issues of concern.

VIII. DISCUSSION WITH MANAGEMENT:

At the conclusion of the activities of July 14, 1991 we discussed the following issues that were observed during the July 13 and 14, 1991 inspection.

We stated our concern of the roll-off bins not properly covered, inadequately labeled and two stored in an unpermitted area over ninety days. I also stated that since Finn identified these roll-off bins as containing hazardous waste, they need to be managed as such.

We stated that many of the batteries stored on the flat bed truck had damaged casings or missing caps, and needed to be transported and stored as to minimize the release of acid and lead and protect the handlers and the environment.

We also stated that trucks containing polypropylene chips may be lead contaminated and need to be managed as hazardous waste if sample results identify them as such.

We stated our concern regarding an open 55 gallon container, containing hard rubber chips. We informed Finn that the container should be closed at all times, except when adding or removing waste. We stated that although he identified the drum as part of the process, adding waste once an hour is not adequate for it to remain open during storage.

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We stated that I would contact the Financial Responsibility Unit, to verify Quemetco's compliance with liability and closure costs.

I informed Finn that I would check the status of their closure plan and the requirements for them retaining a copy at the facility.

I stated the Department's interpretation of Quemetco's "raw materials piles," is that Quemetco should manage them as waste piles.

We handed Finn a copy of the Surveillance and Compliance Report, which discussed potential violations and a copy of a receipt for samples collected at the facility. (See Attachment F).

Finn requested a copy of all photographs taken, and we told them that we would provide him with a copy as soon as they are developed. We left the facility July 14, 1991, at approximately 3:00 p.m.

On July 24, 1991, the eleven samples collected at Quemetco were shipped to the Hazardous Materials Laboratory (HML) in Berkeley, California (See Attachment G). Samples were collected using disposable plastic scoops, used to collect one solid sample at a time. Sample containers consisted of 500 ml sized glass jars. Sample jars were transferred and stored in a way that they remained cooled in an ice chest. Each sample was placed in a pre-labeled, clean, 500 ml glass jar with a screw cap and secured with custody tape.

IX. SAMPLING SUMMARY:

During our June 13 and 14, 1991, inspection we collected twenty two samples (eleven split samples) at Quemetco. Units are in mg/kg. Values are in Total Threshold Limit Concentrations (TTLC). The eleven samples were analyze for metals (See Attachment I). Below is a summary of the samples collected for analysis:

<u>Sample</u>	<u>Sample Type and Location</u>
QDR-01	Liquid leaking from Sanders truck Alabama license plate TM21298 containing plastic material (See Attachment B, Photos 1 & 2).
QDR-02	Plastic material from Sanders truck Alabama license plate TM21298 (See Attachment B, Photos 1 & 2).
QDR-03	Lead contaminated soil being stored at unapproved roll-off bin at the former surface impoundment area (See Attachment B, Photo 12).
QDR-04	Lead contaminated soil from roll-off bin storing over ninety days (See Attachment B, Photo 13).

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- QDR-05 Opened container storing lead contaminated rubber chips in battery wrecking area (See Attachment B, Photos 8 & 9).
- QDR-06 Polypropylene chips in warehouse (See Attachment B, Photos 15 & 16).
- QDR-07 Paste material waste pile in the process area (See Attachment B, Photo 18).
- QDR-08 Hard rubber waste pile in the process area (See Attachment B, Photo 19).
- QDR-09 Dross waste pile in the process area (See Attachment B, Photo 20).
- QDR-10 Slag waste pile in the process area (See Attachment B, Photo 21).
- QDR-11 Outgoing polypropylene chips in the process area (See Attachment B, 22 & 23).

Title 22, California Code of Regulations, Section 66699 (b) lists the inorganic persistent and bioaccumulative toxic substances and their TTLC values. Laboratory results indicate that samples QDR-01, QDR-04 and QDR-11 were below the TTLC levels of 1,000 mg/kg. QDR-02 was hazardous due to the waste having a concentration for lead at 2190 mg/kg (TTLC: 1,000 mg/kg). QDR-03 was hazardous due to the waste exceeding the TTLC value for lead (1,000 mg/kg) at 15,000 mg/kg. QDR-05 was hazardous with a concentration of 21,800 mg/kg (TTLC: 1,000 mg/kg). QDR-06 was hazardous with a lead concentration of 9870 (TTLC: 1,000 mg/kg). QDR-07 was hazardous with a lead concentration 23,000 mg/kg (TTLC: 1,000 mg/kg). QDR-08 was hazardous with a lead concentration of 28,000 mg/kg (TTLC: 1,000 mg/kg). QDR-09 was hazardous due to the following properties: the sample had a copper concentration of 17,000 mg/kg (TTLC: 2,500 mg/kg), a lead concentration of 37,600 mg/kg (TTLC: 1,000 mg/kg) and a nickel concentration of 6,500 mg/kg (TTLC: 2,000). QDR-10 was hazardous with a copper concentration of 3,430 mg/kg (TTLC: 2,500 mg/kg) and a lead concentration of 31,400 mg/kg (TTLC: 1,000 mg/kg). The samples are also being analyze using Toxicity Characteristic Leachate Procedure (TCLP) and Soluble Threshold Limit Concentration, results are forthcoming.

IX. POTENTIAL VIOLATIONS:

COUNT 1: Title 22, California Code of Regulations (Cal. Code Regs.)
Section 67346.

Protection from Wind for Interim Status Facilities.

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Quemetco does not manage their waste piles to avoid dispersal by wind. In that Quemetco during the June 13 and 14, 1991 inspection, had their waste piles uncovered and failed to protect the waste piles from wind.

Evidence: Photographs #17, #18, #19, #20 and #21. Statements from Robert Finn identifying the waste piles as "raw materials piles." Lab results identifying the waste piles as hazardous (See Attachment I).

COUNT 2: Title 22, Cal. Code Regs., section 67348 (a) (2).

Containment for Interim Status Facilities.

Quemetco has not designed, constructed, operated and maintained a run on system for their waste piles. In that during the June 13 & 14, 1991 inspection, the waste piles were observed to run off the dirty process area.

Evidence: Photographs #17, #18, #19, #20 and #21. Statements from Robert Finn identifying the waste piles as "raw materials pile." Lab results identifying the waste piles as hazardous (See Attachment I).

COUNT 3: Title 22, Cal. Code Regs., section 67348 (b) (1).

Containment for Interim Status Facilities.

Quemetco has not protected the waste piles from precipitation and run on. In that during the June 13 & 14, 1991 inspection, the waste piles were observed to be uncovered and failed to protect the waste piles from precipitation and run on.

Evidence: Photographs #17, #18, #19, #20 and #21. Statements from Robert Finn identifying the waste piles as "raw materials pile." Lab results identifying the waste piles as hazardous (See Attachment I).

COUNT 4: Title 22, Cal. Code Regs., section 67348 (b) (2).

Containment for Interim Status Facilities.

Quemetco has placed waste bearing free liquids in their waste piles. In that during the June 13 & 14, 1991 inspection, waste piles were observed to contain free liquids.

Evidence: Photographs #17, #18, #19, #20, #21.

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COUNT 5: Title 22, Cal. Code Regs., section 67212 (b).

Closure Plan: Amendment of Plan.

Quemetco did not have a copy of the Closure Plan available at the facility. In that when we requested a copy of the closure plan, Finn stated "I have no copy of the closure plan, your office has a copy of the plan."

Evidence: Statement from Robert Finn.

COUNT 6: Title 22, Cal. Code Regs., section 66508 (c) (2).

Accumulation Time for the Generator.

In that Quemetco did not state the hazardous properties of two containers in the Maintenance Shop.

Evidence: Photographs #6 and #7.

COUNT 7: Title 22, Cal. Code Regs., section 67243 (a).

Management of Containers.

Quemetco had approximately twelve open containers of lead bearing Hazardous waste in the Warehouse. In that the containers holding hazardous waste shall always remain closed, except when adding or removing waste.

Evidence: Photographs #15 and # 16. Lab results identifying the contents as hazardous waste (See Attachment I)

COUNT 8: Title 22, Cal. Code Regs., section 66508 (a) (2), (3) and (c).

Accumulation Time for Generator.

Quemetco failed to properly label approximately twelve containers of hazardous waste in the warehouse. In that the containers had no label or failed to mark the following:

- 1) The date when accumulation began
- 2) The words "Hazardous Waste"
- 3) Composition and physical state of waste
- 4) Statement or statements which call attention to the particular properties of the waste.
- 5) Name and address of person producing the waste.

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Evidence: Photographs #15 and #16. Lab results identifying the contents as hazardous waste (See Attachment I).

COUNT 9: Title 22, Cal. Code Regs., section 66822 (b), (1).

Management of Spent Lead-acid Storage Batteries.

Quemetco failed to manage damaged batteries so as to minimize the release of acid and lead and to protect the handlers and the environment including at a minimum:

A damaged battery shall be stored and transported in a non-reactive, structurally secure, close container capable of preventing the release of acid and lead. In that batteries were observed to have missing caps and/or cracked, and weren't managed so as to minimize the release of acid and lead.

Evidence: Photographs #4 and #5. Robert Finn stated that the batteries were being stored, transported and managed as observed during the June 13 and 14, 1991 inspection (See Photographs #4 and #5).

COUNT 10: Title 22, Cal. Code Regs., section 67243 (a).

Management of Containers.

Quemetco had two opened containers of hazardous waste on the asphalt covered surface impoundment. In that containers holding hazardous waste shall be closed at all times, except when adding or removing waste.

Evidence: Photograph #10, #11 and statements from Robert Finn identifying the contents as hazardous waste.

COUNT 11: Title 22, Cal. Code Regs., section 66508 (a).

Accumulation Time for the Generator.

In that Quemetco accumulated hazardous waste in two containers on the asphalt covered surface impoundment over ninety days.

Evidence: Photographs #12 and #13.

COUNT 12: Title 22, Cal. Code Regs., section 67243 (a)

Management of Containers

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Quemetco had one open container of hard rubber chips with lead in the battery wrecking area. In that Quemetco failed to keep the container closed, except when adding or removing waste.

Evidence: Photographs #8 and #9. Lab results, identifying the contents as hazardous waste (See Attachment I).

X. ATTACHMENTS:

- A: Hazard Appraisal and Recognition Plan Form - three page
- B: Photographs - twelve pages
- C: Battery Bill of Lading - one page
- D: Manifest - one page
- E: Certificate for Closure - one page
- F: Sample Receipt and Surveillance Report - two pages
- G: Sample Analysis Request Form - two pages
- H: Environmental Protection Agency Checklists - forty seven pages
- I: Lab Results - three pages

XI. SIGNATURES:



Guillermo Hernandez
Hazardous Materials Specialist

8/30/91
Date Submitted



Roy Yeaman
Senior Hazardous Materials Specialist

8/30/91
Date Approved

ATTACHMENT A

Hazard Appraisal and Recognition Plan Form

HAZARD APPRAISAL AND RECOGNITION PLAN PRESITE VISIT FORM

SECTION A. FIELD TEAM

ed By: Guillermo Hernandez
 Date: 6/5/91
 Phone: (818) 567-3071

Name	Unit/Agency	Responsibility Lead Field Staff
1. <u>Guillermo Hernandez</u>	<u>FMB</u>	<u>Lead</u>
2. <u>Dave Rasmussen</u>	<u>FMB</u>	<u>Smelter</u>
3. <u>Robert Kay</u>	<u>FMB</u>	<u>Waste stream / dust</u>
4. <u>Tom Smiley</u>	<u>TSSB</u>	<u>Site safety</u>
5. _____	_____	_____
6. _____	_____	_____

SECTION B. SITE DESCRIPTION

Site Name: Quemetco Inc.
 PCA No.: _____
 Address: 720 S Seventh Ave
 City: Clovis, Ind. State: CA ZIP: _____
 Site Phone No.: (514) 730-2794

NOTE: Attach Map of Site and Hospital
 Contact Person: Raymond or Howard FMB
 Type of Operation/Waste Stream (Describe): Secondary lead smelter

Purpose of Visit (Describe): To conduct an EET of the facility

Site Visit Date(s): June 13, 1991
 Estimated Time on Site: _____ Hours/Day 8 Days 1
 Nearest Hospital and Address: Queen of the valley Hospital
1115 S Sunland Ave
 No.: (818) 962-4011

SECTION C. NUMBER OF SAMPLES TO BE COLLECTED

Air	_____	Surface Impoundment	_____
Drum(s)	<u>2</u>	Surface Water	_____
Groundwater	_____	Tank(s)	_____
Soil/Sediment	<u>2</u>	Waste/Sludge	<u>2</u>
Sump/Pit	_____	Other	<u>1 (waste oil)</u>

SECTION D. POTENTIAL HAZARDS

- Chemical Hazards
 - Developmental Health Hazards (Teratogen)
 - Reproductive Health Hazards
 - Carcinogens
 - Corrosives D008
 - Dusts
 - Explosives
 - Flammables
 - Inorganic Gases
 - Metals Pb (ambient air levels is above PEL)
 - Oxidizers
 - PCBs
 - Pesticides
 - Solvents
- Physical Hazards
 - Confined Space (Source: _____)
 - Heat or Cold Stress (Expected Temp.: _____ °F)
 - Machinery/Construction
 - Noise (Source/Decibels: _____)
 - Oxygen Deficiency
 - Radioactive Materials
 - Unknown/Other _____
- Biohazards
- Skin Absorption
- Other (Specify): _____

SECTION E. BASIC INFORMATION ON POTENTIAL HAZARDS

(Attach copies of HARP Chemical Data Sheets or other appropriate information as suggested in instructions.)

SECTION F. EXPOSURE CONTROL METHODS

- Engineering Administrative Work Practices
- Describe: Minimize exposure to dusts, wipe piles and areas which are above the PEL for lead. Take the proper level of protection for areas above the PEL for lead.

SECTION G. REQUIRED PERSONAL PROTECTIVE EQUIPMENT

- Level of Protection: B C D
- Glove(s): Outer = O, Inner = I
- Cotton/Vinyl
 - Silver Shield
 - Neoprene
 - Nitrile
 - PVC/Monkey Grip
 - Grip Glove/Kevlar (S, M, L)
 - Viton
- Suit:
- Cloth Coveralls
 - Tyvek
 - P. E. Tyvek
 - Saranex
 - PVC
 - Baracade/Chemtuff
 - Other _____
- Respirator: A/P Cartridge: GMC-14 SCBA Escape (ELSA - 5 Min.)

Other Safety Gear:

- Binoculars
- Boot Covers
- Boots
- Eye Protection
- Hard Hats
- Hearing Protection Plugs _____ Muff _____
- Safety Vest
- Two-Way Communication Kit
- Other: _____

SECTION H. SURVEY EQUIPMENT

- Combustible Gas/Oxygen Meter
 - Photoionization Detector
 - Organic Vapor Analyzer (OVA)
 - Dragger Tubes (Specify: _____)
 - pH Meter/Paper
 - Covers for Respirators
 - Safety Vest
 - Two-Way Communication Kit
 - Binoculars
 - Aerosol/Particle Monitor
 - Other (Specify: _____)
- Probe: _____
- TLV Sniffer
- WBGT Meter Noise Dosimeter
- Radiation Meter (Victoreen 400)
- Audiotape

SECTION I. OTHER HYGIENE AND SAFETY EQUIPMENT

- | Available On Site | Bring | |
|--------------------------|--------------------------|-------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Canopy/Tarp/Umbrella |
| <input type="checkbox"/> | <input type="checkbox"/> | Drinking Water |
| <input type="checkbox"/> | <input type="checkbox"/> | Shower/Eye Wash |
| <input type="checkbox"/> | <input type="checkbox"/> | Fire Extinguisher |
| <input type="checkbox"/> | <input type="checkbox"/> | First Aid Kit |
| <input type="checkbox"/> | <input type="checkbox"/> | Plastic Sheeting/Buckets/Bags |
| <input type="checkbox"/> | <input type="checkbox"/> | Portable Toilets |
| <input type="checkbox"/> | <input type="checkbox"/> | Washing Facilities |
- V Transportation for food, PPE, FA KIT

SECTION J. PERSONAL MONITORING

- Heart Rate Oral Temperature
- Do You Need Industrial Hygiene Monitoring? Yes NO
- If Yes, What Type? Noise Air Other (Specify: _____)

SECTION K. REVIEW/APPROVAL

[Signature] Date: 6/7/91
 Health and Safety Unit (Review)

[Signature] Date: 6-10-91
 Supervisor (Approval)

Deamon Ambrose for review
It will be done, sent with you. Thank U for help

(Page 1 of HARP completed on 6/17/91
(Form No. From Page 1 1)

HAZARD APPRAISAL AND RECOGNITION PLAN DAILY SITE VISIT DOCUMENT

You conduct a preentry briefing: Yes No If "No," please explain: _____

SECTION A. PREPARED BY (Site Safety Officer): Guillermo Hernandez Describe Work Performed: CEI, Sampling, document review

Date: 6/14/91 Phone: (818) 567-3021

Site Name: Goldenrod

Site Visit Date: 6/13 & 6/14/91 Time on Site (hours): 6/13-8 6/14-6

SECTION B. TSCP PERSONNEL

	Protection Level	Duration PPE Worn (hours)	Activity Performed
1. <u>Guillermo Hernandez</u>	<u>C-6/13/10-6/14</u>	<u>6/13=8 6/14=6</u>	<u>Field inspector, document review</u>
2. <u>Robert KOU</u>			<u>documentator, field inspector</u>
3. <u>Ave Rasmussen</u>			<u>Sampler, field inspector</u>
4. <u>Tom Swalshy</u>	<u>6/13=C</u>	<u>6/13-8</u>	<u>Industrial Hygienist</u>
5. _____			
6. _____			

SECTION C. DESCRIBE TYPE OF PERSONAL PROTECTIVE EQUIPMENT WORN (Identify personnel by number used above.)

	Clothing	Gloves	Respirator (cartridge)	Other
1.	<u>Tyvek</u>	<u>silver sand</u>	<u>6M C-11</u>	
2.	<u>Tyvek</u>	<u>Latex</u>	<u>6M C-11</u>	
3.	<u>Tyvek</u>		<u>6M C-11</u>	
4.	<u>Tyvek</u>		<u>6M C-11</u>	
5.				
6.				

SECTION D. DID RESPIRATOR BREAKTHROUGH OCCUR? Yes No Explain: _____
WERE THERE ANY PROBLEMS? Yes No Explain: _____

SECTION E. SURVEY EQUIPMENT USED AND READINGS OBTAINED

	Instrument	Location	Time	Reading	Description/Background
1.					
	ID No.:				
	Calib. Date:				
	ID No.:				
	Calib. Date:				
3.					
	ID No.:				
	Calib. Date:				

SECTION F. WAS PERSONAL MONITORING CONDUCTED? Yes No If yes, type _____

SECTION G. SAMPLES COLLECTED Fluor - waste piles, in containers

SECTION H. INDICATE METHOD(S) OF DECONTAMINATION OF PPE/MONITORING EQUIPMENT/VEHICLES

Describe: PPE - was disposed of or sent (overalls) for cleaning.

SECTION I. EXPOSURE SYMPTOMS? Yes No If yes, check items below (Identify personnel by number used above.)

<input type="checkbox"/> Nose/Throat Irritation	<input type="checkbox"/> Faint/Dizzy	<input checked="" type="checkbox"/> Eye Irritation	<input type="checkbox"/> Other
<input type="checkbox"/> Headache	<input type="checkbox"/> Chills	<input type="checkbox"/> Physical Injuries	
<input type="checkbox"/> Heat Stress	<input type="checkbox"/> Skin Irritation	<input type="checkbox"/> Nausea	

Explanation (Identify personnel by number used above.):

Person	Effects Reported to Supervisor		Effects Reported to Industrial Hygienist		Medical Treatment Given (Explain)		Explanation
	Yes	No	Yes	No	Yes	No	

Roy Ylaman
Supervisor Signature

6-19-91
Date

SEE 47 MAP



48
A
B
C
D
E
F
48

SEE 42 MAP

50

SEE 92 MAP

LOS ANGELES CO.

720 S. 7th Ave

6

ATTACHMENT B

Photographs



Photo No. 1 Date June 13, 1991 Inspector G. Hernandez
Description Sanders trailer containing plastic material.



Photo No. 2 Date June 13, 1991 Inspector G. Hernandez

Description Sample (QDR-01 & 01a) of leaking liquid from Sanders trailer containing plastic material.

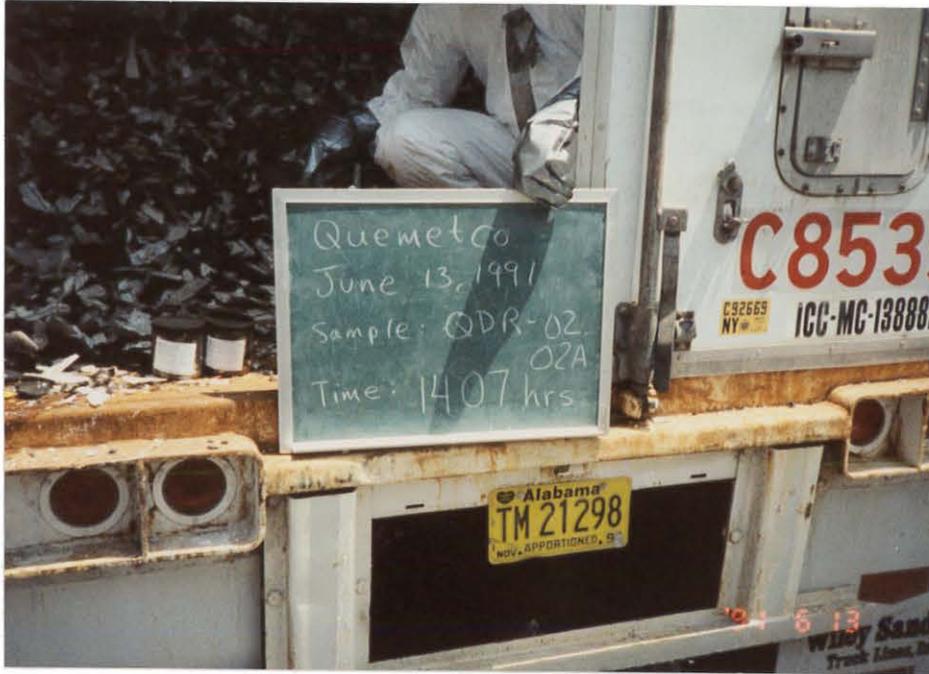


Photo No. 3 Date June 13, 1991 Inspector G. Hernandez

Description Sample of (QDR-02 & 02a) plastic material in the Sanders trailer.



Photo No. 4 Date June 13, 1991 Inspector G. Hernandez

Description Flat bed trailer containing damaged batteries at the storage area.



Photo No. 5 Date June 13, 1991 Inspector G. Hernandez

Description Flat bed trailer containing damage batteries at the storage area.



Photo No. 6 Date June 13, 1991 Inspector G. Hernandez

Description Photo showing one 55 gallon drum of hazardous waste not stating the physical properties of its contents. Drum was located in the maintenance area.



Photo No. 7 Date June 13, 1991 Inspector G. Hernandez

Description Photo showing one approximately 75 gallon drum of hazardous waste, not stating the physical characteristics of its contents. Drum was located in the maintenance area.



Photo No. 8 Date June 13, 1991 Inspector G. Hernandez

Description One opened container of hard rubber chips with lead in the battery wrecking area.



Photo No. 9 Date June 13, 1991 Inspector G. Hernandez

Description Photo of sample (QDR-05 & 05a) collected from opened container with rubber chips and lead in the battery wrecking area.



Photo No. 10 Date June 13, 1991 Inspector G. Hernandez

Description Photo of improperly covered roll-off bin identified as containing lead contaminated soil. Located at the asphalt covered surface impoundment.



Photo No. 11 Date June 13, 1991 Inspector G. Hernandez

Description Photo of a second roll-off bin improperly covered, identified as containing lead contaminated soil. Located at the asphalt covered surface impoundment



Photo No. 12 Date June 13, 1991 Inspector G. Hernandez

Description Photo of sample of lead contaminated soil collected from a roll-off bin at the asphalt covered surface impoundment. Note container states not to store hazardous waste.



Photo No. 13 Date June 13, 1991 Inspector G. Hernandez

Description Photo of sample (QDR-04 & 04a) collected from roll-off bin adjacent to wastewater treatment unit. Container was storing ~~soil~~ contaminated soil over ninety days.



Photo No. 14 Date June 13, Inspector G. Hernandez

Description Photo of roll-off bin storing lead contaminated soil over ninety days. Roll-off was located at the asphalt covered asphalt surface impoundment.



Photo No. 15 Date June 13, 1991 Inspector G. Hernandez

Description Photo of former approximately twelve containers, containing polypropylene chips in the warehouse.



Photo No. 16 Date June 13, 1991 Inspector G. Hernandez

Description Photo of sample (QDR-06 & 06a) from a container, containing polypropylene chips in the warehouse.



Photo No. 17 Date June 13, 1991 Inspector G. Hernandez

Description Photo of several waste piles observed in the process area.



Photo No. 18 Date June 13, 1991 Inspector G. Hernandez

Description Photo of sample (QDR-07 & 07a) collected from the paste material waste pile in the process area.



Photo No. 19 Date June 13, 1991 Inspector G. Hernandez

Description Photo of sample (QDR-08 & 08a) collected from the hard rubber waste pile at the process area.



Photo No. 20 Date June 13, 1991 Inspector G. Hernandez

Description Photo of sample (QDR-09 & 09a) collected from dross waste pile at the process area.



Photo No. 21 Date June 13, 1991 Inspector G. Hernandez

Description Photo of sample (QDR-10 & 10a) collected from the slag waste pile in the process area.



Photo No. 22 Date June 13, 1991 Inspector G. Hernandez

Description Photo of truck containing polypropylene chips in storage area.



Photo No. 23 Date June 13, 1991 Inspector G. Hernandez

Description Photo of sample (QDR-11 & 11a) collected from outgoing polypropylene chips in the storage area.

ATTACHMENT C

Batteries Bill of Lading

TRAIGHT BILL OF LADING ORIGINAL - NOT NEGOTIABLE

Shipper's No. **05505**

CARRIER: RSR CORP./QUEMETCO, INC.

SCAC

Carrier's No. _____
Date _____

TO:
Consignee RSR CORP./QUEMETCO, INC.
Street 720 South 7th Avenue
Destination Industry, CA Zip 91745

FROM: ABC BATTERY CO ALLO BATTERY
Shipper 10810 GARFIELD AVE
Street SOUTH GATE CA
Origin Zip 90280

Route: _____

Vehicle Number _____

No. Shipping Units	HM	Kind of Packages, Description of Articles (IF HAZARDOUS MATERIALS - PROPER SHIPPING NAME)	HAZARD CLASS	I.D. Number	WEIGHT (subject to correction)	RATE	LABELS REQUIRED (or exemption)
20		BATTERY, WET, FILLED WITH ACID, LOADED PER 49 CFR 173.260(e)	CORROSIVE MATERIAL	UN2794			
		20 PALLETS					

Remit C.O.D. to:
Address: _____
City: _____ State: _____ Zip: _____

COD Amt: \$

C.O.D. FEE:
Prepaid
Collect \$

E — Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property. The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding \$ _____ Per _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
(Signature of Consignor)

FREIGHT CHARGES
 PREPAID COLLECT

RECEIVED, subject to the classifications and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

PLACARDS REQUIRED

No. 173.260(e)

PLACARDS SUPPLIED

YES NO — FURNISHED BY CARRIER
DRIVER SIGNATURE: _____

SHIPPER: _____

CARRIER: RSR CORP./QUEMETCO, INC.

PER: _____

PER: _____

DATE: 6-13-91

DATE: 6-13-91

EMERGENCY RESPONSE TELEPHONE NUMBER: (800) 424-9300

Monitored at all times the Hazardous Material is in transportation including storage incidental to transportation (172.604).

Please print or type. Form designed for use on elite (12-pitch typewriter).

and Front of Page 7

UNIFORM HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. D 0 0 8 3 2 3 3 8 8	Manifest Document No. H 0 0 1 6	Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Johnson Controls, Inc. 1550 E. Kimberly, Fullerton CA 92634			A. State Manifest Document Number 91005234		B. State Generator's ID HA 1013161-1010151310191
4. Generator's Phone (714) 871-7740			C. State Transporter's ID 114088		
5. Transporter 1 Company Name Johnson Controls, Inc.		6. US EPA ID Number CA ID 10 10 18 13 12 13 13 18 18		D. Transporter's Phone (714) 871-7740	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID	
9. Designated Facility Name and Site Address Quemetco, Inc. 720 S. 7th Ave. Industry, CA 91744		10. US EPA ID Number CA ID 10 16 16 12 13 13 19 16 16		G. State Facility's ID CA ID 06161213191616	
				H. Facility's Phone (818) 330-2294	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, Hazardous Waste Solid, N.O.S. ORM-E NA9189		6 0	DM	30596	P
					State 181
					EPA/Other D008
b.					State
					EPA/Other
c.					State
					EPA/Other
d.					State
					EPA/Other
J. Additional Descriptions for Materials Listed Above (a) Battery Plates (50% lead, 41% lead oxide)			K. Handling Codes for Wastes Listed Above a. 0 b. c. d.		
15. Special Handling Instructions and Additional Information (a) use glasses, gloves and respirator					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Sher Scotti		Signature		Month Day Year 10 2 12 91	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Charles Scotti</i>		Signature <i>Charles Scotti</i>		Month Day Year 2 14 91	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Gregory D. Corio		Signature <i>Gregory D. Corio</i>		Month Day Year 10 21 14 91	

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7550

GENERATOR

FACILITY

Do Not Write Below This Line

White: TSDF SENDS THIS COPY TO DOHS WITHIN 30 DAYS
To: P.O. Box 3000, Sacramento, CA 95812

ATTACHMENT D

Manifest

ATTACHMENT E
Certificate for Closure

CERTIFICATE OF INSURANCE FOR CLOSURE OR PC... -CLOSURE CARE

Name and Address of Insurer (herein called the "Insurer"):

Environmental Service Insurance Company
7 Burlington Square, Burlington, VT 05401

Name and Address of Insured (herein called the "Insured"):

Quemetco, Inc.
1111 West Mockingbird Lane, Dallas, TX 75257

Facilities Covered:

EPA #IND000199653, Quemetco, Inc.
900 Quemetco Drive, Indianapolis, IN 46231
Closure Insurance Amount: \$226,171

Face Amount: \$236,395

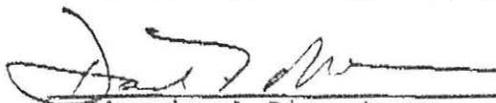
Policy Number: 100201

Effective Date: March 1, 1991

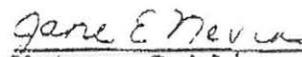
The Insurer hereby certifies that it has issued to the Insured the policy of insurance identified above to provide financial assurance for closure for the facilities identified above. The Insurer further warrants that such policy conforms in all respects with the requirements of 329 IAC 3-22-8 and 329 IAC 3-22-18, 329 IAC 3-47-4(e) or 329 IAC 3-47-6(3) (see 329 IAC 3-47-10(e)) as applicable and as such regulations were constituted on the date shown immediately below. It is agreed that any provision of the policy inconsistent with such regulations is hereby amended to eliminate such inconsistency.

Whenever requested by the DEM commissioner, the Insurer agrees to furnish to the DEM commissioner a duplicate original of the policy listed above including all endorsements thereon.

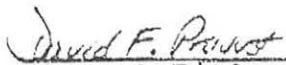
I hereby certify that the wording of this certificate is identical to the wording specified in 329 IAC 3-22-30 as such regulation was constituted on the date shown immediately below.



Authorized Signature



Notary Public



Name & Title

4/1/91

Date

ATTACHMENT F

Sample Receipt and Surveillance Report

DEPARTMENT OF HEALTH SERVICES

TOXIC SUBSTANCES CONTROL PROGRAM (REGION 3)

1405 N. SAN FERNANDO BOULEVARD, SUITE 300

JRBANK, CA 91504

(818) 567-3000



SURVEILLANCE AND COMPLIANCE REPORT
HAZARDOUS WASTE GENERATORS/
TRANSPORTERS/TSDFs

Date of Inspection 6/14¹³ 1991

CAD 0662 33966

Guillermo Hernandez

EPA I.D. #

Inspector's Name:

Facility Name/Address:

Mailing Address:

Ownership:

Quemetco, Inc

725 S 7th Ave

County Los Angeles

Type of business:

Persons present:

Contact Person

Robert Finn

Secondary lead smelter

Robert Finn - Quemetco

Alfredo Aviles - Quemetco

Arthur D. Stein 6/13 only - Quemetco

Guillermo Hernandez - DHS

Robert Key, Dave Rasmussen - DHS

Tom Smalstad - 6/13 only - DHS

Phone # (818) 330-2294

Samples taken: Yes (receipt attached) No

Plan of Correction necessary: Yes (Due date: _____) No

Discussions with Management: Consent Requested on 6/13/91 by G. Hernandez and ok. by Mr. Finn
Potential Violations - (1) No H.W. signs in front gate (2) Storing H.W. in a structurally insecure container
(3) Transportation of Damaged batteries (4) Incomplete label on drum in maintenance shed.
(5) Open container by battery crushing area (6) Mismanagement of H.W. (polypropylene chips) in truck
License plate TM 212980 (7) Dumpsters - (A) incomplete label (B) incomplete label (C) unapproved container
(D) incomplete label (E) over 90 days, not stored in a designated area (F) > 90 days, no EPA #, stored
in unapproved or unpermitted area. (8) NO closure plan

Facility operating under: ISD Permit Other

On this date an inspection of your facility was conducted under authority of Section 25185, California Health and Safety Code (H&SC) and Section 66328, Title 22, California Code of Regulations. The collection of samples or other evidence, including the taking of photographs, was done under authority of Section 66328, Title 22, California Code of Regulations. Specific violations of one or more Sections of the H&SC; Title 22, California Code of Regulations; or Code of Federal Regulations, Part 40 are noted above. These violations relate to the generation, storage, handling, transportation, and/or disposal of hazardous and extremely hazardous waste.

Authorized Representative of Firm *

Name Robert E. Finn

Title Plant MGR.

Signature [Signature]

Date 6/14/91

Authorized State Agent

Name Guillermo Hernandez

Title Hazardous Materials Specialist

Signature _____

Date 6/14/91

* Signature of firm representative signifies receipt of copy of this form

June 14, 1991

Quemetco, Inc

720 S. 7th Avenue

City of Industry CA 91748

EDA ID #: CAD066233966

On June 13, 1991, 22 samples were collected at Quemetco Inc. Eleven (11) sample were given to Arthur Distin of Quemetco on June 13, 1991 (split samples).

G. Hernandez

G. HERNANDEZ, DHS

6/14/91

DATE

Rat

QUEMETCO REPRESENTATIVE

6/14/91

DATE

ATTACHMENT G

Sample Analysis Request Form

HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST		All applicable items must be completed	1. HML No. To <u>HM6 0602</u>	2. Page of																																																																						
Collector/Address <u>Guillermo Hernandez 1105 N San Antonio Blvd Berkeley CA 94701</u>		4. Phone (San) <u>567 - 3024</u>		5. Priority <input checked="" type="checkbox"/> <u>Esley</u> a. Authorized by																																																																						
6. Date Sampled <u>6/13/91</u>	7. Time Sampled	8. Codes (fill in all applicable codes)																																																																								
9. Activity <input checked="" type="checkbox"/> Enf <input type="checkbox"/> Surv <input type="checkbox"/> Site Mit <input type="checkbox"/> Permitting <input type="checkbox"/> Ait Tech <input type="checkbox"/> Other		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>a. STC</td><td><u>3</u></td><td><u>0</u></td><td><u>0</u></td><td><u>1</u></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>b. Region</td><td><u>5</u></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>c. TPC</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>d. INDEX</td><td><u>7</u></td><td><u>0</u></td><td><u>4</u></td><td><u>0</u></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>e. PCA</td><td><u>3</u></td><td><u>2</u></td><td><u>0</u></td><td><u>7</u></td><td><u>0</u></td><td></td><td></td><td></td><td></td></tr> <tr><td>f. SITE</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>g. County</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>			a. STC	<u>3</u>	<u>0</u>	<u>0</u>	<u>1</u>						b. Region	<u>5</u>									c. TPC										d. INDEX	<u>7</u>	<u>0</u>	<u>4</u>	<u>0</u>						e. PCA	<u>3</u>	<u>2</u>	<u>0</u>	<u>7</u>	<u>0</u>					f. SITE										g. County									
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f. SITE																																																																										
g. County																																																																										
10. SAMPLING LOCATION <u>CAD066233966</u> a. EPA ID No.		b. Site <u>Quarant</u>																																																																								
c. Address <u>720 S. 7th St. Berkeley CA 94701</u> Number Street City Zip																																																																										
11. SAMPLES																																																																										
a. ID	b. Collector's No.	c. HML No.	Container		g. Field Information																																																																					
A.	<u>QDR-01</u>		<u>Liquid</u>		<u>Truck - Liquid</u>																																																																					
B.	<u>QDR-02</u>		<u>plastic</u>		<u>Truck - pl</u>																																																																					
C.	<u>QDR-03</u>		<u>Soil</u>		<u>soil</u>																																																																					
D.	<u>QDR-04</u>		<u>Soil</u>		<u>soil</u>																																																																					
E.	<u>QDR-05</u>		<u>K. 6601</u>		<u>11.6 container</u>																																																																					
F.	<u>QDR-06</u>		<u>plastic</u>		<u>plastic container</u>																																																																					
G.	<u>QDR-07</u>		<u>plastic</u>		<u>plastic material pl</u>																																																																					
H.	<u>QDR-08</u>		<u>A. 6601</u>		<u>plastic pl</u>																																																																					
12. ANALYSIS REQUESTED																																																																										
a. <input type="checkbox"/> pH	f. <input type="checkbox"/> PCB	k. <input type="checkbox"/> Ext. Org (Screening)																																																																								
b. <input checked="" type="checkbox"/> Metal Scan	g. <input type="checkbox"/> VOA	l. <input type="checkbox"/> Chlorinated Pesticides																																																																								
c. <input type="checkbox"/> Metals (Spec)	h. <input type="checkbox"/> PAH	m. <input type="checkbox"/> Organo-P Pesticides																																																																								
d. <input type="checkbox"/> W.E.T.	i. <input type="checkbox"/> Phenols	n. <input type="checkbox"/>																																																																								
	j. <input type="checkbox"/> Carbamates	o. <input type="checkbox"/>																																																																								
13. CHAIN OF CUSTODY																																																																										
a. <u>Esley</u> Signature	<u>Guillermo Hernandez / HWS</u> Name/Title	<u>6/13/91 - 6/15/91</u> Inclusive Dates																																																																								
b. _____ Signature	_____ Name/Title	_____/_____/_____-_____/_____/_____ Inclusive Dates																																																																								
c. _____ Signature	_____ Name/Title	_____/_____/_____-_____/_____/_____ Inclusive Dates																																																																								
d. _____ Signature	_____ Name/Title	_____/_____/_____-_____/_____/_____ Inclusive Dates																																																																								
14. SPECIAL REMARKS _____																																																																										
15. RECEIVED BY _____ a. Title _____ b. Date _____																																																																										
16. SAMPLE ALLOCATION a. <input type="checkbox"/> HML-Berkeley b. <input type="checkbox"/> HML-SC c. <input type="checkbox"/> AIHL d. <input type="checkbox"/> Contract b. Date _____																																																																										
17. ANALYSIS REQUESTED _____																																																																										

FILED

LAB

HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST

All applicable items
must be completed

1. HML No.
To HML60012

2. Page
of

Collector/Address Guillermo Hernandez
1422 N. 5th Street, #12
LA 511, 91104

4. Phone (615) 361-3274

5. Priority
a. Authorized by [Signature]

6. Date Sampled 6/15/91

7. Time Sampled _____ Hours

8. Codes (fill in all applicable codes)

9. Activity Enf Surv Site Mit Permitting Ait Tech Other

a. STC	3	0	0	1					
b. Region	5								
c. TPC									
d. INDEX	7	0	4	0					
e. PCA	3	7	0	2	0				
f. SITE									
g. County									

10. SAMPLING LOCATION CANULOGUE 33766
a. EPA ID No.

b. Site [Signature]

c. Address 77 LA 11304
Number Street City Zip

11. SAMPLES

a. ID	b. Collector's No.	c. HML No.	Container			g. Field Information
			d. Type	e. Type	f. Size	
A.	<u>QDR-09</u>		<u>Drosses</u>			<u>Waste pile</u>
B.	<u>QDR-10</u>		<u>Slag</u>			<u>Waste pile</u>
C.	<u>QDR-11</u>		<u>plastic bags</u>			<u>v. large plastic</u>
D.						
E.						
F.						
G.						
H.						

12. ANALYSIS REQUESTED

- a. pH
- b. Metal Scan
- c. Metals (Spec)
- d. W.E.T.
- f. PCB
- g. VOA
- h. PAH
- i. Phenols
- j. Carbamates
- k. Ext. Org (Screening)
- l. Chlorinated Pesticides
- m. Organo-P Pesticides
- n.
- o.

13. CHAIN OF CUSTODY

a. <u>[Signature]</u> Signature	<u>Guillermo Hernandez/HMS</u> Name/Title	<u>6/13/91 - 6/18/91</u> Inclusive Dates
b. _____ Signature	_____ Name/Title	_____ Inclusive Dates
c. _____ Signature	_____ Name/Title	_____ Inclusive Dates
d. _____ Signature	_____ Name/Title	_____ Inclusive Dates

14. SPECIAL REMARKS

15. RECEIVED BY _____ a. Title _____ b. Date _____

16. SAMPLE ALLOCATION a. HML-Berkeley b. HML-SC c. AIHL d. Contract b. Date _____

17. ANALYSIS REQUESTED _____

ATTACHMENT H

Environmental Protection Agency Checklists

GENERATORS OF HAZARDOUS WASTE
CEI Checklist

SITE ID# CAD066233966 INSPECTION DATE: June 13, 14, 1991

SITE NAME: Quemetro, INC.

LOCATION: 720 S. Seventh Ave.

City of Industry
City

CA 91748
State Zip

LEAD INSPECTOR: Guillermo Hernandez

OFFICE: Region 3

TYPE OF INSPECTION: GENERATOR ONLY GENERATOR PORTION OF CEI

OTHER

INDEX FOR GENERATOR CHECKLIST

<u>Description</u>	<u>Pages</u>
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NOTE: This checklist is designed to be used with the regulations, not to replace them. You should understand the cited section before answering the question. Sections cited are shown in brackets, with the number before the slash being the State citation and the number after the slash being the Federal citation: [State/Federal]. A dash only on one side of the slash indicates there is no corresponding State or Federal citation.

Yes No Comment

Scoping of Checklist

Does the facility generate a RCRA regulated hazardous waste?

If no, omit pages 16 through 19, and questions with no State section cited.

Does the generator qualify as a RCRA conditionally exempt small quantity generator by:

Generating less than 100 kg/mo, and accumulating less than 1000 kg of RCRA H.W. on site? [-/261.5(a),(g)] or:

Generating and accumulating less than 1 kg. of RCRA acute H.W., or 100 kg of RCRA acute H.W. contaminated soil or spill residues? [-/261.5(e)(1-2)]

Does the facility generate between 100 and 1000 kg of RCRA non-acute* H.W. per month, and never accumulate more than 6000 kg of H.W. on site?

* Generators of more than 1 kg/mo, or who accumulate more than 1 kg at any time, of RCRA acute H.W. (listed in 261.33(e)) are fully regulated RCRA generators. (Reference -/261.5(f)(2))

Does the generator accumulate RCRA regulated H.W. onsite in tanks?

If yes, add Part 265, Subpart J checklist.

Is the facility a farmer generating waste pesticide(s)?

If no, omit page 15.

Has the generator exported H.W. in the last 3 years?

Quemateco sent 2nd run
5kg and dresses to
ALCO PACIFIC. Last
shipment was in 1990

If no, omit pages 16 through 20.

NOTE: This page is designed to help you identify non-applicable sections of the checklist. A "No" answer on this page does not indicate a violation.

Yes No Comment

Generators - General

Has the generator of solid wastes made a hazardous waste (H.W.) determination by determining if the waste is:

___ ✓ ___

Excluded from regulation under 261.4?
[-/262.11(a)]

___ ✓ ___

Listed as a H.W. in CCR Articles 9 &
11 or 261 Subpart D?
[66471(a)/262.11(b)]

___ ✓ ___

Exhibits characteristic identified in
Article 11, CCR/261 Subpart C, by
either: [66471(b)-/261.11(c)-]

Quemetco doesn't determine if their waste piles, and Run slays and drosses are H.W. Quemetco

(1) Testing the waste?

___ ✓ ___ identifies them as "Recyclable materials!"

(2) Applying knowledge of the hazard characteristic of the waste in light of the materials or the process used?

___ ✓ ___

Excluded or restricted under 264, 265,
or 268, if determined hazardous?
[-/262.11(d)]

___ ✓ ___

Note: See Part 268 checklist for Land Ban restricted wastes generator requirements.

Has the generator applied for and obtained an EPA ID number before treating, storing, disposing of, transporting, or offering for transport their H.W.? [66472(a)&(d)/262.12(a)]

___ ✓ ___

Have they offered H.W. only to transporters or TSDs with an EPA ID#? [66472(c)/262.12(c)]

___ ✓ ___

Generator does not handle or dispose of extremely hazardous waste except in compliance with a permit from the Department? [66570/-]

___ ✓ ___

Manifests

Does the generator: [66480-/262.20-]
 (a) [& 66481(b)] Does the generator prepare a complete manifest according to the instructions (see Part 262 Appendix) before transporting H.W. off-site?

(b) Does the generator designate on the manifest one facility which is permitted to handle the H.W.?

(d) If delivery to designated facility is prevented, has the generator designated another facility or instructed transporter to return waste? Not instructed.

Did the generator use the supplied manifest required by a consignment State: [-/262.21-]

(a) Where the receiving facility is? or, if not provided by that State:

(b) Where the generating facility is?

(c) If not provided by either State, the EPA form from any source?

Did the generator use the manifest specified by the Department? [66481(a)/-]

Did each manifest contain all required information? [66482/-]

Did the manifest consist of enough copies? [-/262.22]

Did the generator: [66484(a)-/262.23(a)-]

(1) Sign the manifest by hand?

(2) Obtain the signature of initial transporter and date of acceptance on manifest?

(3) Keep two copies of the manifest (per 66492(b)/262.40(a))?

Did the generator give the remaining copies of the manifest to the transporter? [66484(b)/262.23(b)]

If the shipment was sent by water or rail, was 66484/262.23 complied with? [66484(c&d)/262.23(c&d)]

not applicable.

Yes No Comment

Manifests - Continued

Has the generator submitted a legible copy of each manifest to the Department within 30 days? [25160 & 66484(f)/-]

Pre-Transport Requirements

Is waste packaged in accordance with DOT packaging regulations (49 CFR 173, 178-9)? [66504(a)/262.30]

Are waste packages labelled in accordance with DOT regulations (40 CFR 172.101)? [66504(b)/262.31]

Are containers marked in accordance with DOT regulations (49 CFR 172.101)? [66504(b)/262.32(a)] including:

Proper shipping name (table column 2)?

Proper ID number (table column 3A)?

Proper ORM designation for containers of ORM-A, B, C, D or E wastes?

Are containers of 110 gallons or less marked with the following words? [66504(c)/262.32(b)]

HAZARDOUS WASTE-Federal Law prohibits Improper Disposal. If found, contact the nearest police or public safety authority or the U.S. Environmental Protection Agency.

Generators Name & Address _____
Manifest Document Number _____

Does the generator placard or offer the initial transporter the appropriate placards (49 CFR 172 Subpart F)? [66504(b)/262.33]

Yes No Comment

Generation Points ("Satellite")

The generator may accumulate H.W. at or near the point of initial generation without meeting storage deadlines if:

They accumulate no more than 55 gallons of H.W. or one quart of acutely or extremely H.W.?
[25123.3(d)(1)/262.34(c)(1)]

✓

The waste is stored in containers?
[25123.3(d)(2)/-]

✓

The waste is stored for no more than one year, nor more than 90 days from reaching the quantity limits?
[25123.3(d)(3)/-]

✓

The container is labelled with the initial date of accumulation and with the words "Hazardous Waste" or other words identifying the contents?
[25123.3(d)(4)/262.34(c)(1)(ii)]

✓

Within three days of reaching any quantity limit above, has the generator labelled the container with the date the quantity limit was reached and complied with 66508(a)/262.34(a)?
[25123.3(d)(5)/262.34(c)(2)]

✓

3 Containers *

The container is in good condition, is compatible with the waste, is kept closed when H.W. is not being added or removed?
[25123.3(d)(6)/262.34(c)(1)(i)]

✓

✓

Roll OFF bins of lead contaminated soil, and one 55 gallon drum of lead contaminated hard rubber chips were open. Twelve containers of lead bearing waste in warehouse

They are not otherwise a storage facility? [25123.3(d)(7)/-]

✓

90 Day Storage

If the generator does not have interim status (as a TSD facility) have they accumulated H.W. on-site for less than 90 days? [66508(a)/262.34(a)]

not applicable

NOTE: For generators of less than 100 kg/mo., the 90 days starts when 100 kg has been accumulated. (Reference 25123.3/-)

Yes No Comment

If the generator has stored H.W. on-site for more than 90 days*, have they? [66508(b)/262.34(b)]

Two roll-off bins of lead contaminated soil was observed during the inspection.

Been granted an extension? or:

Complied with the 40 CFR Parts 264 and 265 and the permitting requirements in Part 270?

* Except at the point of initial generation in compliance with 25123.3(d)/262.34(c). (see "Generation Points", Page 6)

Is each container or tank clearly marked with the words "Hazardous Waste"? [66508(a)(3)/262.34(a)(3)]

Twelve containers of lead bearing material in warehouse.

Generators accumulating waste in containers
Reference 66508(a)(1)/262.34(a)(1)

Are containers visibly marked with the date accumulation started? [66508(a)(2)/262.34(a)(2)]

Does each container have a label which includes the following information: [66508(c)-/-]

- (1) Composition and physical state of the waste?
- (2) Statement(s) on the hazardous property(ies) of the waste?
- (3) Name and address of the waste generator?

Twelve containers in warehouse (no label) Two 55 gallon drums with no properties of the waste.

Does the generator transfer wastes from containers in poor condition to sound containers, or otherwise manage the waste in compliance with regulations? [67241/265.171]

Containers are compatible with the waste to be stored? [67242/265.172]

Are containers of H.W. closed except when necessary to add or remove wastes? [67243(a)/265.173(a)]

Two roll off bins of lead contaminated soil. One 55 gallon drum in battery rooming area.

Are containers of H.W. handled to prevent rupture and leakage? [67243(b)/265.173(b)]

Does the generator inspect container storage areas at least weekly? [67244/265.174]

Yes No Comment

Generators accumulating waste in containers - Continued

Are containers holding ignitable or reactive waste located at least 15 meters (50 feet) from the property line? [67246/265.176]

✓

Incompatible wastes or wastes and materials are not placed in the same container unless proper precautions (per 67106(b)/265.17(b) are taken? [67247(a)/265.177(a)]

✓

H.W. is not placed in an unwashed container that previously held an incompatible waste or material? [67247(b)/265.177(b)]

✓

Containers holding H.W. that is incompatible with wastes or materials stored nearby is separated or protected by dikes, berms, walls or other device? [67247(c)/265.177(c)]

✓

Generators accumulating waste in tanks

Reference 66508(a)(1)/262.34(a)(1)

If the generator accumulates RCRA H.W. in tanks, and generates over 1000 kg/mo of RCRA H.W., include CEI checklist for 40 CFR 265 Subpart J, except for 265.197(c) and 265.200.

Proper precautions (per 67106(b)) are taken for storage of ignitable, reactive or incompatible wastes in tanks? [67257(a)/-]

Not - Applicable

H.W. is not placed in tanks if it could cause the tank and/or liner to fail before the end of its intended life? [67257(b)/-]

Uncovered tanks are maintained with 2 ft. of freeboard, unless a containment system with a capacity of that 2 ft. is maintained? [67257(c)/-]

If waste is continuously fed into a tank, it is equipped with a means to stop that inflow? [67257(d)/-]

When a tank is used to store a waste which is substantially different from a waste previously stored in a tank, the generator takes required precautions? [67258/-]

Yes No Comment

Generators accumulating waste in tanks - Continued

Does the generator inspect: [67259(a)-/-]

Not - Applicable

(1) Discharge control equipment each operating day? _____

(2) Data from monitoring equipment each operating day? _____

(3) The level of waste in the tank each operating day? _____

(4) Tank construction materials weekly for corrosion and leaks? _____

(5) Discharge confinement structure and area weekly for erosion or leaks? _____

If a tank has been closed, were all H.W. and constituents removed from tank and appurtenances, and was all contamination removed? [67260/-] _____

Ignitable or reactive wastes are not placed in a tank unless proper precautions are taken? [67261(a)-/-] _____

Tank storage of ignitable or reactive waste meets NFPA buffer zone requirements? [67261(b)-/-] _____

Incompatible wastes or wastes and materials are not placed in the same tank, or in a tank which previously held an incompatible waste or material, unless proper precautions (per 67106(b)) are taken? [67262/-] _____

Volume of waste in single tank does not exceed 5,000 gals. or 45,000 lbs. unless generator has a permit, or it is a portable tank holding H.W. for 60 days or less from onsite maintenance which is performed less than annually? [25123.3(a)(2)-/-] _____

Yes No Comment

Recordkeeping and Reporting

Are the following kept for at least three years: [66492-/262.40-]

(a) Manifest signed by the receiving facility?

(b) Biennial Reports and Exception Reports?

(c) Test results, waste analysis or other determinations made in accordance with 66471/262.11?

waste piles are called "Raw materials"

If the facility has shipped any waste off-site to a U.S. TSD, have they submitted a Biennial Report to the Department/RA by March 1 of each even numbered year? [66493(a)/262.41(a)]

Does the report include the following information? [66493(a)-/262.41(a)-]

(1) EPA ID No., name and address of the generator?

(2) Calendar year covered by the report?

(3) The EPA ID No., name, and address for each off-site U.S. TSD to which H.W. was shipped during the year?

(4) Name and EPA ID No. of each transporter used during the year to ship to a U.S. TSD?

(5) Description, CA/EPA hazardous waste No., DOT hazard class and quantity of each H.W. shipped off-site to a U.S. TSD?

Was this information listed by EPA ID No. of each off-site U.S. TSD to which H.W. was shipped?

(-/6) A description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated?

(-/7) A description of the changes in volume and toxicity actually achieved during the year in comparison to previous years (back to 1984 if available)?

(6/8) The signed certification?

For a generator that has not received a signed copy of the manifest from the designated facility within 35 days, has the generator determined the status of the H.W.? [66484(g)/262.42(a)]

Yes No Comment

Recordkeeping and Reporting - Continued

For a generator that has not received a signed copy of the manifest within 45 days, has the generator submitted an Exception Report to the RA?
[66484(g)/262.42(b)]

not applicable

Did the Exception Report include:
[66484(g)(1)/262.42(b)(1)]

- (1) A legible copy of the manifest?
- (2) A signed cover letter explaining the efforts taken to locate the H.W. and the results of these efforts?

not applicable

not applicable

Has the generator submitted an annual report to the Board of Equalization?
[25342/-]

Training

Have facility personnel successfully completed H.W. training program which is directed by a qualified person, and which addresses all required topics?
[67105(a)/265.16(a)]

Have personnel completed the required training within 6 mos after their employment date, and not worked unsupervised until completing the training? [67105(b)/265.16(b)]

Have personnel taken part in an annual review of initial training?
[67105(c)/265.16(c)]

Do personnel records include for each H.W. position: [67105(d)-/265.16(d)-]

- (1) Job title and name of person filling the position?
- (2) Job description?
- (3) Description of required training?
- (4) Documentation that training or experience has been completed?

Are personnel records kept for current employees until closure, and past employees for at least three years?
[67105(e)/265.16(e)]

Yes No Comment

Preparedness and Prevention

Is the facility maintained and operated to minimize the possibility of fire, explosion, or releases of H.W. or H.W. constituents to air, soil, or surface water which could threaten human health or the environment? [67120(a)/265.31]

✓

Does the facility have the following equipment, where applicable:

[67121-/265.32-]

(a) An internal communications or alarm system capable of providing emergency instructions to personnel?

✓

(b) Telephone or 2-way radios for summoning assistance?

✓

(c) Fire control, spill control, and decontamination equipment?

✓

(d) Water at adequate volume and pressure, foam producing equipment, or automatic sprinklers?

✓

Are all emergency systems and equipment tested and maintained in operable condition? [67122/265.33]

✓

Do all personnel in H.W. handling areas have immediate access to alarm or communication device?

[67123(a)/265.34(a)]

✓

If personnel handle H.W. alone, do they have immediate access to a device capable of summoning outside assistance? [67123(b)/265.34(b)]

✓

Is there adequate aisle space for unobstructed movement of personnel and emergency equipment? [67124/265.35]

✓

Has the facility attempted to make the following arrangements, as appropriate: [67126(a)-/265.37(a)-]

(1) To familiarize police, fire depts. and other emergency responders with H.W. operations and facility layout?

✓

(2) If more than one responder, designating primary authority?

✓

(3) Agreements with emergency response teams, contractors and suppliers?

✓

(4) To familiarize local hospitals with properties of wastes handled and potential injuries or illnesses?

✓

Yes No Comment

Preparedness and Prevention - Continued

Has the facility documented any refusal to enter into such arrangement? [67126(b)/265.37(b)]

Contingency Plan and Emergency Procedures

Does the facility have a contingency plan designed to minimize hazards from H.W. incidents? [67140(a)/265.51(a)]

Have the provisions of the plan been carried out immediately when there is a H.W. incident which could threaten human health or the environment? [67140(b)/265.51(b)]

Does the plan describe action personnel must take to respond to emergencies? [67141(a)/265.52(a)]

Does the plan describe the arrangements agreed to in 67126/265.37? [67141(c)/265.52(c)]

Does the plan list names, addresses and phone numbers (office and home) of all qualified ECs, and name one as primary EC with the others listed in order of responsibility? [67141(d)/265.52(d)]

Does the plan list all emergency equipment including the location, physical description, and outline of capabilities? [67141(e)/265.52(e)]

Does the plan include an evacuation plan with signals to begin evacuation, evacuation routes and alternate routes? [67141(f)/265.52(f)]

Is a copy of the plan, and all revisions to the plan: [67142-/265.53-]

(a) Maintained at the facility?

(b) Submitted to all entities with designated response rolls?

Yes No Comment

Contingency Plan and Emergency Procedures - Continued

Has the plan been reviewed and immediately amended whenever: [67143-/265.54-]

- | | | | |
|---|-------------------------------------|-----------------------|--|
| (b/a) Applicable regulations are revised? | <input checked="" type="checkbox"/> | | |
| (c/b) The plan fails in an emergency? | <input checked="" type="checkbox"/> | <u>not applicable</u> | |
| (d/c) Facility changes require it? | <input checked="" type="checkbox"/> | | |
| (e/d) The list of emergency coordinators changes? | <input checked="" type="checkbox"/> | | |
| (f/e) The list of emergency equipment changes? | <input checked="" type="checkbox"/> | | |

Is there at all times at least one employee at the facility, or close by and on call, designated as EC, who is thoroughly familiar with all facility operations, wastes, records, layout, and emergency procedures, who has authority to commit the resources to carry out the contingency plan? [67144/265.55]

If an emergency has occurred at this facility, did the EC comply with all required emergency procedures? [67145/265.56]

not applicable _____

Yes No Comment

Farmers

A farmer disposing of waste pesticides is not required to comply with Part 262 generator standards or Parts 264, 265, 268, or 270 for those wastes provided: [66300(e)(5)/262.70]

The pesticides are from their own use?

They triple rinse each pesticide container in accordance with 261.7(b)(3)?

They dispose of the residues on their own farm in a manner consistent with the disposal instructions on the pesticide label?

Not Applicable

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Yes No Comment

Exports of RCRA Hazardous Waste

Exports of RCRA H.W. are prohibited unless: [-/262.52-]

Not Applicable

(a) Notification (262.53) has been provided?

(b) The receiving country has consented to accept the waste?

(c) A copy of the EPA Acknowledgment of Consent accompanies the shipment, and is attached to the manifest or shipping paper?

(d) The H.W. shipment conforms to the receiving country's written terms in the EPA acknowledgment of Consent?

Did the primary exporter of H.W. notify the EPA each calendar year of intended exports? [-/262.53(a)]

Was the notification at least 60 days before the intended date of the initial off-site shipment for the calendar year? [-/262.53(a)]

Did the notice signed by the primary exporter include his name and address and the following information, by consignee, for each H.W. type: [-/262.53(a)(1), (2)-]

(i) A description of the H.W., the EPA waste identification no. and the DOT shipping description (in 40 CFR 171-177)?

(ii) The estimated frequency and time span of exportation?

(iii) The estimated total quantity?

(iv) All points of entry to and departure from each foreign country the H.W. will pass through?

(v) How the waste will be transported (type of vehicles and containers)?

(vi) A description of how the waste will be treated, stored, or disposed of in the receiving country?

(vii) The name and site address of the foreign consignee(s)?

(viii) The name of each country the H.W. will pass through, for how long it will remain there, and how it will be handled during that time?

<u>Yes</u>	<u>No</u>	<u>Comment</u>
---	---	<i>Not Applicable</i>
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Yes No Comment

Exports of RCRA Hazardous Waste -Continued

Not Applicable

[-/262.56(a)-] - continued
(6) A signed certification which states:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Was the annual report sent to: Office of International Activities (A-106), EPA, 401 M Street SW., Washington DC 20460?

Did the primary exporter keep for at least three years a copy of each: [-/262.57(a)-]

(1) Notification of intent to export (from the date the H.W. was accepted)?

(2) EPA Acknowledgment of Consent (from the date the H.W. was accepted by the initial transporter)?

(3) Confirmation of delivery (from the date the H.W. was accepted by the initial transporter)?

(4) Annual report (from the due date)?

Yes No Comment

Exports of Hazardous Waste

Not Applicable

Has the H.W. exporter complied with requirements of Article 6 and 66515? [66515(a)/-]

When exporting H.W., has the generator: [66515(b)-/-]

(1) Notified EPA and the Department four weeks before the initial shipment to each country for each calander year:

(A) EPA waste code and DOT shipping description?

(B) Name and address of foreign consignee?

(C) Sent notice to proper EPA office and to the Department?

(2) Required that the foreign consignee confirm delivery?

(3) Use the name and address of the foreign consignee in place of the designated facility, and identify the point of departure from the U.S. on the manifest?

Has the exporting generator filed an exception report when: [66515(c)-/-]

(1) He has not received a copy of the manifest signed by the transporter stating the date and place of U.S departure within 45 days from acceptance by the initial transporter?

(2) He has not received written confirmation of waste receipt by the foreign consignee?

Recordkeeping and Reporting:
(Part 262 Subpart D)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Are the following kept for at least three years: 262.40-			
(a) Manifest signed by the receiving facility?	✓	—	_____
(b) Biennial Reports and Exception Reports?	✓	—	_____
(c) Test results, waste analysis or other determinations made in accordance with 262.11?	✓	—	_____
Biennial Report:			
If the facility has shipped any waste off-site to a U.S. TSD, have they submitted a Biennial Report to the RA by March 1 of each even numbered year? 262.41(a)			_____
Was the report submitted on EPA Form 8700-13A and cover generator activities during the previous calendar year? 262.41(a)			_____
Does the report include the following information: 262.41(a)-			_____
(1) EPA ID No., name and address of the generator?			_____
(2) Calendar year covered by the report?			_____
(3) The EPA ID No., name, and address for each off-site U.S. TSD to which H.W. was shipped during the year?			_____
(4) Name and EPA ID No. of each transporter used during the year to ship to a U.S. TSD?			_____
(5) Description, EPA hazardous waste No., DOT hazard class and quantity of each H.W. shipped off-site to a U.S. TSD?			_____
Was this information listed by EPA ID No. of each off-site U.S. TSD to which H.W. was shipped?			_____

not investigated



Recordkeeping and Reporting: - Continued
(Part 262 Subpart D)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
(6) A description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated?		not	Investigated
(7) A description of the changes in volume and toxicity actually achieved during the year in comparison to previous years (back to 1984 if available)?			
(8) The signed certification?			

Exception Reporting: 262.42(a)-

(1) For a generator of more than 1000 kg/mo. that has not received a signed copy of the manifest from the designated facility within 35 days, has the generator determined the status of the H.W.?

(2) For a generator that has not received a signed copy of the manifest within 45 days, has the generator submitted an Exception Report to the RA?

Did the Exception Report include: 262.42(a)-

(i) A legible copy of the manifest?

(ii) A signed cover letter explaining the efforts taken to locate the H.W. and the results of those efforts?

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
(1) For a generator of more than 1000 kg/mo. that has not received a signed copy of the manifest from the designated facility within 35 days, has the generator determined the status of the H.W.?			not Applicable
(2) For a generator that has not received a signed copy of the manifest within 45 days, has the generator submitted an Exception Report to the RA?			
Did the Exception Report include: 262.42(a)-			
(i) A legible copy of the manifest?			
(ii) A signed cover letter explaining the efforts taken to locate the H.W. and the results of those efforts?			

Exports of Hazardous Waste:
(Part 262 Subpart E)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Exports of H.W. are prohibited unless: 262.52-			<i>Quebeco Exported 2nd Run Slags and drosses through 1990. Exported to Alcoa Pacific as Recyclable Materials.</i>
(a) Notification (262.53) has been provided?		<input checked="" type="checkbox"/>	
(b) The receiving country has consented to accept the waste?		<input checked="" type="checkbox"/>	
(c) A copy of the EPA Acknowledgment of Consent accompanies the shipment, and is attached to the the manifest or shipping paper?		<input checked="" type="checkbox"/>	
(d) The H.W. shipment conforms to the receiving country's written terms in the EPA Acknowledgment of Consent?		<input checked="" type="checkbox"/>	
Did the primary exporter of H.W. notify the EPA each calendar year of intended exports? 262.53(a)		<input checked="" type="checkbox"/>	
Was the notification at least 60 days before the intended date of the initial off-site shipment for the calendar year? 262.53(a)		<input checked="" type="checkbox"/>	
Did the notice signed by the primary exporter include his name and address and the following information, by consignee, for each H.W. type: 262.53(a)(1), (2)-			
(i) A description of the H.W., the EPA waste identification no. and the DOT shipping description (40 CFR 171-177)?		<input checked="" type="checkbox"/>	
(ii) The estimated frequency and time span of exportation?		<input checked="" type="checkbox"/>	
(iii) The estimated total quantity?		<input checked="" type="checkbox"/>	
(iv) All points of entry to and departure from each foreign country the H.W. will pass through?		<input checked="" type="checkbox"/>	
(v) How the waste will be transported (types of vehicles and containers)?		<input checked="" type="checkbox"/>	
(vi) A description of how the waste will be treated, stored, or disposed of in the receiving country?		<input checked="" type="checkbox"/>	
(vii) The name and site address of the foreign consignee(s)?		<input checked="" type="checkbox"/>	
(viii) The name of each country the H.W. will pass through, for how long it will remain there, and how it will be handled during that time?		<input checked="" type="checkbox"/>	

Exports of Hazardous Waste: Continued
(Part 262 Subpart E)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Was the export notification marked "Attention: Notification to Export" and sent to: Office of International Activities (A-106) EPA, 401 M St. SW., Washington DC 20460? 262.53(b)	_____	✓ _____	_____
Has the primary exporter not shipped waste until the notification was correct and an EPA Acknowledgment of Consent was received? 262.53(c)	_____	✓ _____	_____
Does the exporter meet the requirements for use of the manifest, except that: 262.54-			
(a-b) The name and address of the foreign consignees are substituted for the name, address and EPA ID No. of the designated facilities?	_____	✓ _____	_____
(c) The generator identifies the point of departure from the U.S. under Special Handling Instructions and Additional Information?	_____	✓ _____	_____
(d) The phrase "and conforms to the terms of the attached EPA Acknowledgment of Consent" is added to the end of the first sentence in the certification?	_____	✓ _____	_____
(e) The primary exporter's appropriate State manifest is used where required?	_____	✓ _____	_____
(f) The primary exporter requires that the consignee confirm delivery of H.W. in the foreign country (e.g., manifest signed by foreign consignee and returned to generator)?	_____	✓ _____	_____
If the shipment could not be delivered to the consignees, did the primary exporter: 262.54(g)-			
(1) Renotify the EPA, request approval of shipment to a new consignee, and obtain a new EPA Acknowledgment of Consent prior to delivery? or:	_____	✓ _____	_____
(2) Instruct the transporter to return the shipment to the U.S.? and:	_____	✓ _____	_____
(3) Instruct the transporter to revise the manifest accordingly?	_____	✓ _____	_____

Exports of Hazardous Waste: Continued
(Part 262 Subpart E)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
(h) A copy of the EPA Acknowledgment of Consent accompanies the shipment, and is attached to the manifest or shipping paper?			NOT AVAILABLE
(i) The primary exporter provides an extra manifest copy for the transporter to give to U.S. Customs?			
Did the primary exporter file an Exception Report if: 262.55-			
(a) A signed copy of the manifest from the transporter stating date and place of departure from U.S. had not been received in 45 days?			
(b) A written confirmation from the foreign consignee had not been received within 90 days?			
(c) The waste was returned to the U.S.?			
Has the facility submitted an Annual Report to the RA by March 1 of each year, summarizing the types, frequency, quantity, and ultimate destination of all H.W. exported during the previous calendar year? 262.56(a)			
Did the report include the following information: 262.56(a)-			
(1) EPA ID No., name, mailing and site and address of the exporter?			
(2) Calendar year covered by the report?			
(3) The name and site address of each consignee?			
(4) Description, EPA hazardous waste No., DOT hazard class and quantity of each H.W. shipped to each consignee, the name and ID No. of each transporter, the total amount of waste shipped and the number of shipments pursuant to each notification?			

Mount A from

Exports of Hazardous Waste: Continued
(Part 262 Subpart E)

Yes No Comments

(5) Except for 100-1000 kg/mo. generators, each even numbered year:

(i) A description of the efforts undertaken during the year to reduce the volume and toxicity of waste generated? and:

Not Applicable

(ii) A description of the changes in volume and toxicity actually achieved during the year in comparison to previous years (prior to 1984 if available)?

(6) A signed certification which states:

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information. I believe that the submitted information is true. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

Was the annual report sent to: Office of International Activities (A-106), EPA, 401 M Street SW., Washington DC 20460?

Did the primary exporter keep for at least three years a copy of each: 262.57(a)-

(1) Notification of intent to export (from the date the H.W. was accepted)?

(2) EPA Acknowledgment of Consent (from the date the H.W. was accepted by the initial transporter)?

(3) Confirmation of delivery (from the date the H.W. was accepted by the initial transporter)?

(4) Annual report (from the due date)?

Handwritten text, possibly a signature or date, located in the upper left quadrant of the page.

Imports of Hazardous Waste
(Part 262 Subpart F)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Does the facility import H.W. from a foreign country into the U.S.? 262.60(a)	---	---	---
When importing H.W., do they comply with all manifest requirements except that: 262.60(b)-			
(1) The name, address, and EPA ID No. of the importer is used instead of the generator?	---	---	---
(2) The U.S. importer or his agent signs and dates the certification and obtains the signature of the initial transporter?	---	---	---
Did the importer use the manifest supplied and required by the consignment State? 262.60(c)	---	---	---

not applicable



Farmers
(Part 262 Subpart G)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
A farmer disposing of waste pesticides is not required to comply with Part 262 generator standards or Parts 270, 264, 265, 268, or 270 for those wastes provided: 262.70			<i>not Applicable</i>
The pesticides are from their own use?	___	___	_____
They triple-rinses each pesticide container in accordance with 261.7(b)(3)?	___	___	_____
Dispose of the residues on their own farm in a manner consistent with the disposal instructions on the pesticide label?	___	___	_____

Generators of Between 100 and 1,000 kg/month That Accumulate H.W. in Tanks
(Part 265 Subpart J)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
For H.W. generators of between 100-1000 kg/mo. that accumulate in tanks for less than 180 days*, and do not accumulate over 6000 kg on-site at any time: 265.201(b)-			not Applicable
(1) Does treatment or storage of H.W. in tanks comply with 265.17(b)?	---	---	
(2) Are H.W. or treatment reagents not placed in a tank if they could cause the tank or inner liner to fail?	---	---	
(3) Do uncovered tanks have at least 2 feet (60 centimeters) of freeboard, or overflow containment capacity equal to the volume of the top 2 feet?	---	---	
(4) Where H.W. is continuously fed into a tank, is there a means to stop inflow?	---	---	
Does the 100-1000 kg/mo. generator inspect: 265.201(c)-			
(1) Discharge control equipment (waste feed cut-off and by-pass systems, drainage systems) daily?	---	---	
(2) Data from monitoring equipment (pressure and temperature gauges) daily?	---	---	
(3) Waste levels in tanks daily?	---	---	
(4) Tank construction materials for corrosion or leaking fixtures and seams weekly?	---	---	
(5) Construction materials and area surrounding the tank, including secondary containment (dikes) for erosion or signs of releases (wet spots, dead vegetation) weekly?	---	---	

* Or 270 days if they must ship the waste over 200 miles.

Generators of Between 100 and 1,000 kg/month That Accumulate H.W. in Tanks
 (Part 265 Subpart J)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Are ignitable or reactive waste not placed in a tank, unless: 265.201(e)(1)-			<i>not Applicable</i>
(i) The waste is treated, rendered, or mixed before or immediately after placement in a tank so that the resulting waste no longer meets the definition of ignitability or reactivity? or:	_____	_____	_____
(ii) The waste is stored or treated in such a way that it is protected from conditions which may cause the waste to ignite or react? or:	_____	_____	_____
(iii) The tank is used solely for emergencies?	_____	_____	_____
Does the facility comply with the buffer zone requirements for covered tanks containing ignitable or reactive wastes specified in tables 2-1 through 2-6 of the National Fire Protection Association's "Flammable and Combustible Liquids Code" (1977 or 1981)? 265.201(e)(2)	_____	_____	_____
Unless 265.17(b) is complied with: 265.201(f)-			
(1) Are incompatible wastes stored in separate tanks?	_____	_____	_____
(2) Is H.W. not placed in unwashed tanks that previously held an incompatible waste or material?	_____	_____	_____

Interim Status:
(Part 270 Subpart G)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
For the existing HWM facility to be treated as having been issued a permit, has the facility:			
Obtained an EPA Identification number by submitting a Notification of Hazardous Waste Activity?* and/or: 265.11, 270.70(a)(1)	✓		
Submitted a Part A permit application? ** 270.70(a)(2)	✓		
Completed the Part A per 270.13? 270.70(b)	✓		
Not previously been denied a RCRA permit or interim status? 270.70(c)		✓	Surface impoundment has been closed.
Has the facility complied with the following restrictions while operating under interim status: 270.71(a)-			
(1) Has only treated, stored or disposed of H.W. specified in the Part A?	✓		Operator doesn't identify and run slugs, drosses or waste piles as H.W.
(2) Has only employed processes specified in the Part A?	✓		
(3) Has not exceeded design capacities specified in the Part A?		✓	
Has a revised Part A been submitted prior to the following changes: 270.72-			Not Applicable
(a) T/S/D of H.W. not previously identified in the Part A?			↓
(b) Increases in design capacity of processes?			
(c) Changes in or additions to processes?			
(d) 90 days prior to change in ownership?			
(e) Have the changes made not amounted to reconstruction?***			

Also see Part 266 Subparts D (HW Fuel Burning) and E (Used Oil Burning) if applicable.

** Earliest applicable of: 11/19/80, 6 months after new reg's published, 30 days after they first become subject to reg's. (270.10(e)(i)-(iii)(3))

*** >50% of the cost of an entirely new facility, except for changes made solely for complying with new regulations for tanks (265.193) and/or Land Disposal Restrictions (268).

Interim Status - Cont.
(Part 270 Subpart G)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Termination of interim status:			
Did the facility submit a requested Part B in full, and on time? 270.10(e)(5), 270.73(b)	✓		
For land disposal facilities granted interim status prior to 11/8/84, did the facility submit before 11/8/85: 270.73(c)-			<i>not applicable</i>
(1) Part B of the permit application?			
(2) Certification of compliance with all applicable ground water monitoring and financial responsibility requirements?			
For land disposal facilities granted interim status after 11/8/84, did the facility submit within 12 months: 270.73(d)-			
(1) Part B of the permit application?			
(2) Certification of compliance with all GW monitoring and financial responsibility requirements?			
For incinerator facilities, did the facility submit a Part B before 11/8/86? 270.73(e)			
For all other facilities, was a Part B submitted before 11/8/88* ? 270.73(f)			↓

See also applicable interim-status requirements for surface impoundments (265.221(b), p. K1) and landfills (265.301(b), p. N1).

*If no, interim status will terminate on 11/8/92.

General Facility Standards:
(Part 265 Subpart B)

Required Notices:

Has the RA been notified at least 4 weeks prior to the receipt of H.W. from a foreign source? 265.12(a) (see also Generators, 262 Subpart F.)

Before transferring ownership or operation, has the facility notified the new owners/operators in writing of the requirements of Parts 265 and 270? 265.12(b)

General Waste Analysis:

Has the facility obtained a detailed chemical and physical analysis that contains all information that must be known to properly treat, store or dispose of each H.W.? 265.13(a)(1)

Does the facility have records documenting the required H.W. analysis, e.g., lab reports, published data, generator supplied data as developed under Part 261? 265.13(a)(2)

Has the analysis been repeated to ensure that it is accurate and up-to-date? 265.13(a)(3)

Is the analysis repeated when there is a change in the generating process? (265.13(a)(3)(i))

For off-site facilities, is the analysis repeated when the H.W. received does not match the H.W. designated on the manifest? 265.13(a)(3)(ii)

For off-site facilities, does the facility inspect or analyze each movement of H.W. to verify that the H.W. received matches the identity of the H.W. specified on the manifest? 265.13(a)(4)

<u>Yes</u>	<u>No</u>	<u>Comments</u>
		<i>not Applicable</i>
	<input checked="" type="checkbox"/>	<i>and run slag, drosses and waste piles may be H.W.</i>
	<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>	
		<i>not Applicable</i>
		<i>not Applicable</i>
		<i>not Applicable</i>

General Facility Standards: - Continued
(Part 265 Subpart B)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Has the facility developed and followed a written waste analysis plan, and is the plan kept at the facility? 265.13(b)	/		
Does the waste analysis plan contain the following elements: 265.13(b)-			
(1) Parameters of analysis of each H.W. handled and the rationale for the selection of these parameters?	/		
(2) The methods which will be used to test for these parameters?	/		
(3) Sampling method used to obtain a representative sample of each H.W.?	/		
(4) Frequency which each analysis will be repeated?	/		
(5) For off-site facilities, the analysis that generators have agreed to supply?	/		
(6) The methods which will be used to meet the additional analysis requirements for:			
	<u>not applicable</u>		
Tanks? (265.198-200)	NA		
Surface Impoundments? (265.225, & p. K2)	NA		
Waste Piles? (265.252)	/		<u>but not cons. land H.W.</u>
Land Treatment? (265.273)	NA		
Liquids in landfills? (265.314)	NA		
Incinerators? (265.341)	NA		
Thermal Treatment? (265.375)	NA		
Other treatment? (265.402)	NA		
Land Disposal Restrictions? (268.7)	NA		

Complete applicable checklist on each unit.

For off-site facilities, does the plan contain the following elements: 265.13(c)-

(1) Description of procedures used to identify each movement of H.W.?	<u>Not</u>	<u>Applicable</u>	
(2) Description of the sampling method used to obtain a representative sample of the H.W.?	<u>not</u>	<u>applicable</u>	

General Facility Standards: - Continued
 (Part 265 Subpart B)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Unless exempt under 265.14(a) (physical contact or disturbance of the waste and unit will not cause harm), do security measures include:			
A 24-hour surveillance system? 265.14(b)(1) or:	✓		
Artificial or natural barriers that complete enclose the facility? 265.14(b)(2)(i) and:	✓		
Means to control entry onto the active portions of the facility at all times? 265.14(b)(2)(ii)	✓		
Are signs with the legend "Danger-Unauthorized Personnel Keep Out" or equivalent posted that are: 265.14(c)			
At each entrance and any other approach to active portions of facility?	✓		
Legible from at least 25 feet away?	✓		
Written in English and any other language predominant in the surrounding area?	✓		
General Inspection Requirements:			
Does the facility inspect for malfunctions, deterioration, operator errors, and H.W. discharges often enough to correct problems before they cause harm? 265.15(a)	✓		
Does the facility follow a written inspection schedule? 265.15(b)(1)	✓		
Is the schedule kept at this facility? 265.15(b)(2)	✓		
Does the schedule identify types of problems that are expected from malfunction, operator error, deterioration or discharges of all: 265.15(b)(3)			
monitoring equipment?	✓		
safety, emergency equipment?	✓		
security devices?	✓		
operating and structural equipment?	✓		

General Facility Standards: - Continued
(Part 265 Subpart B)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Does the schedule include: 265.15(b)(4)			
The frequency of inspection for each item?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Daily inspections for loading and unloading areas?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
The frequencies required by each H.W. unit?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has the facility taken immediate remedial action to correct hazards revealed on an inspection? 265.15(c)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>Not Applicable</i>
Are inspections recorded in an inspection log? Does the log include: 265.15(d)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Date and time of inspection?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Name of inspector?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Observations noted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Date and nature of repairs or other remedial actions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are inspection records kept for at least 3 years? 265.15(d), 265.73(b)(5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the facility have a H.W. personnel training program? 265.16(a)(1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Is it directed by a person trained in H.W. management procedures? 265.16(a)(2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Does the program include training in emergency procedures including contingency plan implementation? 265.16(a)(3)- and:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(i) Procedures for using, inspecting, repairing and replacing emergency and monitoring equipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(ii) Key parameters for automatic waste feed cut-off systems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(iii) Communication or alarm systems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(iv) Response to fire or explosions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(v) Response to ground-water contamination incidents?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
(vi) Emergency shutdown of operations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are new personnel supervised until training is completed? 265.16(b)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

General Facility Standards: - Continued
(Part 265 Subpart B)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Do new personnel complete the training within 6 months? 265.16(b)	✓	—	_____
Do personnel take part in an annual review of the initial training? 265.16(c)	✓	—	_____
Do personnel training records include for each H.W. position: 265.16(d)-			
(1) Job title and name of person filling the position?	✓	—	_____
(2) Job Description?	✓	—	_____
(3) Description of required H.W. training?	✓	—	_____
(4) Documentation that H.W. training or job experience required has been completed?	—	—	_____
Are training records kept for current employees until closure, and past employees for at least three years? 265.16(e)	✓	—	_____
Requirements for ignitable, reactive, or incompatible wastes:			
Are precautions taken to prevent accidental ignition or reaction, including: 265.17(a)			
Separation and protection from ignition sources?	✓	—	_____
No smoking signs in hazard areas?	✓	—	_____
Is the T/S/D of ignitable, reactive or incompatible waste conducted so that it does not: 265.17(b)-			
(1) Generate extreme heat or pressure, fire or explosion, or violent reaction?	✓	—	_____
(2-3) Produce uncontrolled toxic or flammable mists, fumes, dusts or gases?	✓	—	_____
(4) Damage structural integrity of H.W. containment devices?	✓	—	_____
(5) Otherwise threaten human health or the environment?	✓	—	_____

Preparedness and Prevention:
(Part 265 Subpart C)

Location Standards:	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Has the facility not placed H.W. in a salt dome, salt bed formation, underground mine or cave? 265.18	✓		
Is the facility maintained and operated to minimize the possibility of fire, explosion, or releases of H.W. or H.W. constituents to air, soil, or surface water which could threaten human health or the environment? 265.31		✓	<i>waste piles are uncovered and not marked as H.W.</i>
Does the facility have the following equipment where applicable: 265.32-			
(a) Internal communications or alarm system capable of providing immediate emergency instruction?	✓		
(b) Telephone or 2-way radios at the scene of operation?	✓		
(c) Portable fire extinguishers with water, foam, inert gas, dry chemical; spill control and decontamination equipment?	✓		
(d) Water at adequate volume and pressure, or foam producing equipment, or automatic sprinklers, or water spray systems?	✓		
Does the facility test and maintain all emergency equipment in operable condition? 265.33	✓		
Do personnel in areas where H.W. is being handled have immediate access to internal alarm or communications systems, or voice or visual contact with another employee? 265.34(a)	✓		
Can personnel that operate the facility while alone immediately access external emergency assistance? 265.34(b)	✓		
Is there adequate aisle space for unobstructed movement of fire, spill control and decontamination equipment in an emergency? 265.35	✓		

Preparedness and Prevention: - Continued
(Part 265 Subpart C)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Arrangements With Local Authorities:			
Has the facility attempted to make the following arrangements:			
Arrangements to familiarize police, fire dept., and emergency response teams with H.W. operations? 265.37(a)(1)	✓		
Agreements designating primary emergency authority? 265.37(a)(2)	✓		
Agreements with State emergency response teams, contractors and equipment suppliers? 265.37(a)(3)	✓		
Arrangements to familiarize local hospitals with the properties of H.W. and the types of potential injuries and illnesses from exposure to H.W.? 265.37(a)(4)	✓		
Did the facility document in the operating record any refusal by State or local authorities to enter into such arrangements? 265.37(b)			<u>Not Applicable</u>

Contingency Plan and Emergency Procedures:
(Part 265 Subpart D)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Does the facility have a contingency plan designed to minimize hazards from fires, explosions, or any unplanned releases of H.W. or H.W. constituents? 265.51(a)	/		
Does the plan describe actions personnel must take to comply with 265.51 and 265.56 responses? 265.52(a)	/		
Does the plan describe the arrangements agreed to in 265.37? 265.52(c)	/		
Does the Plan list the current names, addresses, and phone numbers (office & home) of all persons qualified to act as emergency coordinators? 265.52(d)	/		
Does the plan name one person as primary emergency coordinator and list any others in order of responsibility? 265.52(d)	/		
Does the plan list all emergency equipment including the location and physical description of each item on the list and a brief outline of its capability? 265.52(e)	/		
Does the plan include an evacuation plan for personnel and a description of signals to begin evacuation, evacuation routes and alternate routes? 265.52(f)	/		
Is the plan maintained at the facility? 265.53(a)	/		
Has the plan been submitted to all local emergency organizations that may be called upon in responses? 265.53(b)	/		
Has the plan been reviewed and immediately amended whenever: 265.54-			
(a) Applicable regulations are revised?	/		
(b) The plan fails in an emergency?	/		
(c) Facility changes required it?	/		

Contingency Plan and Emergency Procedures: - Con't.
(Part 265 Subpart D)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
(d) The list of emergency coordinators changes?	✓		
(e) The list of emergency equipment changes?	✓		
Is there at all times at least one employee at the facility, or close by and on call, designated as emergency coordinator? 265.55	✓		
Is this coordinator thoroughly familiar with all aspects of site operations, including locations and characteristics of waste handled, the locations of records, the facility layout, and emergency procedures? 265.55	✓		
Does the coordinator have authority to commit the resources to carry out the contingency plan? 265.55	✓		
If an emergency situation has occurred at this facility, did the emergency coordinator immediately:			Not Applicable 
Activate alarm systems? 265.56(a)(1)			
Notify the appropriate response agencies? 265.56(a)(2)			
Identify the character, exact source and amount, and real extent of any released materials? 265.56(b)			
Assess the possible direct and indirect hazards from the release, including gases and run-off of fire fighting materials? 265.56(c)			
If assessment indicates the release could threaten harm outside the facility, does the E.C.:			
Report his findings to appropriate authorities if it may be advisable to evacuate the local area, and remain on call to help the authorities decide? 265.56(d)(1)			

Manifest System, Recordkeeping, and Reporting: - Con't.
(Part 265 Subpart E)

Yes No Comments

Is a copy of each notice, and any applicable certification and demonstration, required of the generator under Part 268 retained for each shipment of wastes received from off-site for: 265.73(b)-

not applicable

- (9) Treatment?
- (11) Disposal?
- (13) Storage?

Is all information required of a generator under Part 268 including notices (except for the manifest number), and any applicable certification and demonstration, on file where the facility is further handling restricted wastes generated on-site by: 265.73(b)-

- (10) Treating?
- (12) Disposing?
- (14) Storing?

Availability, Retention, Disposition of Records:

Are all records, including plans, available for inspection? 265.74(a)

closure plans not available

Manifest System, Recordkeeping, and Reporting: - Con't
(Part 265 Subpart E)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Operating Record:			
Does the facility maintain an operating record? 265.73(a)	✓		
Does the operating record contain the following information:			
A description and the quantity of each waste received as required by Appendix I? 265.73(b)(1)	✓		
The method(s) and date(s) of its treatment, storage or disposal as required by Appendix I? 265.73(b)(1)	✓		
The location of each waste within the facility and the quantity at each location? 265.73(b)(2)	✓		
For disposal facilities, the location and quantity of each waste recorded on a map or diagram of each cell or disposal area? 265.73(b)(2)	✓		
For all facilities, is the location and quantity information cross-referenced to specific manifest numbers? 265.73(b)(2)	✓		
Records and results of all waste analysis and trial tests? 265.73(b)(3)	✓		
Reports detailing all incidents that required implementation of the contingency plan? 265.73(b)(4)	not		Applicable
Records and results of inspections for the last three years? 265.73(b)(5)	✓		
Monitoring, testing, and analytical data? 265.73(b)(6)	✓		
All closure and post-closure costs as applicable? 265.73(b)(7)	✓		
Records of the quantities (and date of placement) for each shipment of hazardous waste placed in land disposal units when granted a Part 268 case-by-case extension, monitoring data required by a successful petition, certifications under 268.8 (1st 3rd soft hammer), and all applicable generator notices? 265.73(b)(8)			not Applicable

Manifest System, Recordkeeping, and Reporting:
(Part 265 Subpart E)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Manifest system:			
If the facility receives H.W. from an off-site source, do they comply with the following manifest requirements:			<i>Not Applicable</i>
Sign and date each copy of the manifest? 265.71(a)(1)	---	---	
Note any significant * discrepancies in the manifest? 265.71(a)(2)	---	---	
Give transporter one copy of the signed manifest? 265.71(a)(3)	---	---	
Within 30 days after delivery, send a copy of the manifest to the generator? 265.71(a)(4)	---	---	
Are records of past shipments retained for 3 years? 265.71(a)(5)	---	---	
Manifest Discrepancies:			
Upon discovering a significant discrepancy, has the facility made an attempt to reconcile the discrepancy with the generator or transporter? 265.72(b)	---	---	
For discrepancies not reconciled within 15 days, has the facility followed the required reporting procedures? 265.72(b)	---	---	
Unmanifested Waste Report:			
For a facility that has accepted a H.W. from an off-site source without an accompanying manifest, and the generator was not a conditionally exempt small quantity generator (261.5), was a report containing the required information submitted to the RA within 15 days after receiving the H.W.? 265.76(a-g)	---	---	

Note: For TSDs that generate H.W. complete Part 262 checklist p. 6, Manifests and p. 9, Recordkeeping and Reporting.

* Significant discrepancies are:

1. For bulk waste; variations > 10% in weight
2. For containerized waste; variations > one drum
3. Obvious differences such as waste solvent substituted for waste acid, or toxic constituents not reported on the manifest.

Contingency Plan and Emergency Procedures: - Con't.
(Part 265 Subpart D)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
If the contingency plan has been implemented:			<i>not applicable</i>
Did the operating record include the date, time, and any details of each incident that required implementation of the contingency plan? 265.56(j)			<i>not applicable</i>
Within 15 days after the incident, did the facility submit a written report to the Regional Administrator? 265.56(j) and 265.77(a)			
Did the report include: 265.56(j)-			
(1) Name, address and phone # of the owner or operator?			
(2) Name, address, and phone # of the facility?			
(3) Date, time, and type of incident?			
(4) Name and quantity of materials involved?			
(5) The extent of any injuries?			
(6) A hazard assessment?			
(7) An estimate of the quantity and disposition of recovered material?			

Manifest System, Recordkeeping, and Reporting: - Con't.
(Part 265 Subpart E)

	<u>Yes</u>	<u>No</u>	<u>Comments</u>
Biennial Report:			
Has the facility submitted a biennial report to the RA by March 1 of each even numbered year? 265.75			<i>not inspected</i>
Was the report submitted on EPA form 8700-13B and did it cover facility activities during the previous calendar year? 265.75	<i>✓</i>		
Does the report include the following information: 265.75-			
(a) EPA identification number, name and address of the facility?	<i>✓</i>		
(b) Calendar year covered by report?	<i>✓</i>		
(c) For off-site facilities, the EPA ID number of each HW generator?	<i>✓</i>		
(d) A description and quantity of each H.W. received and, for off-site facilities, the EPA identification number of each generator listed with this information?	<i>✓</i>		
(e) Methods of treatment, storage, or disposal for each H.W.?	<i>✓</i>		
(f) Ground-water monitoring data under 265.94(a)(2)(ii-iii) and (b)(2)?	<i>✓</i>		
(g) Most recent closure and post-closure cost estimates?	<i>✓</i>		<i>not available for review</i>
(h) Signed certification?			<i>not inspected</i>



ATTACHMENT I

Lab Results



State of California Department of Health Services
Hazardous Materials Laboratory
2151 Berkeley Way, Berkeley, CA 94704

HML #: 902741 to
902751

Phone: (415) 540-3003 or (ATSS) 571-3003

Collector's Name: **GUILLERMO HERNANDEZ**
Site of Sampling: **QUEMETCO**
720 SOUTH 7TH AVENUE
LOS ANGELES, 91804

Auth. No.: **HMG0642**
Activity: **ENF**
Date Collected: **06/13/91**
Date Received: **06/19/91**

Analytical Procedure: EPA-SW 846
Samples are digested with 1:1 HNO₃ (and 30% H₂O₂, and 1:1 HCl, if applicable) over a hot plate. The digestates are filtered and made to final volume with deionized H₂O. Metal analysis of the digest is by ICPAES (EPA #6010). Units are mg/kg.

Method: 3050 for solids; 3010 for liquids; 3005 for clean water.

HML Number: 902741
Collector's Sample No.: QDR-01
Sample Type: LIQUID

As-Arsenic	<0.40
Ba-Barium	<0.02
Be-Beryllium	<0.01
Cd-Cadmium	0.05
Co-Cobalt	<0.20
Cr-Chromium	<0.30
Cu-Copper	<0.10
Mo-Molybdenum	<0.30
Ni-Nickel	<0.30
Pb-Lead	6.23
Se-Selenium	<0.80
Tl-Thallium	<1.50
V-Vanadium	<0.25
Zn-Zinc	0.23

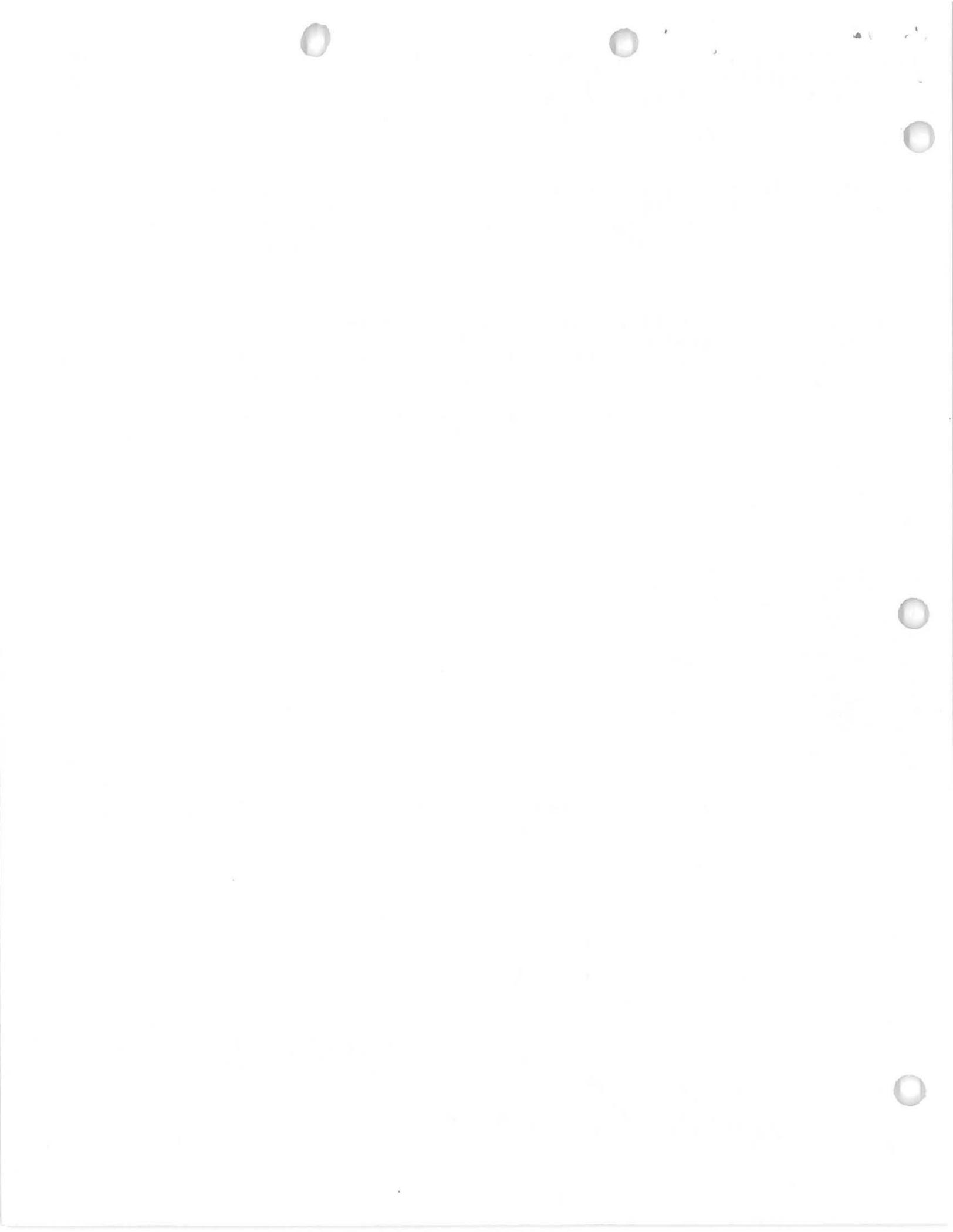
Notes: < = below detection limit of method.
> = beyond standard calibration curve;
(to be confirmed; an additional report will follow)

Marilyn V. de Guzman 7/16/91
ICP Analyst, Date
Marilyn de Guzman

Atif R. Kozman 7/17/91
Chemist's Signature Date
Atif R. Kozman, Chemist

Milad S. Iskander 7/18/91
Supervisor Date

received 7/17/91



State of California Department of Health Services
 Hazardous Materials Laboratory
 2151 Berkeley Way, Berkeley, CA 94704

HML #: 902741 to
 902751

Phone: (415) 540-3003 or (ATSS) 571-3003

Collector's Name: **GUILLERMO HERNANDEZ**
 Site of Sampling: **QUEMETCO**
720 SOUTH 7TH AVENUE
LOS ANGELES, 91804

Auth. No.: **HMG0642**
 Activity: **ENF**
 Date Collected: **06/13/91**
 Date Received: **06/19/91**

Analytical Procedure: **EPA-SW 846**
Samples are digested with 1:1 HNO3 (and 30% H2O2, and 1:1 HCl, if applicable) over a hot plate. The digestates are filtered and made to final volume with deionized H2O. Metal analysis of the digest is by ICPAES (EPA #6010). Units are mg/kg.

Method: **3050 for solids; 3010 for liquids; 3005 for clean water.**

HML Number:	902742	902743	902744	902745	902746
Collector's Sample No.:	QDR-02	QDR-03	QDR-04	QDR-05	QDR-06
Sample Type:	PLASTIC	SOIL	SOIL	RUBBER	RUBBER
As-Arsenic	10.9	95.8	10.2	88.9	167
Ba-Barium	4.28	108	115	32.7	12.9
Be-Beryllium	<0.15	0.28	0.47	<0.15	<0.15
Cd-Cadmium	<0.45	32.9	5.70	2.23	4.89
Co-Cobalt	<2.50	8.22	12.1	<2.50	<2.50
Cr-Chromium	<4.25	21.1	21.8	5.52	<4.25
Cu-Copper	6.48	113	27.1	60.4	148
Mo-Molybdenum	<3.75	<3.75	<3.75	<3.75	<3.75
Ni-Nickel	<2.50	37.6	21.1	14.3	19.6
Pb-Lead	2190	>15000	292	>21800	>9870
Se-Selenium	28.4	<7.50	<7.50	<7.50	13.2
Tl-Thallium	<15.0	<15.0	<15.0	<15.0	<15.0
V-Vanadium	<3.00	23.4	39.3	9.24	<3.00
Zn-Zinc	18.5	288	64.5	73.8	47.7

Notes: < = below detection limit of method.
 > = beyond standard calibration curve;
 (to be confirmed; an additional report will follow)

Marilyn V. de Guzman 7/16/91
 TCP Analyst, Date
 Marilyn de Guzman

Atif R. Kozman 7/17/91
 Chemist's Signature Date
 Atif R. Kozman, Chemist

Milad S. Iskander 7/18/91
 Supervisor Date

ms (rev) 7/17/91



State of California Department of Health Services
 Hazardous Materials Laboratory
 2151 Berkeley Way, Berkeley, CA 94704

HML #: 90274# to
 90275/

Phone: (415) 540-3003 or (ATSS) 571-3003

Collector's Name: **GUILLERMO HERNANDEZ**
 Site of Sampling: **QUEMETCO**
720 SOUTH 7TH AVENUE
LOS ANGELES, 91804

Auth. No.: **HMG0642**
 Activity: **ENF**
 Date Collected: **06/13/91**
 Date Received: **06/19/91**

Analytical
 Procedure:
 EPA-SW 846

Samples are digested with 1:1 HNO3 (and 30% H2O2, and 1:1 HCl, if applicable) over a hot plate. The digestates are filtered and made to final volume with deionized H2O. Metal analysis of the digest is by ICPAES (EPA #6010). Units are mg/kg.

Method: 3050 for solids; 3010 for liquids; 3005 for clean water.

HML Number:	902747	902748	902749	902750	902751
Collector's Sample No.:	QDR-07	QDR-08	QDR-09	QDR-10	QDR-11
Sample Type:	PASTE	RUBBER	DROSSES	SLAG	PLASTIC
As-Arsenic	129	29.4	1600	3120	<5.00
Ba-Barium	512	51.1	151	142	0.99
Be-Beryllium	<0.15	0.29	<0.15	0.19	<0.15
Cd-Cadmium	5.63	1.15	365	124	<0.45
Co-Cobalt	<2.50	3.63	3.22	11.3	<2.50
Cr-Chromium	<4.25	7.67	28.7	412	<4.25
Cu-Copper	90.2	27.7	>17900	3430	<2.50
Mo-Molybdenum	<3.75	<3.75	<3.75	<3.75	<3.75
Ni-Nickel	14.7	11.4	>6540	650	<2.50
Pb-Lead	>23400	>28000	>37600	>31400	467
Se-Selenium	10.8	9.58	1230	64.4	<7.50
Tl-Thallium	<15.0	<15.0	<15.0	<15.0	<15.0
V-Vanadium	<3.00	7.50	5.31	86.5	<3.00
Zn-Zinc	14.4	8.59	94.7	443	26.2

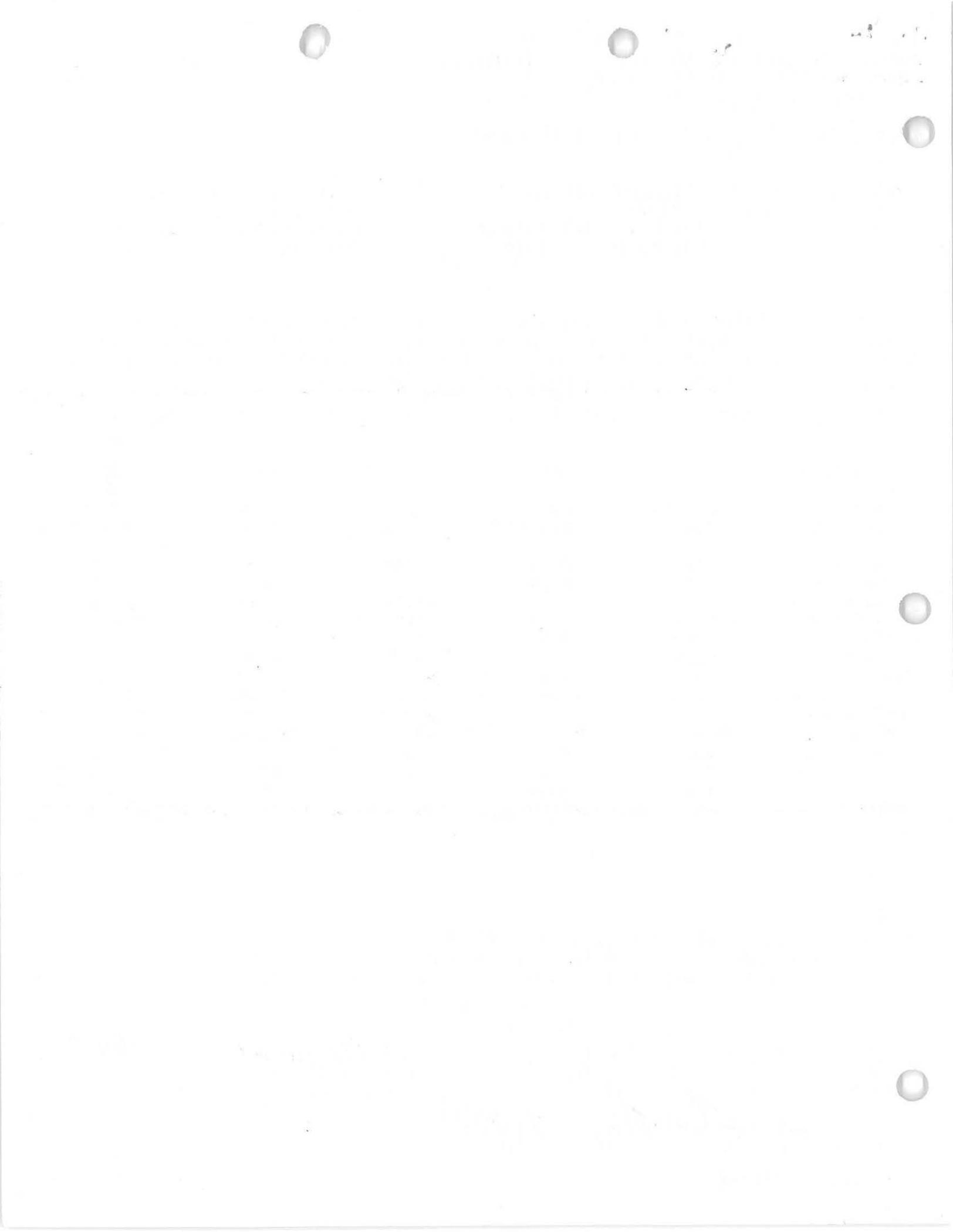
Notes: < = below detection limit of method.
 > = beyond standard calibration curve;
 (to be confirmed; an additional report will follow)

Marilyn D. de Guzman 7/16/91
 MCP Analyst, Date
 Marilyn de Guzman

Atif R. Kozman 7/17/91
 Chemist's Signature Date
 Atif R. Kozman, Chemist

Milad S. Iskander 7/18/91
 Supervisor Date

mt (rev.) 7/17/91



SEP 9 1991

State of California Department of Health Services
Hazardous Materials Laboratory
2151 Berkeley Way, Berkely, CA 94704

HML# 902741TO
HML# 902751

Phone: (510) 540-3003 or (ATSS) 571-3003

Collector's Name: GUILLERMO HERNANDEZ
Sample Location: QUEMETCO
720 S.7TH. AVENUE
CITY OF INDUSTRY

Auth. No.: HMG0642
Activity: ENF.
Date Collected: 06/13/91
Date Received: 08/01/91

ANALYTICAL PROCEDURE: A preliminary evaluation was made on the samples to determine the appropriate extraction fluid. The samples were then extracted for 18 hrs. with the proper extraction fluid. The extracts were filtered and digested with HNO3 and 1:1 HCl over a hot plate. The digests were filtered and made to final volume with deionized water. (EPA Method 1311 and Method 3010 for digestion). Analysis for Pb was done by FAAS (Method 7420). Units are in mg/L.

HML NUMBER	COLL. NUMBER	SAMPLE TYPE	Pb
902741	QDR-01	Liquid	1.37
902744	QDR-04	Soil	<0.50
902751	QDR-11	Soil	4.38

Atif R. Kozman
Chemist
Atif R. Kozman

9/4/91
Date

Milad S. Iskander
Supervisor

9/4/91
Date

ms (kw) 9/4/91



1981

1981

California Department of Health Services
 Hazardous Materials Laboratory
 2151 Berkeley Way, Berkeley, Ca. 94704
 (510)540-3003

Inorganic Quality Assurance

Collector's Name: Guillermo Hernandez
 Sample Location: Quemetco 720S. 7th.Ave.
City of Industry.

HML #: 902741 to 902751
 Activity: Enf.
 Coll's #: QDR-01
 to: QDR-11

Analytical Procedure Used: TCLP extraction and analysis by FAAS.
 Concentration units: mg/L

1. Initial Calibration Verification	Reference Standard Source: SPEX/MES Lot#2-337-vy Exp. 2/'92	Determination	Pb
		Found	0.91
		True	1.00
	% Recovery		91.0
Method Blank		< 0.50	
2. Continuing Calibration Verification	Standard Solution SPEX/MES LOT# 2-337-VY EXP 2/'92	Found	4.99
		True	5.00
		% Recovery	99.8
	Preparation Blank		< 0.50
Sample Duplicate Results	Sample No. HML #902755 Matrix:Soil	Result sample	1.05
		Result dupl.	1.03
		RPD %	1.92
4. Spike Recovery Result	Sample No. HML #902755 Matrix:Soil	Spike Result	1.04
		Sample Result	0.00
		Spike Added	1.00
		% Recovery	104

Signatures:

Atif R. Kozman
 Atif R. Kozman
 Analyst

9/4/91
 Date

Milad S. Iskander
 Milad S. Iskander
 Supervisor

9/4/91
 Date



HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST		All applicable items must be completed	1. HML No. To <u>Hm 60642</u>	2. Page 1 of 2		
3. Collector/Address <u>Guillermo Hernandez</u> <u>1405 N San Fernando Blvd</u> <u>Burbank, CA 91504</u>		4. Phone (612) <u>567-3027</u>		5. Priority <input checked="" type="checkbox"/> <u>2</u> a. Authorized by <u>[Signature]</u>		
6. Date Sampled <u>6/13/91</u>		7. Time Sampled <u>11:45</u> Hours		8. Codes (fill in all applicable codes)		
9. Activity <input checked="" type="checkbox"/> Enf <input type="checkbox"/> Surv <input type="checkbox"/> Site Mit <input type="checkbox"/> Permitting <input type="checkbox"/> Ait Tech <input type="checkbox"/> Other						
10. SAMPLING LOCATION <u>CA 0066233966</u> a. EPA ID No.						
b. Site <u>Quemeco</u>		c. Address <u>720 S. Seventh Ave Industry 91748</u> Number Street City Zip		a. STC <u>3001</u> b. Region <u>5</u> c. TPC d. INDEX <u>7040</u> e. PCA <u>32020</u> f. SITE g. County		
11. SAMPLES						
a. ID	b. Collector's No.	c. HML No.	d. Type	e. Type	f. Size	g. Field Information
A.	<u>QDR-01</u>	<u>902741</u>	<u>Liquid</u>			<u>4 - Liquid</u>
B.	<u>QDR-02</u>	<u>902742</u>	<u>plastic</u>			<u>CR - Chip</u>
C.	<u>QDR-03</u>	<u>902743</u>	<u>Soil</u>			<u>Container</u>
D.	<u>QDR-04</u>	<u>902744</u>	<u>Soil</u>			<u>Container</u>
E.	<u>QDR-05</u>	<u>902745</u>	<u>Rubber</u>			<u>Yellow Container</u>
F.	<u>QDR-06</u>	<u>902746</u>	<u>Rubber</u>			<u>Yellow Container in warehouse</u>
G.	<u>QDR-07</u>	<u>902747</u>	<u>paste</u>			<u>Paste Material pile</u>
H.	<u>QDR-08</u>	<u>902748</u>	<u>Rubber</u>			<u>Rubber pile</u>
12. ANALYSIS REQUESTED					f. <input type="checkbox"/> PCB	k. <input type="checkbox"/> Ext. Org (Screening)
a. <input type="checkbox"/> pH					g. <input type="checkbox"/> VOA	l. <input type="checkbox"/> Chlorinated Pesticides
b. <input type="checkbox"/> Metal Scan					h. <input type="checkbox"/> PAH	m. <input type="checkbox"/> Organo-P Pesticides
c. <input type="checkbox"/> Metals (Spec)					i. <input type="checkbox"/> Phenols	n. <input checked="" type="checkbox"/> <u>TCLP</u>
d. <input type="checkbox"/> W.E.T.					j. <input type="checkbox"/> Carbamates	o. <input type="checkbox"/> <u>on A+D</u>
13. CHAIN OF CUSTODY						
a.	<u>[Signature]</u> Signature	<u>Samples at HML</u> <u>Guillermo Hernandez/HMS</u> Name/Title		<u>6/13/91 - 6/18/91</u> Inclusive Dates		
b.	<u>[Signature]</u> Signature	<u>see original custody</u> Name/Title		<u>11 - 11</u> Inclusive Dates		
c.	<u>[Signature]</u> Signature	Name/Title		<u>11 - 11</u> Inclusive Dates		
d.	<u>[Signature]</u> Signature	Name/Title		<u>11 - 11</u> Inclusive Dates		
14. SPECIAL REMARKS						
15. RECEIVED BY <u>[Signature]</u> a. Title <u>PHC II</u> b. Date <u>8/1/91</u>						
16. SAMPLE ALLOCATION a. <input type="checkbox"/> HML-Berkeley b. <input type="checkbox"/> HML-SC c. <input type="checkbox"/> AIHL d. <input type="checkbox"/> Contract b. Date						
17. ANALYSIS REQUESTED <u>TCLP for metals on A+D</u>						



HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST

All applicable items must be completed

1. HML No. To HM 60642

2. Page of 2 of 2

3. Collector/Address Guillermo Hernandez 1405 Al San Fernando Burbank CA 91504

4. Phone 818567-3021

5. Priority 2 a. Authorized by [Signature]

6. Date Sampled 6/13/91

7. Time Sampled . Hours

8. Codes (fill in all applicable codes)

9. Activity [] Enf [] Surv [] Site Mit [] Permitting [] Ait Tech [] Other

Table with 7 rows (a-g) and 10 columns for codes. Row a: 3 0 0 1. Row b: 5. Row c: []. Row d: 7 0 4 0. Row e: 3 2 0 2 6. Row f: []. Row g: [].

10. SAMPLING LOCATION CAN 06 6 2 3 3 9 6 0 a. EPA ID No.

b. Site Quonseto

c. Address 720 S 7th Ave LA 91748 Number Street City Zip

11. SAMPLES

Table with 7 columns: a. ID, b. Collector's No., c. HML No., d. Type, e. Type, f. Size, g. Field Information. Rows A-H with handwritten entries like 'Drosses', 'Slag', 'waste pile', 'outgoing plastic'.

12. ANALYSIS REQUESTED

- a. [] pH b. [] Metal Scan c. [] Metals (Spec) d. [] W.E.T. f. [] PCB g. [] VOA h. [] PAH i. [] Phenols j. [] Carbamates k. [] Ext. Org (Screening) l. [] Chlorinated Pesticides m. [] Organo-P Pesticides n. [x] TCEP on Only o. []

13. CHAIN OF CUSTODY

Table with 4 rows (a-d) for signatures and names, and inclusive dates. Includes handwritten note 'Samples at HML see original custody'.

14. SPECIAL REMARKS

15. RECEIVED BY [Signature] a. Title PHCII b. Date 8/1/91

16. SAMPLE ALLOCATION a. [] HML-Berkeley b. [] HML-SC c. [] AIHL d. [] Contract b. Date

17. ANALYSIS REQUESTED TELP for metals on C

FIELD

LAB



11111

CALIFORNIA DEPARTMENT OF HEALTH SERVICES
HAZARDOUS MATERIALS LABORATORY SECTION
2151 BERKELEY WAY, BERKELEY, CA 94704
(415) 540-3003

HML# 902741 TO
HML# 902751

LABORATORY REPORT FOR METAL ANALYSIS

COLLECTOR'S NAME: Guillermo Hernandez COLLECTOR'S #: QDR-01
LOCATION: Quemetco TO: QDR-11
720 S.7th. Ave., L.A. ACTIVITY: Enf.
DATE SAMPLED: 06/13/91
DATE RECEIVED: 06/20/91

ANALYTICAL PROCEDURE: The samples are digested with 1:1 HNO₃, 30% H₂O₂, and 1:1 HCl over a hot plate. The digested samples were filtered and made to volume with deionized water. Metal analysis is by FAAS. Results are reported as mg/kg.
REF. EPA METHOD 3050, 3010.

HML NUMBER	COLLECTOR NO.	SAMPLE TYPE	Pb	Cu	Ni
902743	QDR-03	Soil	15,800	-----	-----
902745	QDR-05	Rubber	20,800	-----	-----
902746	QDR-06	Rubber	9,500	-----	-----
902747	QDR-07	Paste	21,800	-----	-----
902748	QDR-08	Rubber	29,200	-----	-----
902749	QDR-09	Drosses	35,700	15,200	6,500
902750	QDR-10	Slag	30,500	-----	-----

SIGNATURES:

Atif R. Kozman 8/14/91
Atif R. Kozman Date
Analyst

Milad S. Iskander 8/15/91
Milad S. Iskander Date
Supervisor

California Department of Health Services
 Hazardous Materials Laboratory
 2151 Berkeley Way, Berkeley, Ca. 94704
 (415) 540-3003

Inorganic Quality Assurance

Collector's Name: Guillermo Hernandez

HML #: 902741 to 902751

Sample Location: Quemetco
720, S.7th.Ave., L.A.

Activity: Enf.
 Collector's #: QDR-01
 to: QDR-11

Analytical Procedure Used: HNO₃ digestion and analysis by FAAS.
 Concentration units: mg/Kg. Ref. Method 3050, 3010.

1. Initial Calibration Verification	Reference Standard	Determination	Pb	Cu	Ni
	Source: SPEX Lot#2-337VY Exp. 2/92	Found	15.1	15.6	14.7
		True	15.0	15.0	15.0
		% Recovery	101	96.1	98.0
Method Blank			0.36	0.08	0.03
2. Continuing Calibration Verification	Standard Solution SPEX Lot#2-337VY Exp. 2/92	Found	14.5	15.6	14.9
		True	15.0	15.0	15.0
		% Recovery	96.7	96.1	99.3
	Preparation Blank			0.72	0.08
Sample Duplicate Results	Sample No.	Result sample	22.2	22.7	22.3
	HML # 910044 902760 902749	Result dupl.	22.1	22.7	22.2
	Matrix: Soil	RPD %	0.45	0	0.45
4. Spike Recovery Result	Sample No. HML # 910044 902760 902749 Matrix: Soil	Spike Result	22.2	22.7	22.3
		Sample Result	12.5	12.3	12.9
		Spike Added	10.0	10.0	10.0
		% Recovery	97.6	104	94.0

Signatures:

Atif R. Kozman 8/14/91
 Analyst Date

Milad S. Iskander
 Supervisor

8/15/91
 Date

HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST

All applicable items
must be completed

1. HML No To HMG 6642

2. Page of 1 of 2

3. Collector/Address Guillermo Hernandez
1705 N. San Fernando Blvd
Burbank CA, 91504

4. Phone (818) 567 - 3024

5. Priority 2
a. Authorized by Esley

6. Date Sampled 6/13/91 7. Time Sampled _____ Hours

8. Codes (fill in all applicable codes)

a. STC	<u>3001</u>
b. Region	<u>5</u>
c. TPC	
d. INDEX	<u>7040</u>
e. PCA	<u>32020</u>
f. SITE	
g. County	

9. Activity Ent Surv Site Mit Permitting Ait Tech Other

10. SAMPLING LOCATION CAD 066233966
a. EPA ID No.

b. Site Quemetro
c. Address 720 S. 7th Ave LA 91504
Number Street City Zip

11. SAMPLES

a. ID	b. Collector's No.	c. HML No.	d. Type	e. Container Type	f. Size	g. Field Information
A.	<u>QDR-01</u>	<u>902741</u>	<u>Liquid</u>	<u>LB</u>	<u>1 pint</u>	<u>TRUCK - Liquid</u>
B.	<u>QDR-02</u>	<u>902742</u>	<u>plastic (plastic)</u>			<u>TRUCK - chips</u>
C.	<u>QDR-03</u>	<u>902743</u>	<u>Soil</u>			<u>Container</u>
D.	<u>QDR-04</u>	<u>902744</u>	<u>Soil</u>			<u>Container</u>
E.	<u>QDR-05</u>	<u>902745</u>	<u>Rubber</u>			<u>yellow container</u>
F.	<u>QDR-06</u>	<u>902746</u>	<u>Rubber</u>			<u>yellow container see warehouse</u>
G.	<u>QDR-07</u>	<u>902747</u>	<u>paste (paste)</u>			<u>(plastic) 1/2 oz metal pili</u>
H.	<u>QDR-08</u>	<u>902748</u>	<u>Rubber</u>			<u>Rubber pile</u>

12. ANALYSIS REQUESTED

- a. pH
- b. Metal Scan
- c. Metals (Spec)
- d. W.E.T.
- f. PCB
- g. VOA
- h. PAH
- i. Phenols
- j. Carbamates
- k. Ext. Org (Screening)
- l. Chlorinated Pesticides
- m. Organo-P Pesticides
- n.
- o.

13. CHAIN OF CUSTODY

a. <u>Esley</u> Signature	<u>Guillermo Hernandez / Hms</u> Name/Title	<u>6/13/91 - 6/15/91</u> Inclusive Dates
b. <u>Jana Hannon</u> Signature	<u>Terana Hannon / LA</u> Name/Title	<u>6/19/91 - 1/1</u> Inclusive Dates
c. _____ Signature	_____ Name/Title	<u>1/1 - 1/1</u> Inclusive Dates
d. _____ Signature	_____ Name/Title	<u>1/1 - 1/1</u> Inclusive Dates

14. SPECIAL REMARKS

15. RECEIVED BY Camela Schur a. Title PHC II b. Date 6/20/91

16. SAMPLE ALLOCATION a. HML-Berkeley b. HML-SC c. AIHL d. Contract b. Date _____

17. ANALYSIS REQUESTED metals.

FIELD LAB



HAZARDOUS MATERIALS SAMPLE ANALYSIS REQUEST

All applicable items must be completed

1. HML No. To H.M 60642 2. Page 2 of 2

Collector/Address Guillermo Hernandez 4. Phone (818) 567-3024
1403 N. San Fernando Blvd
San Fernando, CA 91504

5. Priority 2
a. Authorized by [Signature]

6. Date Sampled 6/13/91 7. Time Sampled _____ Hours _____

8. Codes (fill in all applicable codes)

9. Activity Env Surv Site Mit Permitting Ait Tech Other

a. STC	3	0	0	1					
b. Region	5								
c. TPC									
d. INDEX	7	0	4	0					
e. PCA	3	2	0	7	0				
f. SITE									
g. County									

10. SAMPLING LOCATION CANDOLE 6233966
a. EPA ID No.

b. Site Quemada

c. Address 720 S 7th Ave LA 91504
Number Street City Zip

11. SAMPLES

a. ID	b. Collector's No.	c. HML No.	d. Type	e. Type	f. Size	g. Field Information
A.	<u>QDR-09</u>	<u>902749</u>	<u>druses</u>	<u>Glass</u>	<u>Small</u>	<u>Waste pile (waste pile)</u>
B.	<u>QDR-10</u>	<u>902750</u>	<u>slag</u>	<u>↓</u>	<u>↓</u>	<u>Waste pile</u>
C.	<u>QDR-11</u>	<u>902751</u>	<u>plastic bags</u>	<u>↓</u>	<u>↓</u>	<u>outgoing plastic bags (plastic)</u>
D.						
E.						
F.						
G.						
H.						

12. ANALYSIS REQUESTED

- a. pH
- b. Metal Scan
- c. Metals (Spec)
- d. W.E.T.
- f. PCB
- g. VOA
- h. PAH
- i. Phenols
- j. Carba-mates
- k. Ext. Org (Screening)
- l. Chlorinated Pesticides
- m. Organo-P Pesticides
- n.
- o.

13. CHAIN OF CUSTODY

a. <u>[Signature]</u> Signature	<u>Guillermo Hernandez/HMS</u> Name/Title	<u>6/13/91 - 6/15/91</u> Inclusive Dates
b. <u>Terana Hannon</u> Signature	<u>Terana Hannon/LA</u> Name/Title	<u>6/19/91 - / /</u> Inclusive Dates
c. _____ Signature	_____ Name/Title	<u>/ / - / /</u> Inclusive Dates
d. _____ Signature	_____ Name/Title	<u>/ / - / /</u> Inclusive Dates

14. SPECIAL REMARKS

15. RECEIVED BY [Signature] a. Title PHC II b. Date 6/20/91

16. SAMPLE ALLOCATION a. HML-Berkeley b. HML-SC c. AIHL d. Contract b. Date _____

17. ANALYSIS REQUESTED Metals

FIELD

LAB



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