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RO2916

ENVIRONMENTAL SERVICES
910 81ST AVENUE-UNIT #18
OAKLAND, CALIFORNIA
SCI 611.008

Alameda County
AUG 24 2006
Environmental Health

Prepared for:

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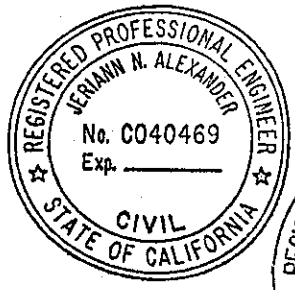
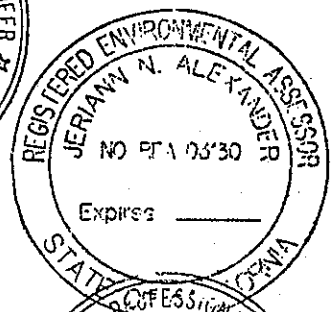
By:





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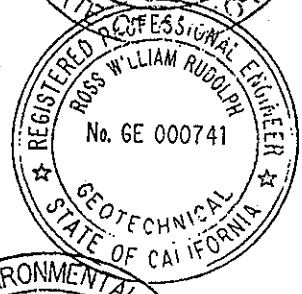

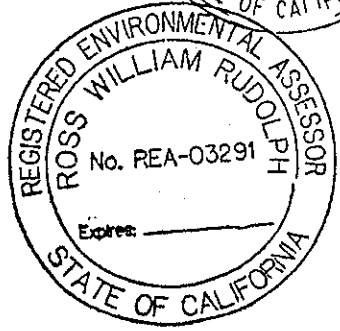

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March 13, 1997

TABLE OF CONTENTS

I INTRODUCTION

This report records the results of environmental services performed by Subsurface Consultants, Inc. (SCI) and Laidlaw Environmental Services, Inc. (Laidlaw) at the former Elmhurst Anodizing & Manufacturing Company (Elmhurst) located at 910-81st Avenue, Unit #18 in Oakland, California (site). The services performed constituted an urgent response action under the supervision of the United States Environmental Protection Agency (EPA) Region IX. The location of the site is shown on Plate 1.

II BACKGROUND

Elmhurst operated a metal plating shop until early 1996 when they were evicted from the site by the property owner. Elmhurst vacated the property leaving an extensive amount of business and personal property including equipment and hazardous chemicals used for metal plating.

In March 1996, Mr. Donald Hwang of the Alameda County Health Care Services Agency (County) conducted a routine inspection of the site and found that the tenant (Elmhurst) had abandoned the property leaving behind hazardous chemicals and materials.

During this same time period, the EPA in San Francisco, California, was contacted by a person unknown to SCI and asked to perform a site assessment. Ecology and Environment, Inc. (E&E), an EPA contractor, conducted a site assessment on March 10, 1996. During the site assessment, E&E personnel screened and inventoried the contents of chemical containers including vats and tanks. E&E discovered that concentrated acids and bases were being stored in the containers. Some of the containers were in close proximity to each other and some of the containers were leaking. A copy of the field notes, taken by E&E personnel, which lists containers, chemical contents, condition of the containers, and location of the containers is presented in Appendix A. A site plan showing the layout of the plating activities area and the location of containers is presented on Plate 2.

On the same day that the site assessment was completed by E&E, March 10, 1996, a meeting was held with the property owner's representatives and various local and regional

government officials to discuss a) hazardous material removal and disposal methods, b) building decontamination, and c) confirmation sampling protocol. Meeting attendees are listed below:

OWNER'S REPRESENTATIVES	COMPANY
Mr. Steve Banker	LCB Associates
Mr. R. William Rudolph	Subsurface Consultants, Inc.
Ms. Jeriann Alexander	Subsurface Consultants, Inc.
Mr. Jack Bettencourt	Laidlaw

REGULATORY PERSONNEL	AGENCY
Mr. William Lewis	EPA, Region IX
Mr. Keith Kuerzel	E&E (EPA Contractor)
Mr. Donald. Hwang	Alameda County Health Care Services Agency (County)
Mr. Leroy Griffin	City of Oakland Fire Department
Mr. Thomas Paulson	East Bay Municipal Utility District

During the March 10, 1996 meeting, Mr. Lewis (EPA) indicated that an urgent response action was warranted due to the deteriorated condition of some of the containers containing caustics and acids; and the imminent threat to human health and safety. Mr. Lewis was concerned about the storage of incompatible chemicals, i.e., concentrated acids and bases, in containers located in close proximity to each other.

To address EPA's concerns, SCI prepared a letter which described a three-phase response action for removal and disposal of hazardous materials and building decontamination. SCI submitted the response action approach letter to EPA on March 10, 1996, the same day as the meeting with regulatory personnel. A copy of SCI's letter is presented in Appendix B. The EPA verbally approved the response action approach and requested immediate implementation.

III RESPONSE ACTIONS

The response action approach included:

- Phase 1 - Urgent Response

  Overpacking potentially leaking, improperly sealed and/or inappropriate containers containing hazardous materials/wastes, and removal of bulk liquids, e.g., acids and caustics, contained within onsite vats and tanks.

- Phase 2 - Lab Packing and Chemical/Debris Disposal

  Lab packing remaining hazardous and non-hazardous liquids, solids, and contaminated debris at the site.

- Phase 3 - Building Decontamination and Confirmation Sampling

  Decontamination of interior walls and floors and analyzing soil, wall, and floor surface samples.

Services performed during each phase of the response action are described below.

A. Phase 1 - Urgent Response

Bulk liquid acids and caustics were completely removed from the site on March 11, 1996 by Laidlaw. Laidlaw personnel vacuumed bulk liquid caustics into a 5,000-gallon tank truck provided by Erickson, Inc., Richmond, California, a licensed hazardous materials transporter. Approximately 2,000 gallons of caustic sodium hydroxide solution was transported for treatment and disposal at the USPCI facility (EPA ID No. CAD059494310) in San Jose, California. All work was performed by health and safety trained personnel wearing level C personal protective equipment.

Laidlaw personnel also vacuumed sulfuric acid from the anodizing baths into a specially lined tanker truck provided by USPCI. A scrubber unit was used to neutralize acid vapor generated during pumping. Approximately 750 gallons of sulfuric acid was transported for

treatment and disposal at the USPCI facility in San Jose, California. Uniform Hazardous Waste Manifest forms for transportation and disposal are included in Appendix C.

B. Phase 2 - Lab Packing and Chemical/Debris Disposal

Phase 2 activities commenced within about one week following the completion of Phase 1. Initially, Laidlaw saw-cut emptied vats and tanks, and placed the pieces in a lined metal roll-off bin. In addition, Laidlaw placed other materials and debris into another roll-off bin. A total of 40 labeled drums, 3 plastic box containers, and 2 metal roll-off bins were transported by Laidlaw to its treatment, storage and disposal facility (TSDF) in Phoenix, Arizona (EPA ID No. AZD049318009). A summary of waste materials and debris removed from the site is presented in Table 1. Hazardous waste manifests and supporting documents are included in Appendix D.

The Phase 2 response action scope was broadened to include demolition and removal of portions of the concrete slab that appeared impacted by chemical spills. SCI observed Laidlaw demolish selected portions of the concrete slab on March 27, 1996. Approximately 12,700 pounds of concrete debris was loaded into a metal roll-off bin and transported to Laidlaw's TSDF facility in Westmorland, California (EPA ID No. CAD000633164) by Der Beste Transportation, Inc., a licensed hazardous waste transporter. Hazardous waste manifests and supporting documents are included in the Appendix D.

C. Phase 3 - Building Decontamination and Confirmation Sampling

1. Building Decontamination

Laidlaw completed pressure washing interior building walls and floors on May 27, 1996. Approximately 174 gallons of rinsate water was generated and recovered using a vacuum truck. The rinsate water was transported to a TSDF under manifest (see Appendix D).

SCI observed the condition of the walls and floor spaces within the former plating activity area following pressure washing activities. Washed surfaces showed signs of deterioration. Indications observed included those presented below.

- Painted wall surfaces are chipped in areas.
- Concrete floor slab is pitted in some areas.
- Wall and floor stains are still visible.
- A white precipitate is present on the slab in some areas.
- Hairline floor cracks are visible in some areas.

2. **Confirmation Sampling**

SCI obtained a soil sample just outside the rear door of the facility at a depth of 12 inches below the existing grade. The sample (S-1) was retained in a pre-cleaned brass tube and capped on both ends with Teflon tape and plastic caps. The soil sample was placed in an ice-filled cooler and delivered to Curtis & Tompkins, Inc., a state certified analytical laboratory, for analysis of heavy metals and pH at the request of the EPA. Table 2 summarizes all detected metal concentrations along with their respective Total Threshold Limit Concentrations (TTLC). An excerpt from Table 2 showing detected soil concentrations for selected metals of concern typically associated with metal plating operations is presented below:

Metal	Detected Soil Concentration (mg/kg)	TTLC (mg/kg)
Chromium	49	500
Lead	12	1,000
Arsenic	8	500
Cadmium	0.77	100
Mercury	0.11	20

All detected metals concentrations were less than the respective TTLC values. The pH of the soil sample was 7.8, which indicates that concentrated acids or caustics are not present in this soil

sample. This limited data does not suggest that a significant release of metal plating compounds to the exposed ground surface has occurred in the area sampled. Laboratory test reports are presented in Appendix E.

To assess the effectiveness of the building decontamination effort, six wipe samples were collected at floor and wall locations near former aboveground storage tanks (W-1, W-2, W-3 and W-4) and in areas of yellowish stains on the concrete floor (W-5 and W-6). Wipe sample locations are shown on Plate 2. Wipe sample pads and containers were prepared for use by Curtis & Tompkins, Ltd., the project analytical laboratory. Pads were moistened with de-ionized water prior to wiping a measured 100 square centimeter area. Wipe sample pads were sealed in 4 oz. glass jars, placed in an ice-filled cooler, and delivered under Chain-of-Custody to Curtis & Tompkins.

Wipe samples were analyzed for pH and California Title 26 metals. Wipe sample analytical results are summarized in Table 2. The range of metal concentrations detected in the wipe sample are shown in Table 2 and concentrations for selected metals of concern are summarized below:

Metal	Detected Wipe Sample Concentration (µg/sample)		
Arsenic	0.8	to	1.9
Cadmium	0.42	to	2.6
Total Chromium	5.3	to	130
Lead	6.7	to	88
Mercury	0.17	to	1.3
Zinc	0.21	to	21,000

The pH of the wipe samples ranged from a minimum of 6.8 to a maximum of 9.4. The data indicate that past releases of chemicals have resulted in (1) deteriorated slab and wall surfaces,

and (2) residues which are not easily removed using conventional pressure washing techniques. Laboratory test reports are presented in Appendix E.

IV CONCLUSIONS

Urgent response services were performed to mitigate hazardous conditions resulting from the unattended storage of incompatible chemicals and to remove contaminated debris from the building where Elmhurst formerly operated a metal plating shop. The removal and disposal of bulk liquid acids and caustics, waste materials, and miscellaneous debris were completed in accordance with the planned scope of services.

Releases to the ground surface via slab drainage to the rear yard area have not significantly impacted surface soils. The soil sample analyses indicated a neutral pH and typical background levels of heavy metals.

Regarding building decontamination, it appears that the walls and floor areas exposed to former plating activities still contain surface residues, and stains still exist. A noticeable precipitate became visible as the floor slab dried following pressure washing. It is likely that the precipitation is the result of past chemical reactions working to degrade the slab.

V LIMITATIONS

The environmental services provided are limited to the planned scope of services outlined in SCI's letter dated March 10, 1996. SCI's scope of services did not include an evaluation of potential human health risks to future occupants or site workers from chemical residues that may remain on the interior building surfaces. In addition, if areas of contamination exist on other locations of the property, away from the areas investigated, they would not have been remediated nor detected during these services.

It should be recognized that the definition and evaluation of environmental conditions is difficult and inexact. Judgments leading to conclusions and recommendations are generally made with an incomplete knowledge of the subsurface and/or historic conditions applicable to the site. The conclusions made herein also reflect site conditions and laws governing hazardous waste at the time the services described herein were rendered.

Tables:

Table 1	Summary of Waste Materials and Liquids Removed from Site
Table 2	Heavy Metal and pH Concentrations in Soil and Wipe Samples

Illustrations:

Plate 1	Site Plan
Plate 2	Plating Area Operations Plan

Appendices:

A	Ecology and Environmental (E&E), Summary and Site Plan
B	SCI Letter Dated March 10, 1996
C	Phase 1 Uniform Hazardous Waste Manifests
D	Phase 2 and 3 Uniform Hazardous Waste Manifests
E	Analytical Laboratory Test Reports

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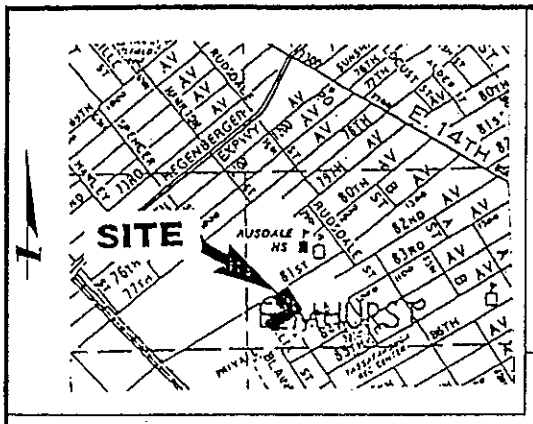
TABLE 1
SUMMARY OF WASTE MATERIALS AND LIQUIDS REMOVED FROM SITE
910 81st AVENUE, UNIT #18
OAKLAND, CA

IDENTIFICATION NUMBER(S)	CONTENTS	NUMBER OF CONTAINERS	CONTAINER TYPE	TOTAL QUANTITY	UNIT	DATE
PHASE 2 REMOVAL						
Lab Pack 1	Sodium hydroxide solution	1	Plastic drum	55	gallon	3/24/95
Lab Pack 2	Batteries, wet, filled with acid	1	Plastic drum	45	pound	3/24/95
Lab Pack 3	Caustic alkali liquids	1	Plastic drum	5	gallon	3/24/95
Lab Pack 4	Corrosive liquids	1	Plastic drum	30	gallon	3/24/95
Lab Pack 5	Nitrating acid mixtures	1	Plastic drum	55	gallon	3/24/95
Lab Pack 6	Flammable liquids (petroleum distillates, kerosene)	1	Metal drum	55	gallon	3/24/95
Lab Pack 7	Flammable liquid (acetone)	1	Metal drum	55	gallon	3/24/95
Lab Pack 8	Corrosive solid (chromate, ammonium bifluoride)	1	Metal drum	200	pounds	3/24/95
Lab Pack 9	Oxidizing substances, solid (sodium persulfate)	1	Metal drum	250	pounds	3/24/95
Lab Pack 10	Oxidizing substances, solid (ammonium nitrate)	1	Metal drum	170	pounds	3/24/95
Lab Pack 12	Oxidizing substances, solid (sodium bichromate)	1	Metal drum	225	pounds	3/24/95
Lab Pack 13	Poisonous liquids, flammable (malathion, xylene)	1	Plastic drum	5	gallons	3/24/95
Lab Pack 15	Aerosols	1	Plastic drum	8	pounds	3/24/95
Lab Pack 16	Propane	1	Plastic drum	10	pounds	3/24/95
Lab Pack 17	Carbon dioxide	1	Plastic drum	60	pounds	3/24/95
Lab Pack 14	Aerosols	1	Plastic drum	18	pounds	3/24/95
Lab Pack 21	Non-RCRA wastes, solid (paints, grease, wax, soap, caulk)	3	Metal drum	825	pounds	3/24/95
Lab Pack 11	Non-RCRA wastes, liquid (paints, latex, magnesium sulfated water)	1	Metal drum	55	gallons	3/24/95
950310M2LCB-106	Hydrochloric acid	1	Metal drum	55	gallons	3/24/95
950310M2LB6-107	Hydrochloric acid	1	Metal drum	15	gallons	3/24/95
950310M2LCB-108,109,110	Sulfuric acid	3	Plastic drum	125	gallons	3/24/95
950310M2LCB-111	Corrosive liquids, poisonous (acetic acid, formaldehyde)	1	Metal drum	30	gallons	3/24/95
950310M2LCB-112	Sodium hydroxide solution	1	Plastic drum	55	gallons	3/24/95
950310M2LCB-104, 113	Sodium hydroxide solution	2	Metal drum	140	gallons	3/24/95
950310M2LCB-117	Corrosive solids (chromic acid)	1	Plastic drum	240	pounds	3/24/95
950310M2LCB-105	Hazardous waste, solid (lead)	1	Metal drum	450	pounds	3/24/95
950310M2LCB-100-101,115-116	Corrosive solid (Sodium hydroxide)	4	Metal drum	1400	pounds	3/24/95
950310M2LCB-102, 114	Sodium hydroxide, solid	2	Plastic drum	450	pounds	3/24/95
950310M2LCB-103	Non-RCRA hazardous waste, liquid (oil)	1	Plastic drum	5	gallons	3/24/95
950310M2LCB-121	Non-RCRA hazardous waste, solid (nickel sulfate)	1	Metal drum	90	pounds	3/24/95
950310M2LCB-18	Waste charcoal	1	Metal drum	200	pounds	3/23/95
950310M2LCB-118, 119, 120	Sodium hydroxide, solid	3	Plastic case	3	cubic yards	3/23/95
--	Hazardous waste, solid (lead, chromium contaminated debris including wood, steel, plastic, paper, and concrete)	1	Metal roll-off bin	12,700	pounds	3/24/95
--	Non-RCRA hazardous waste, solid (plastic, steel, and wood debris)	1	Metal roll-off bin	12,700	pounds	3/24/95
PHASE 3 REMOVAL						
--	Non-RCRA hazardous waste, liquid (water with trace metals)	1	Tank truck	174	gallons	5/27/96
--	Non-RCRA hazardous waste, solid (debris)	1	Metal roll-off bin	5	cubic yards	5/27/96

TABLE 2
HEAVY METAL AND pH CONCENTRATIONS IN SOIL AND WIPE SAMPLES
910 81st AVENUE, UNIT #18
OAKLAND, CA

Metal	S-1 (mg/kg)	TTLC (mg/kg)	W-1 (µg/sample)	W-2 (µg/sample)	W-3 (µg/sample)	W-4 (µg/sample)	W-5 (µg/sample)	W-6 (µg/sample)
Antimony	<3.0	500	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
Arsenic	8.0	500	<0.50	1.9	0.80	1.3	0.80	1.9
Barium	220	10,000	<2.0	34	390	38	9.5	22
Beryllium	1.1	75	0.22	0.23	0.24	0.21	0.23	0.22
Cadmium	0.77	100	0.54	2.1	1.2	2.6	0.42	1.8
Chromium (total)	49	500	9.7	80	130	57	5.3	15
Cobalt	10	8,000	<2.0	<2.0	2.8	3.2	<2.0	<2.0
Copper	28	2,500	5.3	16	12	11	2.3	8.1
Lead	12	1,000	6.7	39	22	54	15	88
Mercury	0.11	20	1.3	0.73	0.56	0.83	0.17	0.60
Molybdenum	<0.99	3,500	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Nickel	36	2,000	3.6	53	78	51	3.0	6.8
Selenium	1.2	100	0.87	0.92	1.0	0.95	0.66	1.2
Silver	<0.50	500	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium	<0.25	700	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Vanadium	60	2,400	3.0	1.8	<1.0	<1.0	<1.0	1.7
Zinc	61	5,000	21	21,000	1,700	6,900	450	98
pH	7.8	--	8.2	9.4	8.6	8.0	6.8	7.7

TTLC Total Threshold Limit Concentration



VICINITY MAP

81ST AVENUE

900

880

910

LEGEND

PROPERTY BOUNDARY

UNIT #18

N

APPROXIMATE SCALE IN FEET

0 100 200

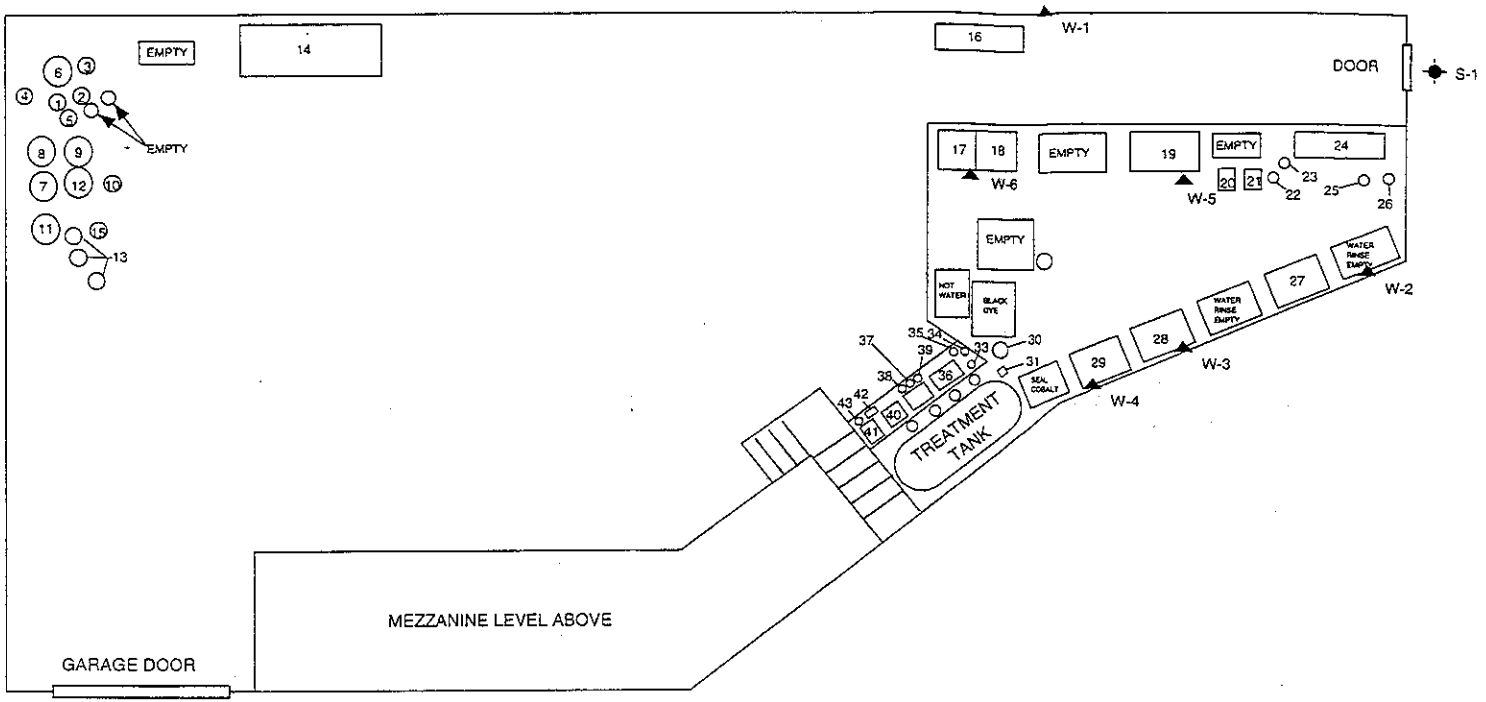
SITE PLAN

Subsurface Consultants

910 81ST AVENUE, UNIT #18 - OAKLAND, CA

JOB NUMBER	DATE	APPROVED
611.008	5/9/96	

PLATE 1



E&E DRUM CONTENT NOTES

	Label	Appearance	Container		Comments
1	Unkown	Clear liquid	5 gallon	Full	
2	Unkown	Clear liquid	5 gallon	Full	
3	Unkown	Clear liquid	5 gallon	Full	
4	Muriatic Acid	Black container	30 gallon	Full	
5	Anastrip	White drum	40 gallon	Full	
6	Unown	Black container	55 gallon	Full	
7	Erace (poison)	Black container	55 gallon	Full	Eroding
8	Tech etch	Black container	55 gallon	1/2	
9	Unkown	Black container	55 gallon	1/2	
10	Corlum	Brown	30 gallon	1/2	
11	Unkown	Black drum	55 gallon	Full	
12	Unkown	Black drum	55 gallon	Full	
13	Unkown	Black oil like	2 gallon	1/2	
14	None	10x4x4/dry sludge	10x4x4	1/4	
15	Empty	Blue 2 gal	2 gallon	1/2	
16	Aluminax 1030	Brown drum	55 gallon	Full	
17	Danger Acid	Dark color	Square/white 80 gallon	Full	pH 0
18	None	Black	150 gallon	Full	pH 7
19	Alodine Rinse	Black	150 gallon	1/2	pH 7
20	None	Fuming	8 gallon	Full	pH 0
21	None	Black	5 gallon		
22	Waste	Grey solids	30 gallon	1/2	pH 14
23	Rinse Water	Black	35 gallon	Full	pH 1
24	None	Black	1000 gallon	Full	pH 0
25	Waste	Waste	30 gallon	Full	pH 14
26	None	Opaque	30 gallon	1/2	pH 12
27	None	Grey	500 gallon	1/16	
28	None	Clear	500 gallon	1/24	pH 7
29	None	Dry sludge	500 gallon	1/16	
30	HNO_3 (nitric)	Corroded	3 gallon	Full	
31	None	Clear	70 gallon	1/2	pH 7
32	Sulfric	Black container	30 gallon	Full	
33	None	Blue drum	55 gallon	1/8	pH 7
34	None	Brown can	30 gallon	1/2	pH 7
35	None	Green can	30 gallon	Full	pH 7
36	None	4x2x4	500 gallon	1/2	pH 10
37	None	20 gal/drum	20 gallon	1/4	
38	None	20 gal	20 gallon	1/4	
39	None	White	2 gallon	Full	
40	None	Dark liquid	350 gallon	1/2	pH 10
41	None	Dark liquid	350 gallon	Full	pH 10
42	None	Dark liquid	30 gallon	1/2	pH 10
43	None	Dark liquid	50 gallon	Full	pH 10

LEGEND

S-1 SOIL SAMPLE

W-2 WIPE SAMPLE

CONTAINERS AND DRUMS APPROXIMATELY LOCATED; SIZES SHOWN ARE NOT TO SCALE

APPROXIMATE SCALE (feet)

0 10 20

PLATING OPERATIONS AND SAMPLE LOCATIONS PLAN

Subsurface Consultants

910 81ST AVENUE, UNIT #18 - OAKLAND, CA

JOB NUMBER 611.008

DATE 5/9/96

APPROVED

PLATE 2

APPENDIX A

ECOLOGY AND ENVIRONMENTAL (E&E), SUMMARY AND SITE PLAN

Notebook No. _____

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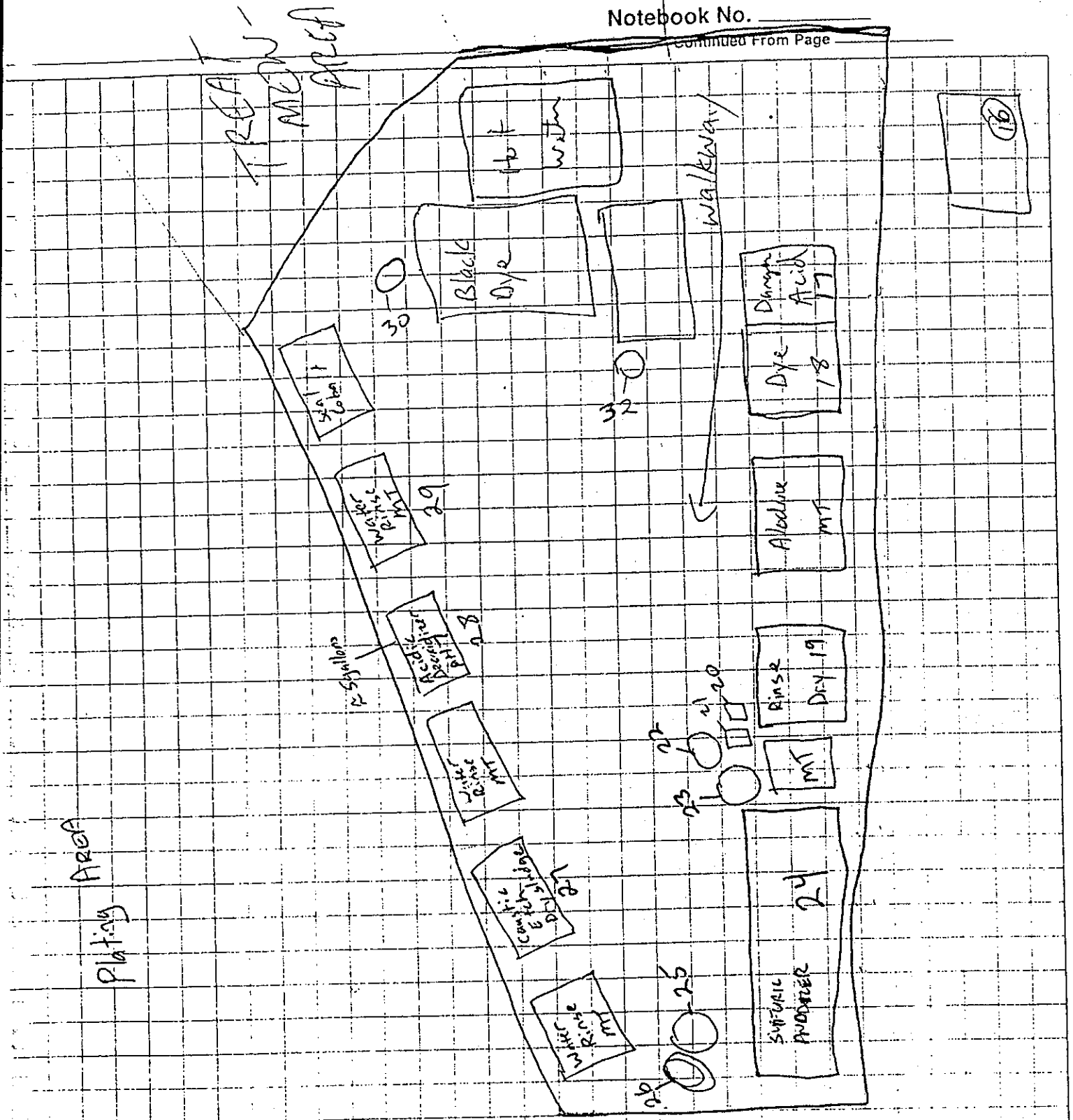

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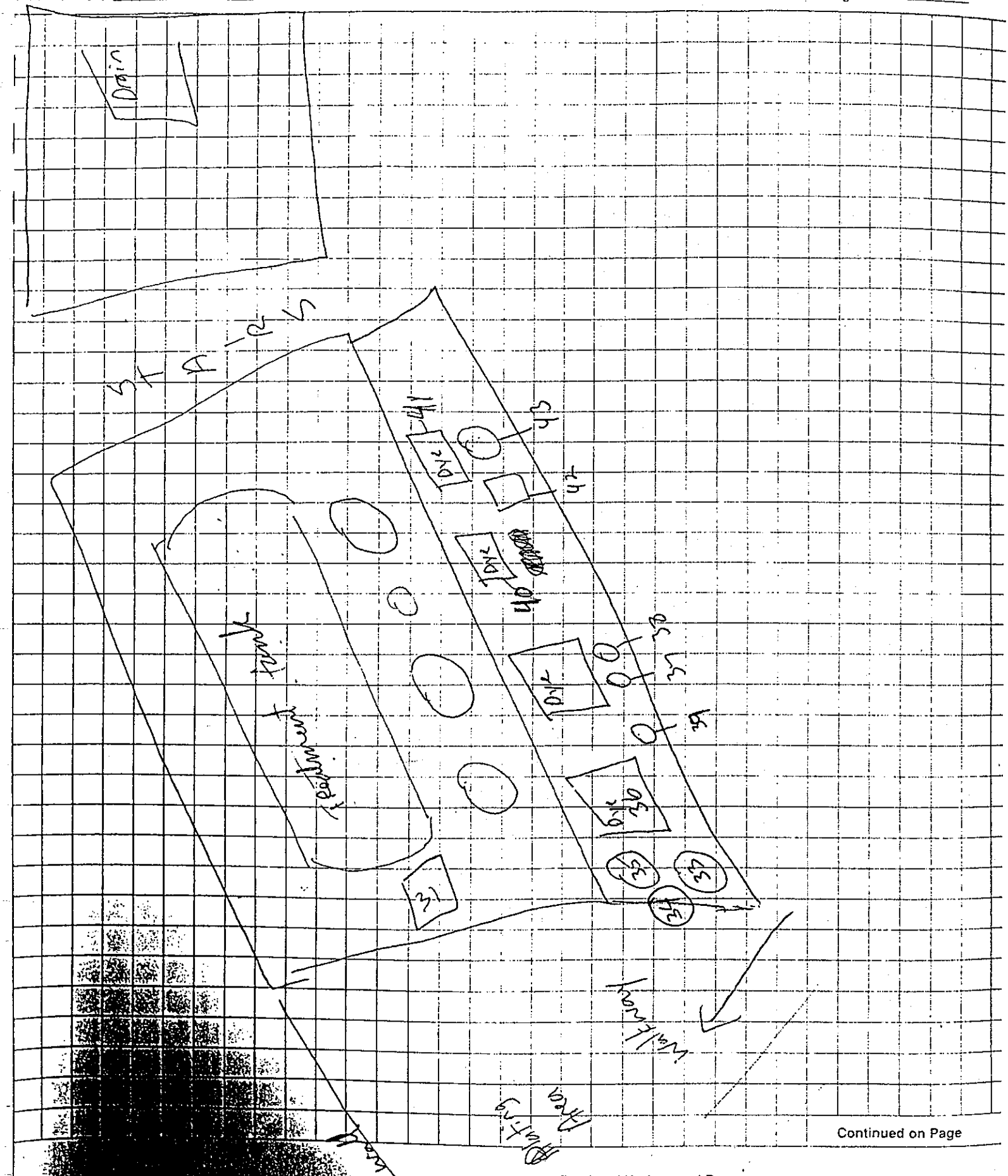

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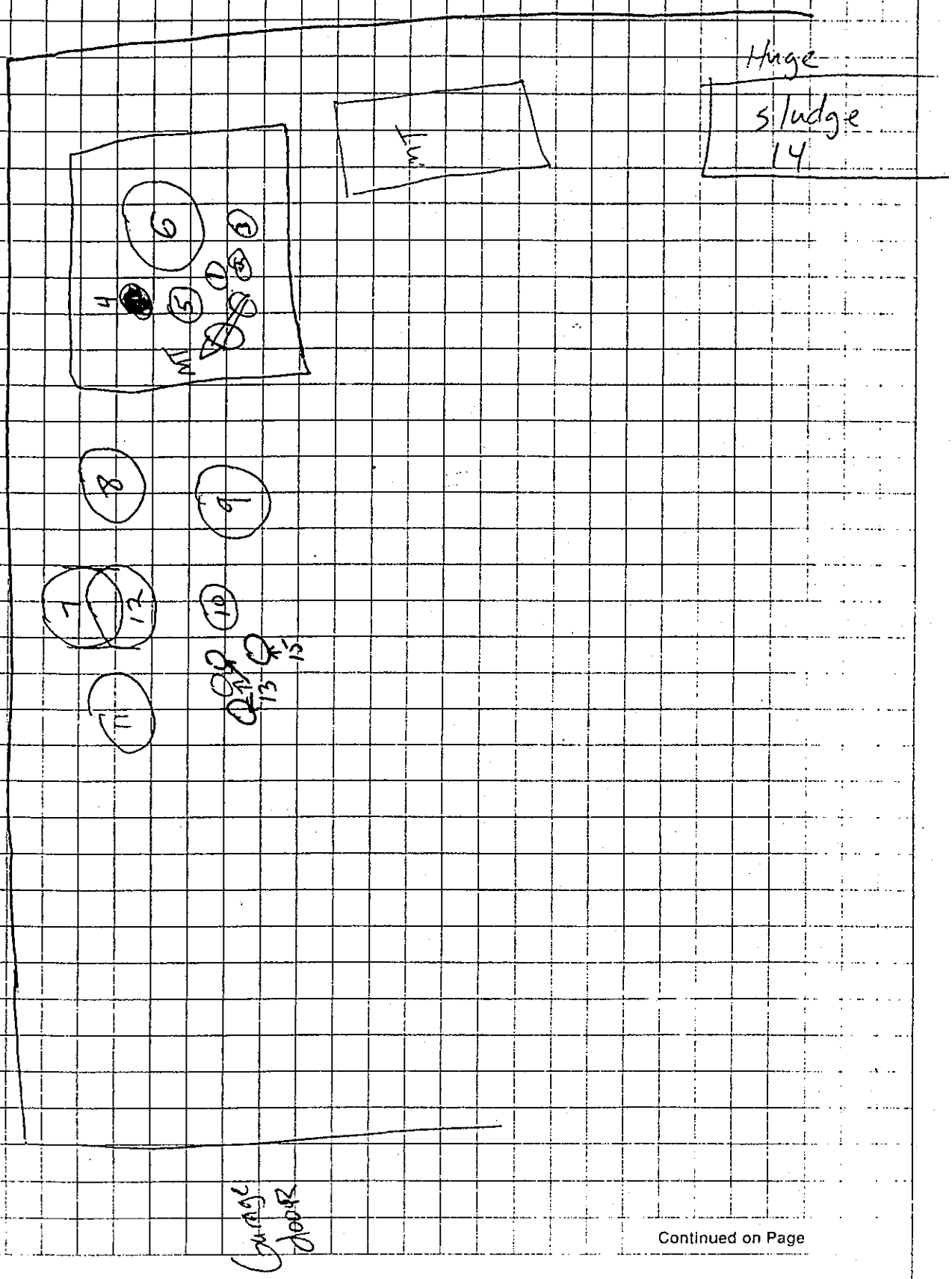

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Read and Understood By

Signed _____ Date _____ Signed _____ Date _____

Notebook No. _____

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Label	Appearance	Container		Comments
UNknown	Clear liquid	5 gal	full	
Unknown	"	"	full	
Unknown	"	"	full	
Muriatic Acid	Black container	30 gal	full	
Anostrip	White drum	40 gal	full	
unknown	Black "	55 gal	full	
Erace (poison)	Brown "	55 gal	"	eroding
Tech etch	Black "	"	1/2	
unknown	" "	55 gal	1/2	
corlum	~~Corlum~~ Brown "	30 gal	1/2	
Unknown	Black drum	55 gal	full	
"	"	"	full	
Unknown	Black oil like	2 gal	1/2	
none	10x4x4/dry sludge	10x4x4	1/4	
M&T	Blue 2 gal	2 gal	1/2	

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Read and Understood By

Signed _____ Date _____ Signed _____ Date _____

PROJECT

	Label	Appearance	Container		Comment
16.	Aluminux 1000	Brown drum	55 gal	full	
17.	Danger Acid	~~Squeeze/white~~ Dark color	Squeeze/white 80 gal	full	pH 0 -
18.	NONE	Black	150 gal	full	pH 7
19.	Alodine Rinse	Black	150 gal	1/2	pH 7
20.	none	fuming	8 gal	full	pH 0 -
21	none	black	5 gal		
22.	Waste	grey solids	30 gal	1/2	pH 14
23.	Rinse Water	Black	35 gal	full	pH 1
24.	none	Black	1000 gal	full	pH 0
25	Waste	waste	30 gal	full	pH 14
26	NONE	opaque	"	1/2	pH 12
27	~~grey sludge~~ NONE	grey	500 gal	1/16	
28	NONE	clear	500 gal	1/24	pH 7
29	NONE	Dry Sludge	500 gal	1/16	
30	HNO_3 (nitric)	corroded	3 gal	full	
31	none	clear	70 gal	1/2	pH 7
* 32	Sulfuric	Black contains	30 gal	full	
* 33	NONE	Blue drum	55 gal	1/8	pH 7
34	none	Brown can	30 gal	1/2	pH 7
35	none	~~Brown~~ green can	30 gal	full	pH 7
36	none	4x2x4	500 gal	1/2	pH 10
37	"	20 gal/drum	20 gal	1/4	
38	"	20 gal	20 gal	1/4	
39	NONE	White	2 gal	full	
40	NONE	dark liq	350 gal	1/2	pH 10
41	NONE	dark liq	350 gal	full	pH 10
42	NONE	"	30 gal	1/2	pH 10
43	NONE	"	30 gal	full	pH 10

Continued on Page

Read and Understood By

Signed _____ Date _____ Signed _____ Date _____

APPENDIX B

SCI LETTER DATED MARCH 10, 1996

R. William Rudolph, Jr., PE
Thomas E. Cundey, PE
Jeriann N. Alexander, PE

March 10, 1995
SCI 611.008

Mr. William E. Lewis
U. S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105-3901

Elmhurst Anodizing
910 81st Avenue, #18
Oakland, California

Dear Mr. Lewis:

As requested in the site meeting this afternoon, this letter confirms that Subsurface Consultants, Inc. (SCI) has been retained by LCB Associates to provide hazardous waste removal and disposal services for the referenced site. LCB Associates represents Ms. Merle Konigsberg, the property owner. SCI's services will be provided in association with Laidlaw Environmental Services, Inc.

Scope of Services

Hazardous waste removal and disposal services will be provided in the 3 phases as outlined below:

Phase 1 - Urgent Response

Phase 2 - Lab-packing and Chemical/Debris Disposal

Phase 3 - Building Decontamination and Confirmation Sampling

Phase 1 - Urgent Response

Urgent response has already been initiated by Laidlaw. This phase will consist of the following: 1) overpacking potentially leaking, improperly sealed and/or inappropriate containers containing hazardous materials/wastes and, 2) removal of bulk liquids including caustic and acidic liquids within the on-site tanks. This phase will be completed by Laidlaw personnel on Saturday, March 11, 1995. SCI will be on-site to document site activities.

Phase 2 - Lab-packing and Chemical/Debris Disposal

Following the completion of the urgent response services, Laidlaw will inventory and lab-pack the remaining hazardous chemicals. In addition, the contaminated tanks, residual dried sludges, wood platforms, concrete containment berms and other debris will be removed and stored in a hazardous waste debris box. The debris box and lab-packed materials will be profiled and disposed of as appropriate at a Laidlaw facility. This phase will be completed within about 2 weeks of completing Phase 1.

Phase 3 - Building Decontamination and Confirmation Sampling

Following chemical and debris removal, the building interior will be decontaminated by hydroblasting. Waste water will be collected, profiled and transported to a Laidlaw TSD facility. At least six confirmation wipe samples will be obtained by SCI from the floor and wall areas. The wipe samples will be analytically tested for CAM 17 metals and EPA 8240 compounds. In addition a shallow soil sample will be obtained by SCI just outside the rear door in the exterior yard area, where run-off is believed to have flowed from one of the acid tanks. The soil sample will be tested for pH, CAM 17 metals, and EPA 8240 compounds. This final phase including preparation of a report as described below will be completed within about 4 weeks following the completion of Phase 2.

Reporting

SCI will keep in close contact with the EPA, Alameda County Health Care Services Agency, and the City of Oakland Fire Department while conducting the clean up. SCI will prepare a site closure report documenting removal, disposal and confirmation sampling activities. The report will include a detailed description of site activities, manifests, and confirmation test results.

It is SCI's and LCB Associates goal to efficiently manage the cleanup in an expeditious and cost effective manner. SCI has a long standing business relationship with Mr. Banker of LCB Associates. Mr. Banker has assured us that he is committed to resolving the site cleanup issues promptly and thoroughly. It is our opinion that issuance of an EPA clean up order at this time is not warranted and would result in unnecessary expense.

We look forward to working with you and appreciate your assistance in this matter. Mr. Bill Rudolph can be reached at home at (510) 283-3226 on Friday night if you have any questions prior to the commencement of work on Saturday morning, March 11, 1995.

Yours very truly,

Subsurface Consultants, Inc.

R. William Rudolph
Geotechnical Engineer 741 (Expires 12/30/96)

Jeriann N. Alexander
Civil Engineer 40469 (Expires 3/31/99)

RWR:JNA:mem

cc: Mr. Steve Banker
LCB Associates

Mr. Don Hwang
Alameda County Health Care Services Agency

Mr. Leroy Griffin
City of Oakland Fire Department

Mr. Keith Kuerzel
Ecology and Environment, Inc.

Mr. Thomas Paulson
East Bay Municipal Utility District

APPENDIX C

PHASE 1 UNIFORM HAZARDOUS WASTE MANIFESTS

Phase I

03-13-1995 08:08AM 510 235 3709 P.04

TOTAL P.04

State of California -- Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 3-1-97)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000687768 Manifest Document No. 22517

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: LCB ASSOCIATES
ORDWAY BLDG ONE KAISER PLAZA Suite 30
OAKLAND, CA 94612-3603

4. Generator's Phone 510 763-7016

5. Transporter 1 Company Name: ERICKSON INC.

6. US EPA ID Number: CAD009146392

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
USPCI
1021 Berryessa Road
San Jose, CA 95133

10. US EPA ID Number: CAD059494310

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	
a. Non RCRA Hazardous Waste Liquid (sodium hydroxide and water)	001	TT	02000	G	CA123 NON RCRA
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above: 11 Apt 9-10

K. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

Site location: 910 eighty-first Ave, Ste A
Oakland, CA
Wear proper protective gear when handling material.
24 hour emergency phone 1-800-535-5053(515)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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.

GENERATOR — Printed/Typed Name: X Jerianne Alexander — Signature: Jerianne Alexander — Month 03 Day 11 Year 95

TRANSPORTER — 17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: X Marwood Richards — Signature: Marwood Richards — Month 03 Day 11 Year 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month — Day — Year

FACILITY — 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 — Signature — Month — Day — Year

DO NOT WRITE BELOW THIS LINE.

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

DTSC 8022A (7/92)
EPA 8700-22

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

USPCI
A Subsidiary of Union Pacific Corporation

☐ Standard Approval ☒ RUSH Approval (extra charge)

Waste Profile Sheet

F USPCI USE ONLY / E ibit A to	Contract date	Sample reference #	PO #	Sales Representative: JACK BETTENCOURT

IMPORTANT INFORMATION NEEDED BEFORE COMPLETING THIS FORM:

1. All boxes MUST be completed unless otherwise indicated.
2. Incomplete Profiles will result in unnecessary delays. Please supply all required information. If you have questions, please call your facility customer service representative or USPCI sales representative.
3. When a check-off box is used on this form, please check the box if the item describes the waste or is found in the waste. Leaving the box blank indicates that the item does not apply to the waste stream.

I. Generator Information

Generator Company Name: LCB ASSOCIATES

Generator Facility Address: 910 81ST ST, #18 OAKLAND, CA.

Generator Mailing Address: LCB ASSOCIATES 910 81ST ST #18 OAKLAND, CA.

Invoice Directions: SUBSURFACE CONSULTANTS 171-12TH ST. SUITE 201 OAKLAND, CA. 94607

US EPA ID: C A C 0 0 0 6 8 7 7 6 8

State Generator ID: HAHQ36053635

Facility Contact/Title (generator): JERRI ALEXANDER

Phone: (510) 268-0461 Fax: (510) 268-0137

Technical Contact/Title (generator): JERRI ALEXANDER

Phone: (510) 268-0461 Fax: (510) 268-0137

Broker, Contractor, Invoice Contact/Title: JERRI ALEXANDER

Phone: (510) 268-0461 Fax: (510) 268-0137

If specific treatment is desired, please specify:

Standard Industry Code (SIC):

II. Waste Generation Information

Waste name: ALKALINE LIQUID

Describe process producing waste (attach additional sheet if necessary): ALUMINUM ANODIZING

Estimated rate of waste generation: 2500

Units: ☐ Drums ☒ Gallons ☐ Pounds ☐ Tons ☐ Yards

Frequency: ☐ Monthly ☐ Quarterly ☐ Yearly ☒ One time only

Is the waste generated from a... ☐ RCRA corrective action ☐ CERCLA site ☐ foreign source ☒ none of the preceding

Is the waste generated by a chemical manufacturing plant, coke by-product recovery plant or a petroleum refinery? ☐ Yes ☒ No

Does this waste contain benzene subject to the control requirements of 40 CFR Part 61 Subpart FF (NESHAP)? ☐ Yes ☒ No

If "Yes" please specify the benzene concentration in section III.

III. Waste Constituents, Characteristics and Properties

Physical state: ☐ Solid ☒ Liquid ☐ Powder

Contains free liquids? ☒ yes ☐ no If yes, enter volume 80 %

Waste Composition	Range in %
SODIUM HYDROXIDE	0.1-10
WATER	80-95
ALUMINUM	1-5
Total must equal at least 100%	100

Waste contains: (check only if applicable)

☐ biodegradable sorbents ☐ non-biodegradable sorbents ☐ asbestos ☐ cyanides-level____ ☐ contaminated soil ☐ contaminated debris (per EPA) ☐ dioxins ☐ fuming acids ☐ oxidizers ☐ PCBs-level____ ☐ strong odor ☐ sulfides-level____

Waste properties: (check only if applicable)

☐ autopolymerizable ☐ explosive ☐ hydrophoric ☐ infectious ☐ pyrophoric ☐ radioactive ☐ reactive ☐ shock sensitive ☐ thermally sensitive

Physical properties

Bulk density: 9 LBS/GAL Color: VARIES

Specific gravity: 1-1.1 Flash Point: N/A

Normality: 0.1-2

pH range: ☐ ≤ 2 ☐ 2.1-5 ☐ 5.1-8 ☒ 8.1-12.4 ☐ ≥ 12.5 8-12.4 Range

Complete for Thermal Destruction (if applicable)

Heat Value (BTU/lb): N/A to ____

Water Content (%): 80 to 95

Ash (%): N/A to ____

☐ Vapor Pressure (mmHG) N/A @ STP

☐ Viscosity ____ @ ____ °F

☐ Total Bromine ____ to ____ %

☐ Total Chlorine N/A to ____ %

☐ Total Fluoride ____ to ____ %

☐ Total Iodine ____ to ____ %

☐ Total Sulfur ____ to ____ %

IV. Special Handling, Safety or Other Additional Information

Generated From Emergency Response

Waste Codes

Applicable EPA listed waste codes (F,K,U or P): N/A

State waste codes: 135

Code	Characteristic Waste (a blank box indicates N/A)		Actual Range
D001	Ignitable (f.p.<140° F)		N/A
	☐ Ignitable liquids ☐ High TOC (>10%) NWW		
	☐ Oxidizers		
	☐ Reactives		
	☐ Compressed Gases		
☐ D002	Corrosive (pH≤2 or ≥12.5)		
	☐ Acid liquids ☐ Alkaline liquids		
	☐ Other corrosive liquids		
☐ D003	Reactive		
	☐ Reactive sulfides ☐ Explosives		
	☐ Water reactives ☐ Reactive cyanides		
	☐ Other reactives		
☐ D004	Arsenic	≥5.0 mg/l	
☐ D005	Barium	≥100.0 mg/l	
D006	Cadmium	≥1.0 mg/l	
	☐ Cadmium batteries		
☐ D007	Chromium	≥5.0 mg/l	
☐ D008	Lead	≥5.0 mg/l	
	☐ Lead acid batteries		
☐ D009	Mercury	≥0.2 mg/l	
	☐ High mercury-organics (>260 mg/kg)		
	☐ High mercury-inorganics (>260 mg/kg)		
	☐ Incin. residues		
	☐ Low mercury (<260 mg/kg)		
☐ D010	Selenium	≥1.0 mg/l	
D011	Silver	≥5.0 mg/l	
☐ D012	Endrin	≥0.02 mg/l	
☐ D013	Lindane	≥0.4 mg/l	
D014	Methoxychlor	≥10.0 mg/l	

Code			Actual Range
☐ D015	Toxaphene	≥0.5 mg/l	N/A
☐ D016	2,4-D	≥10.0 mg/l	
☐ D017	2,4,5-TP Silvex	≥1.0 mg/l	
☐ D018	Benzene	≥0.5 mg/l	
☐ D019	Carbon tetrachloride	≥0.5 mg/l	
☐ D020	Chlordane	≥0.03 mg/l	
☐ D021	Chlorobenzene	≥100.0 mg/l	
☐ D022	Chloroform	≥6.0 mg/l	
☐ D023	0-Cresol	≥200.0 mg/l	
☐ D024	m-Cresol	≥200.0 mg/l	
☐ D025	p-Cresol	≥200.0 mg/l	
☐ D026	Cresol	≥200.0 mg/l	
☐ D027	1,4-Dichlorobenzene	≥7.5 mg/l	
☐ D028	1,2-Dichloroethane	≥0.5 mg/l	
☐ D029	1,1-Dichloroethylene	≥0.7 mg/l	
☐ D030	2,4-Dinitrotoluene	≥0.13 mg/l	
☐ D031	Heptachlor (and its epoxide)	≥0.008 mg/l	
☐ D032	Hexachlorobenzene	≥0.13 mg/l	
☐ D033	Hexachlorobutadiene	≥0.5 mg/l	
☐ D034	Hexachloroethane	≥3.0 mg/l	
☐ D035	Methyl ethyl ketone	≥200.0 mg/l	
☐ D036	Nitrobenzene	≥2.0 mg/l	
☐ D037	Pentachlorophenol	≥100.0 mg/l	
☐ D038	Pyridine	≥5.0 mg/l	
☐ D039	Tetrachloroethylene	≥0.7 mg/l	
☐ D040	Trichloroethylene	≥0.5 mg/l	
☐ D041	2,4,5-Trichlorophenol	≥400.0 mg/l	
☐ D042	2,4,6-Trichlorophenol	≥2.0 mg/l	
☐ D043	Vinyl chloride	≥0.2 mg/l	

Land Disposal Restriction Standards

Federal Land Disposal Restriction standards: (check one)

- ☐ does not meet any applicable standards
- ☐ treated to meet all applicable standards
- ☐ meets all applicable standards without treatment
- ☐ needs to be treated to meet certain treatment standards
- ☒ no federally-mandated treatment standards apply

- ☐ HOC > 1000 mg/l
- ☐ thallium > 130 mg/l
- ☐ nickel > 134 mg/l

State Land Disposal Restriction standards: (check if applicable)

- ☐ does not meet any applicable standards
- ☐ treated to meet all applicable standards
- ☐ meets all applicable standards without treatment
- ☐ needs to be treated to meet certain treatment standards
- ☒ no state-mandated treatment standards apply

D001-D002 Wastes Potentially Regulated Under 40 CFR § 268.37

ntains any constituents for which a treatment standard has been established in relation to F039 (multi-source leachate): ☐ yes ☒ no ☐ not sure

If yes, identify each constituent _____

This information is based on (attach additional sheets if necessary):

☐ analysis–describe _____

☒ knowledge-describe ALUMINUM ANODIZING

n-Regulated Waste:

Non-RCRA Regulated ☐ Conditionally Exempt Small Quantity Generator ☐ Household Hazardous ☐ 100–1000 kg/mo generator

LDR Treatability Group

☐ Wastewater ☒ Non Wastewater

VII. State of California Regulated Metals (use this section only if applicable–indicate actual range in PPM)

	Actual Range		Actual Range		Actual Range
Antimony (Sb)	N/A	☐ Copper (Cu)	N/A	☐ Thallium (Tl)	N/A
Beryllium (Be)		☐ Molybdenum (Mo)		☐ Vanadium (V)	
☐ Cobalt (Co)		☐ Nickel (Ni)		☐ Zinc (Zn)	

Shipping Information

Proper DOT Shipping Name: NON RCRA HAZARDOUS WASTE LIQUID

DOT Hazard Class	UN/NA number	Packing Group	Reportable Quantity
N/A	N/A	N/A	N/A

Container Type: ☐ Drum ☐ Bulk Solid ☒ Bulk Liquid ☐ Other:

Grassy Mountain Customers only: Is this waste a combustion residue? ☐ Yes ☒ No

IX. Certification Statement

I certify that the information presented on this form and all attached forms is accurate and that all known or suspected hazards have been disclosed. The Waste Stream has been correctly characterized according to 40 CFR 262.11 and all applicable state regulations. A Representative Sample or lab pack inventory (if required) of this Waste Stream has been provided to USPCI. I am authorized by the above listed company or agency to make this certification. This waste does not contain any biological pathogenic and/or etiological agents.

Jeriann Alexander — X Jeriann Alexander — X 3/11/95

Signature — Date

USPCI
A Subsidiary of Union Pacific Corporation

California Land Disposal Restriction Informatic
Notification/Certification Forr

his form is submitted in accordance with the requirements of CCR Title 22, Chapter 18, which restricts the land disposal of certain hazardous wastes. The appropriate California waste code(s) and applicable non-RCRA hazardous waste listing from CCR 66268.29 are listed below.

Generator Information

enerator Name	Manifest Number
LCB ASSOCIATES	92722517
USPCI Profile Number	California Hazardous Waste Codes 123

II. Waste Description and Handling Information

heck the appropriate boxes. (More than one box may apply.) Also select an item from Part III, 1-3, to indicate how the waste is to be managec / selecting an item from Part III, 1-3, you are, under Item A of this section, making the certification/notification noted in Part III.

Check ppropriate boxes	(A) Check 1,2, or 3 from handling information (Part III)	(B) Prohibition Effective Date	(C) Restricted Waste list in 22 CCR 66268.29	(D) Corresponding Treatment Standard (From 22 CCR)
1. ☐	☐1 ☐2 ☐3	1/26/90	1. Metal–containing aqueous waste 66268.29(a)	66268.107(a)
2. ☐	☐1 ☐2 ☐3	1/27/90	2. PCB waste 66268.29 (b)	66268.110
3. ☐	☐1 ☐2 ☐3	5/8/91	3. Auto shredder waste 66268.29 (c)	66268.106(a)(1)
4. ☐	☐1 ☐2 ☐3	5/8/91	4. Nonwastewater solvent waste 66268.29(d)	66268.107(b)
5. ☐	☐1 ☐2 ☐3	1/1/91	5. Hazardous waste foundry sand 66268(e)	66268.106(a)(2)
6. ☐	☐1 ☐2 ☐3	1/1/96	6. Metal–containing solid waste 66268.29(g)	66268.106(a)(3)
7. ☐	☐1 ☐2 ☐3	1/1/91	7. Fly ash, bottom ash, retort ash or baghouse waste 66268.29(h)	66268.107(a)(4)
8. ☐	☐1 ☐2 ☐3	1/1/91	8. Baghouse waste 66268.29(i)	66268.106(a)(5)
9. ☐	☐1 ☐2 ☐3	1/1/96	9. Aqueous and liquid organic waste 66268.29(j)	66268.112
0. ☐	☐1 ☐2 ☐3	1/1/96	10. Solid waste containing organics 66268.29(k)	66268.113
11. ☐	☐1 ☐2 ☐3	3/1/93	11. Asbestos containing waste identified in section 66268.29(m)	66268.114
12. ☐		See Federal Form	12. RCRA regulated waste	See Federal Form

The appropriate choices from below (1 through 3) have been marked in Part II to indicate how my waste is to be managed to conform with the land disposal restrictions. Copies of applicable treatment standards and waste analysis data (where available) are maintained at the facility identified on the manifest referenced above.

II. Handling Information

1 Restricted Waste Requires Treatment

I am the generator of the waste identified above, which must be treated to meet the applicable treatment standards set forth in the CCR Title 22, article 4 or article 11 of Chapter 18.

2 Restricted Waste can be land disposed without further treatment

"I certify under penalty of law that I personally have examined the waste through analysis and testing or through knowledge of the waste to support this certification, that the waste complies with the treatment standards specified in CCR Title 22, division 4.5, Chapter 18, Articles 4 and 11 and all applicable prohibitions set forth in CCR Title 22, 66268.32 or RCRA 3004 (d) (42 USC 6924 (d)." I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

3 Restricted Waste Subject to a Variance

The waste identified above is subject to a variance which expires on **January 1, 1996**. (See Part II of 22 CCR)

V. enerator Authorization/Certification

I hereby certify that all information submitted in this and all associated documents is true, complete, and accurate to the best of my knowledge a l information, and that no omissions or errors exist.

Authorized Signature	Printed Name	Title	Date
X Miriam Alexander	X Miriam Alexander	X Proj. Mgr. for LCB Associates	X 3/1/95

310 7821

USPCI
A Subsidiary of Union Pacific Corporation

Form LDR N-

Notification of Waste Subject to Land Disposal Restrictions

Manifest number associated with waste shipment: 92722517

Generator Name: LCB ASSOCIATES

☐ Supplemental Form LDR N-1a attached for listing additional codes

Pursuant to 40 CFR 268.7 (a), I hereby notify that this waste shipment contains one or more of the following waste(s) restricted under the lan
disposal restrictions for which applicable treatment standards are set forth in 40 CFR § 268.40 or 42 USC § 6924(d).

EPA Hazardous Waste Numbers: NON RCRA HAZ WASTE LIQUID

1. F-Listed Solvents (check all that apply)
   - ☐ F001, F002, F003, F004, or F005 (Underlying constituents must be identified. Use Form LDR N-1b.)
   - ☐ F005 Containing 2-Nitropropane or 2-Ethoxyethanol
   - ☐ F001-F005 Containing carbon disulfide, cyclohexanone, methanol, or a combination of these constituents as the sole F001–5 regulated constituen

Other Wastes: NON RCRA

2.

	List all D,F,K,U, or P Subcategory (if any) (eg. F006, D003)	Subcategory (if any)	✓ wastewater or non-wastewater WW	NWW	USPCI acceptance #	California List (✓ if applicable)	Reason California List applies (list of constituent properties below)
A	N/A		☐	☐		☐	
B			☐	☐		☐	
C			☐	☐		☐	
D			☐	☐		☐	
E			☐	☐		☐	
F			☐	☐		☐	
G			☐	☐		☐	
H			☐	☐		☐	
I			☐	☐		☐	

Concentration			Treatment Standard
pH ≤ 2.0			Neutralize/Stabilize
Cyanides	≥	1,000	Cyanides Destruction/Stabilize
Arsenic	≥	500	Metals Recovery/Solidification
Cadmium	≥	100	Metals Recovery/Solidification
Chromium (VI)	≥	500	Metals Recovery/Solidification
Lead	≥	500	Metals Recovery/Solidification
Mercury	≥	20	Metals Recovery/Solidification

Concentration			Treatment Standard
Nickel	≥	134	Metals Recovery/Solidification
Selenium	≥	100	Metals Recovery/Solidification
Thallium	≥	130	Metals Recovery/Solidification
PCBs	≥	50	Incineration/High Efficiency Boiler
Solid, sludge, or liquid w/HOCs	≥	1,000	Incineration/Carbon Adsorption/Solvent Extraction

NOTE: "Wastewater" means a waste containing less than 1% filterable solids and less than 1% T.O.C.

3. Hazardous Debris Notification
   ☐ This hazardous debris is subject to the alternative treatment standards of 40 CFR § 268.45.

Contaminants Subject to Treatment (please list waste codes applicable to the debris)											

FACILITY: Note that "Contaminants Subject to Treatment" are those constituents applicable to a waste code listed above for which a BDAT treatmen
standard is established in 40 CFR § 268.40, including underlying constituents where applicable.

4. Underlying Constituents to be Monitored
   - ☐ F039 (Constituents to be monitored must be indicated. Use Form LDR N-1b.)
   - ☐ F001-F005, D001 (other than residues from RORGS, or CMBST), D002, D012–D043 (Underlying constituents must be indicated. Use form LDR N-1b.)

Defined: An underlying Constituent includes any constituent listed in § 268.48, Table UTS-Universal Treatment Standards, except zinc, which can reasonably be expected to be present at the point of generation of the hazardous waste at a concentration above the constituent specific UTS treatment standard.

5. Deadline Extensions and Variances
   Certain wastes may be subject to a deadline extension or variance (e.g., treatability variance, case-by-case extension). Describe below any extension tha
   applies to a waste in this waste shipment (include dates and waste codes).

A.

NOTE: Hazardous wastes that exhibit the characteristic of toxicity based on the TCLP but do not exhibit EP toxicity are newly listed wastes

Miriam Alexander x Miriam Alexander x 3/11/95

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAC000168776	82125 15		

3. Generator's Name and Mailing Address
LCB ASSOCIATES
ORDWAY BLDG ONE KAISER PLAZA Suite 301
OAKLAND, CA 94612-3603

4. Generator's Phone (510) 763-7016

A. State Manifest Document Number: 92722515

B. State Generator's ID: HAHQ360536351

5. Transporter 1 Company Name: USPCI

6. US EPA ID Number: TXD988052494

C. State Transporter's ID: 42931 9

D. Transporter's Phone: ~~(408) 451-5000~~ (713) 350-7228

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID:

F. Transporter's Phone:

9. Designated Facility Name and Site Address
USPCI
1021 Berryessa Road
San Jose, CA 95133

10. US EPA ID Number: CAD059494310

G. State Facility's ID:

H. Facility's Phone: (408) 451-5000

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Numbers
a. RQ, Sulfuric Acid Mixture, Spent 8, UN 1832, PG II	001	TT	00750	G	State: 791 EPA/Other: D002
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information
Pickup Location: 910 Eighty first Ave
Wear proper protective gear when handling material. Oakland, CA

A. ERG # 39

24 hour emergency phone 1-800-535-5053(515)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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	Signature	Month	Day	Year
FERNANDO VELEZ		03	11	95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Frank Iniqo		03	11	95

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	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

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

SC 8022A (7/92)
A 8700—22

JSPCI
A Subsidiary of Union Pacific Corporation

☐ Standard Approval ☒ RUSH Approval (extra charge)

Waste Profile Sheet

FOR USPCI USE ONLY Exhibit A to	Contract date	Sample reference #	PO #	Sales Representative
				JACK BETTENCOURT

IMPORTANT INFORMATION NEEDED BEFORE COMPLETING THIS FORM:

1. All boxes MUST be completed unless otherwise indicated.
2. Incomplete Profiles will result in unnecessary delays. Please supply all required information. If you have questions, please call your facility customer service representative or USPCI sales representative.
3. When a check-off box is used on this form, please check the box if the item describes the waste or is found in the waste. Leaving the box blank indicates that the item does not apply to the waste stream.

Generator Information

Generator Company Name: LCB ASSOCIATES

Generator Facility Address: 910 81ST ST #18, OAKLAND, CA.

Generator Mailing Address: LCB ASSOCIATES, 910 81ST ST #18, OAKLAND, CA.

Invoice Directions: SUBSURFACE CONSULTANTS INC. 171 - 12TH ST. SUITE 201 OAKLAND, CA. 94607

US EPA ID: CA C 0 1 0 1 6 8 7 7 6 8

State Generator ID: HAHQ36053635

Facility Contact/Title (generator): JERRI ALEXANDER

Phone: (510)268-0461 Fax: (510)268 0137

Technical Contact/Title (generator): JERRI ALEXANDER

Phone: (510)268 0461 Fax: (510)268 0137

Broker, Contractor, Invoice Contact/Title: JERRI ALEXANDER

Phone: (510)268 0461 Fax: (510)268-0137

If specific treatment is desired, please specify:

Standard Industry Code (SIC): 3471

II. Waste Generation Information

Waste name: "RQ" SULFURIC ACID MIXTURE, Spent

Describe process producing waste (attach additional sheet if necessary): ALUMINUM ANODIZING

Estimated rate of waste generation: 1500 GALLONS

Units: ☐ Drums ☒ Gallons ☐ Pounds ☐ Tons ☐ Yards

Frequency: ☐ Monthly ☐ Quarterly ☐ Yearly ☒ One time only

Is the waste generated from a... ☐ RCRA corrective action ☐ CERCLA site ☐ foreign source ☒ none of the preceding

Is the waste generated by a chemical manufacturing plant, coke by-product recovery plant or a petroleum refinery? ☐ Yes ☒ No

Does this waste contain benzene subject to the control requirements of 40 CFR Part 61 Subpart FF (NESHAP)? ☐ Yes ☒ No
If "Yes" please specify the benzene concentration in section III.

III. Waste Constituents, Characteristics and Properties

Physical state: ☐ Solid ☒ Liquid ☐ Powder

Contains free liquids? ☒ yes ☐ no If yes, enter volume 99-100%

Waste Composition	Range in %
SULFURIC ACID	15.45
WATER	50-85
ALUMINUM	1-5
Total must equal at least 100%	100

Waste contains: (check only if applicable)
☐ biodegradable sorbents ☐ cyanides-level____ ☐ fuming acids
☐ non-biodegradable sorbents ☐ contaminated soil ☐ oxidizers
☐ asbestos ☐ contaminated debris (per EPA) ☐ PCBs-level____
☐ dioxins ☐ strong odor ☐ sulfides-level____

Waste properties: (check only if applicable)
☐ autopolymerizable ☐ infectious ☐ reactive
☐ explosive ☐ pyrophoric ☐ shock sensitive
☐ hydrophoric ☐ radioactive ☐ thermally sensitive

Physical properties
Bulk density 10 LBS/GAL Color Varies
Specific gravity 1-1.3 Flash Point N/A
Normality 5-10

pH range: ☒ ≤ 2 ☐ 2.1-5 ☐ 5.1-8 ☐ 8.1-12.4 ☐ ≥ 12.5 0-1 Range

Complete for Thermal Destruction (if applicable)
☐ Heat Value (BTU/lb) N/A to ____
☐ Water Content (%) 50 to 80
☐ Ash (%) N/A to ____
☐ Vapor Pressure (mmHG) N/A @ STP
☐ Viscosity N/A @ N/A °F
☐ Total Bromine √ to √ %
☐ Total Chlorine N/A to ____ %
☐ Total Fluoride ____ to ____ %
☐ Total Iodine ____ to ____ %
☐ Total Sulfur √ to ____ %

IV. Special Handling, Safety or Other Additional Information

Generated on Emergency Response

Codes

Applicable EPA listed waste codes (F,K,U or P): D002

State waste codes: 792

D-Code Characteristic Waste (a blank box indicates N/A)		Actual Range
☐ D001 Ignitable (f.p.<140° F)		N/A
☐ Ignitable liquids ☐ High TOC (>10%) NWW		
☐ Oxidizers		
☐ Reactives		
☐ Compressed Gases		
☒ D002 Corrosive (pH≤2 or ≥12.5)		0-1
☒ Acid liquids ☐ Alkaline liquids		N/A
☐ Other corrosive liquids		
☐ D003 Reactive		
☐ Reactive sulfides ☐ Explosives		
☐ Water reactives ☐ Reactive cyanides		
☐ Other reactives		
☐ D004 Arsenic	≥5.0 mg/l	
☐ D005 Barium	≥100.0 mg/l	
☐ D006 Cadmium	≥1.0 mg/l	
☐ Cadmium batteries		
☐ D007 Chromium	≥5.0 mg/l	
☐ D008 Lead	≥5.0 mg/l	
☐ Lead acid batteries		
☐ D009 Mercury	≥0.2 mg/l	
☐ High mercury-organics (>260 mg/kg)		
☐ High mercury-inorganics (>260 mg/kg)		
☐ Incin. residues		
☐ Low mercury (<260 mg/kg)		
☐ D010 Selenium	≥1.0 mg/l	
☐ D011 Silver	≥5.0 mg/l	
☐ D012 Endrin	≥0.02 mg/l	
☐ D013 Lindane	≥0.4 mg/l	
☐ D014 Methoxychlor	≥10.0 mg/l	

			Actual Range
☐ D015	Toxaphene	≥0.5 mg/l	N/A
☐ D016	2,4-D	≥10.0 mg/l	
☐ D017	2,4,5-TP Silvex	≥1.0 mg/l	
☐ D018	Benzene	≥0.5 mg/l	
☐ D019	Carbon tetrachloride	≥0.5 mg/l	
☐ D020	Chlordane	≥0.03 mg/l	
☐ D021	Chlorobenzene	≥100.0 mg/l	
☐ D022	Chloroform	≥6.0 mg/l	
☐ D023	0-Cresol	≥200.0 mg/l	
☐ D024	m-Cresol	≥200.0 mg/l	
☐ D025	p-Cresol	≥200.0 mg/l	
☐ D026	Cresol	≥200.0 mg/l	
☐ D027	1,4-Dichlorobenzene	≥7.5 mg/l	
☐ D028	1,2-Dichloroethane	≥0.5 mg/l	
☐ D029	1,1-Dichloroethylene	≥0.7 mg/l	
☐ D030	2,4-Dinitrotoluene	≥0.13 mg/l	
☐ D031	Heptachlor (and its epoxide)	≥0.008 mg/l	
☐ D032	Hexachlorobenzene	≥0.13 mg/l	
☐ D033	Hexachlorobutadiene	≥0.5 mg/l	
☐ D034	Hexachloroethane	≥3.0 mg/l	
☐ D035	Methyl ethyl ketone	≥200.0 mg/l	
☐ D036	Nitrobenzene	≥2.0 mg/l	
☐ D037	Pentachlorophenol	≥100.0 mg/l	
☐ D038	Pyridine	≥5.0 mg/l	
☐ D039	Tetrachloroethylene	≥0.7 mg/l	
☐ D040	Trichloroethylene	≥0.5 mg/l	
☐ D041	2,4,5-Trichlorophenol	≥400.0 mg/l	
☐ D042	2,4,6-Trichlorophenol	≥2.0 mg/l	
☐ D043	Vinyl chloride	≥0.2 mg/l	

. Land Disposal Restriction Standards

Federal Land Disposal Restriction standards: (check one)

- ☒ does not meet any applicable standards
- ☐ treated to meet all applicable standards
- ☐ meets all applicable standards without treatment
- ☐ needs to be treated to meet certain treatment standards
- ☐ no federally-mandated treatment standards apply

- ☐ HOC > 1000 mg/l
- ☐ thallium > 130 mg/l
- ☐ nickel > 134 mg/l

State Land Disposal Restriction standards: (check if applicable)

- ☒ does not meet any applicable standards
- ☐ treated to meet all applicable standards
- ☐ meets all applicable standards without treatment
- ☐ needs to be treated to meet certain treatment standards
- ☐ no state-mandated treatment standards apply

D001-D002 Wastes Potentially Regulated Under 40 CFR § 268.37

ontains any constituents for which a treatment standard has been established in relation to F039 (multi-source leachate): ☐ yes ☒ no ☐ not sure

If yes, identify each constituent _____

This information is based on (attach additional sheets if necessary):

☐ analysis–describe _____

☒ knowledge-describe PROCESS ALUMINUM ANODIZING

Non-Regulated Waste:
Non-RCRA Regulated ☐ Conditionally Exempt Small Quantity Generator ☐ Household Hazardous ☐ 100–1000 kg/mo generator

LDR Treatability Group
☐ Wastewater ☒ Non Wastewater

. State of California Regulated Metals (use this section only if applicable–indicate actual range in PPM)

	Actual Range		Actual Range		Actual Range
Antimony (Sb)	N/A	☐ Copper (Cu)	N/A	☐ Thallium (Tl)	N/A
Beryllium (Be)		☐ Molybdenum (Mo)		☐ Vanadium (V)	
Cobalt (Co)		☐ Nickel (Ni)		☐ Zinc (Zn)	

VII. Shipping Information

Proper DOT Shipping Name: WASTE SULFURIC ACID SPENT, CORROSIVE (D002)

DOT Hazard Class	UN/NA number	Packing Group	Reportable Quantity
8	UN 1832	II	1000 lbs

Container Type: Drum ☐ Bulk Solid ☒ Bulk Liquid ☐ Other:

Grassy Mountain Customers only
Is this waste a combustion residue? ☐ Yes ☒ No

IX. Certification Statement

I certify that the information presented on this form and all attached forms is accurate and that all known or suspected hazards have been disclosed. The Waste Stream has been correctly characterized according to 40 CFR 262.11 and all applicable state regulations. A representative Sample or lab pack inventory (if required) of this Waste Stream has been provided to USPCI. I am authorized by the above listed company or agency to make this certification. This waste does not contain any biological pathogenic and/or etiological agents.

Signature	Printed name	Date
X	X FERNANDO VELEZ	X 3/11/95

USPCI
A Subsidiary of Union Pacific Corporation

AMENDMENT TO WASTE PROFILE SHEET

DATE: 3.13.95

ATTENTION: Terri Alexander

GENERATOR: LCB Associates PROFILE#: 2095-0416

FAX NUMBER: 510-262-0137

Upon technical review of the profile for waste name: Sulfuric Acid Mxd, we recommend making on USPCI hazardous waste profile #: _____, changes as listed below. By signing this form the signer acknowledges that these changes are to be made to the profile sheet.

Change: Sulfuric Acid 15-45%
Water 50-85%
Free liquids 99-100%
Color: Varies
Federal Code 792
add "RQ" To proper shipping Name.

Please sign to acknowledge these changes and return as soon as possible. If yo have any questions, please call (408) 451-5000. Thank you for your cooperation

Sincerely,

USPCI Treatment and Recovery Services
Technical Services Department

X _____
(acknowledgement signature)

X _____
(title)

X _____
(date)

Return Fax #:
(408) 453-6041
or (408) 453-8167

USPCI
A Subsidiary of Union Pacific Corporation

Form LDR N-

Notification of Waste Subject to Land Disposal Restrictions

Manifest number associated with waste shipment	Generator Name	☐ Supplemental Form LDR N-1a attached for listing additional codes
927722517	[redacted] LCB ASSOCIATES	

Pursuant to 40 CFR 268.7 (a), I hereby notify that this waste shipment contains one or more of the following waste(s) restricted under the land disposal restrictions for which applicable treatment standards are set forth in 40 CFR § 268.40 or 42 USC § 6924(d).

1. PA Hazardous Waste Numbers (D002)

F-Listed Solvents (check all that apply)

☐ F001, F002, F003, F004, or F005 (Underlying constituents must be identified. Use Form LDR N-1b.)

☐ F005 Containing 2-Nitropropane or 2-Ethoxyethanol

☐ F001-F005 Containing carbon disulfide, cyclohexanone, methanol, or a combination of these constituents as the sole F001–5 regulated constituent

Other Wastes

2. List all D,F,K,U, or P Subcategory (if any) (eg. F006, D003)	Subcategory (if any)	✓ wastewater or non-wastewater WW	NWW	USPCI acceptance #	California List (✓ if applicable)	Reason California List applies (list of constituent properties below)
D002	Acid	☐	☒		☐	
		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	

Concentration			Treatment Standard
pH ≤ 2.0			Neutralize/Stabilize
Cyanides	≥	1,000	Cyanides Destruction/Stabilize
Arsenic	≥	500	Metals Recovery/Solidification
Cadmium	≥	100	Metals Recovery/Solidification
Chromium (VI)	≥	500	Metals Recovery/Solidification
Lead	≥	500	Metals Recovery/Solidification
Mercury	≥	20	Metals Recovery/Solidification

Concentration			Treatment Standard
Nickel	≥	134	Metals Recovery/Solidification
Selenium	≥	100	Metals Recovery/Solidification
Thallium	≥	130	Metals Recovery/Solidification
PCBs	≥	50	Incineration/High Efficiency Boiler
Solid, sludge, or liquid w/HOCs	≥	1,000	Incineration/Carbon Adsorption/Solvent Extraction

NOTE: "Wastewater" means a waste containing less than 1% filterable solids and less than 1% T.O.C.

3. Hazardous Debris Notification

☐ This hazardous debris is subject to the alternative treatment standards of 40 CFR § 268.45.

Contaminants Subject to Treatment (please list waste codes applicable to the debris)													

FACILITY: Note that "Contaminants Subject to Treatment" are those constituents applicable to a waste code listed above for which a BDAT treatment standard is established in 40 CFR § 268.40, including underlying constituents where applicable.

4. Underlying Constituents to be Monitored

☐ F039 (Constituents to be monitored must be indicated. Use Form LDR N-1b.)

☐ F001-F005, D001 (other than residues from RORGS, or CMBST), D002, D012–D043 (Underlying constituents must be indicated. Use form LDR N-1b.)

Defined: An underlying Constituent includes any constituent listed in § 268.48, Table UTS-Universal Treatment Standards, except zinc, which can reasonably be expected to be present at the point of generation of the hazardous waste at a concentration above the constituent specific UTS treatment standard.

5. Deadline Extensions and Variances

Certain wastes may be subject to a deadline extension or variance (e.g., treatability variance, case-by-case extension). Describe below any extension that applies to a waste in this waste shipment (include dates and waste codes).

NOTE: Hazardous wastes that exhibit the characteristic of toxicity based on the TCLP but do not exhibit EP toxicity are newly listed wastes.

[signature] FERNANDO VELEZ 3/11/95

Supplement to Notification of Waste Subject to Land Disposal Restrictions

counting supplemenental pages only... **SUPPLEMENTAL PAGE # 2 OF 2**

...est number associated with waste shipment	Generator Name
927225I7	LCB ASSOCIATES

This form supplements Form USPCI LDR N-1 to list additional USEPA waste codes that identify a waste shipment.

THIS FORM CANNOT BE USED ALONE AND MUST BE ATTACHED TO A USPCI LDR N-1 FORM.

Pursuant to 40 CFR 268.7 (a), I hereby notify that this waste shipment contains a waste(s) that is (are) restricted under the land disposal restrictions contained in either 40 CFR 268.40 or 42 USC § 6924(d). This shipment contains all listed codes starting on the attached USPCI LDR N-1 form and any codes listed on a...itional USPCI LDR N-1a Forms associated with this shipment and are subject to the specified treatment requirements..

List all D,F,K,U, or P Subcategory (if any) (eg. F006, D003)	Subcategory (if any)	✓ wastewater or non-wastewater WW	NWW	USPCI acceptance #	California List (✓ if applicable)	Reason California List applies (list of constituent properties below)
N/A		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	
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		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	
		☐	☐		☐	

...azardous Debris Notification

☐ This hazardous debris is subject to the alternative treatment standards of 40 CFR 268.45.

Contaminants Subject to Treatment (please list waste codes applicable to the debris)

...ACILITY: Note that "Contaminants Subject to Treatment" are those constituents applicable to a waste code listed above for which a BDAT treatment standard has been promulgated in 40 CFR 268.41 or 268.43.

x [illegible] x FERNANDO VELEZ x 3/11/95

APPENDIX E

ANALYTICAL LABORATORY TEST REPORTS

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

Subsurface Consultants
171 12th Street
Suite 201
Oakland, CA 94608

Date: 04-APR-96
Lab Job Number: 124976
Project ID: 611.008
Location: 81st AVE.

Reviewed by: Damara Moore

Reviewed by: Tracy Bair

Curtis & Tompkins, Ltd.

Client: **Subsurface Consultants**

Laboratory Login Number: 124976

Project Name: 81st AVE.
Project Number: 611.008

Report Date: 04 April 96

ANALYSIS: pH

Lab ID	Sample ID	Matrix	Sampled	Received	Analyzed	Result	Units	Method	Analyst	QC Batch
124976-002	W-1	Miscell.	27-MAR-96	28-MAR-96	02-APR-96	8.2	SU *	EPA 9045	DLP	26782
124976-003	W-2	Miscell.	27-MAR-96	28-MAR-96	02-APR-96	9.4	SU *	EPA 9045	DLP	26782
124976-004	W-3	Miscell.	27-MAR-96	28-MAR-96	02-APR-96	8.6	SU *	EPA 9045	DLP	26782
124976-005	W-4	Miscell.	27-MAR-96	28-MAR-96	02-APR-96	8.0	SU *	EPA 9045	DLP	26782
124976-006	W-5	Miscell.	27-MAR-96	28-MAR-96	02-APR-96	6.8	SU *	EPA 9045	DLP	26782
124976-007	W-6	Miscell.	27-MAR-96	28-MAR-96	02-APR-96	7.7	SU *	EPA 9045	DLP	26782

* Soil pH measured as water

Curtis & Tompkins, Ltd.

Q C B a t c h R e p o r t

Client: Subsurface Consultants
Project Name: 81st AVE.
Project Number: 611.008

Laboratory Login Number: 124976
Report Date: 04 April 96

ANALYSIS: pH

QC Batch Number: 26782

Calibration Verification Results

Sample	Result	TV	Difference	Limit	Analyzed
ICV	7.01	7.00	.01	< 0.10	02-APR-96
CCV	7.02	7.00	.02	< 0.10	02-APR-96

Sample Duplicate Results

Sample	Duplicate	RPD	Analyzed
5.37	5.35	.4%	02-APR-96

Curtis & Tompkins, Ltd.

SAMPLE ID: W-1
LAB ID: 124976-002
CLIENT: Subsurface Consultants
PROJECT ID: 611.008
LOCATION: 81st AVE.
MATRIX: Miscell.

DATE SAMPLED: 03/27/96
DATE RECEIVED: 03/28/96
DATE REPORTED: 04/04/96

California TITLE 26 Metals

Compound	Result (ug/Sample)	Reporting Limit (ug/Sample)	IDF	QC Batch	Method	Analysis Date
Antimony	ND	6.0	1	26726	EPA 6010A	04/03/96
Arsenic	ND	0.50	1	26726	EPA 6010A	04/03/96
Barium	9.4	1.0	1	26726	EPA 6010A	04/03/96
Beryllium	0.22	0.20	1	26726	EPA 6010A	04/03/96
Cadmium	0.54	0.20	1	26726	EPA 6010A	04/03/96
Chromium (total)	9.7	1.0	1	26726	EPA 6010A	04/03/96
Cobalt	ND	2.0	1	26726	EPA 6010A	04/03/96
Copper	5.3	1.0	1	26726	EPA 6010A	04/03/96
Lead	6.7	0.30	1	26726	EPA 6010A	04/03/96
Mercury	1.3	0.040	2	26768	EPA 7471	04/02/96
Molybdenum	ND	2.0	1	26726	EPA 6010A	04/03/96
Nickel	3.6	2.0	1	26726	EPA 6010A	04/03/96
Selenium	0.87	0.50	1	26726	EPA 6010A	04/03/96
Silver	ND	1.0	1	26726	EPA 6010A	04/03/96
Thallium	ND	0.50	1	26726	EPA 6010A	04/03/96
Vanadium	3.0	1.0	1	26726	EPA 6010A	04/03/96
Zinc	21	2.0	1	26726	EPA 6010A	04/03/96

ND = Not detected at or above reporting limit

Curtis & Tompkins, Ltd.

SAMPLE ID: W-2
LAB ID: 124976-003
CLIENT: Subsurface Consultants
PROJECT ID: 611.008
LOCATION: 81st AVE.
MATRIX: Miscell.

DATE SAMPLED: 03/27/96
DATE RECEIVED: 03/28/96
DATE REPORTED: 04/04/96

California TITLE 26 Metals

Compound	Result (ug/Sample)	Reporting Limit (ug/Sample)	IDF	QC Batch	Method	Analysis Date
Antimony	ND	6.0	1	26726	EPA 6010A	04/03/96
Arsenic	1.9	0.50	1	26726	EPA 6010A	04/03/96
Barium	34	1.0	1	26726	EPA 6010A	04/03/96
Beryllium	0.23	0.20	1	26726	EPA 6010A	04/03/96
Cadmium	2.1	0.20	1	26726	EPA 6010A	04/03/96
Chromium (total)	80	1.0	1	26726	EPA 6010A	04/03/96
Cobalt	ND	2.0	1	26726	EPA 6010A	04/03/96
Copper	16	1.0	1	26726	EPA 6010A	04/03/96
Lead	39	0.30	1	26726	EPA 6010A	04/03/96
Mercury	0.73	0.020	1	26768	EPA 7471	04/02/96
Molybdenum	ND	2.0	1	26726	EPA 6010A	04/03/96
Nickel	53	2.0	1	26726	EPA 6010A	04/03/96
Selenium	0.92	0.50	1	26726	EPA 6010A	04/03/96
Silver	ND	1.0	1	26726	EPA 6010A	04/03/96
Thallium	ND	0.50	1	26726	EPA 6010A	04/03/96
Vanadium	1.8	1.0	1	26726	EPA 6010A	04/03/96
Zinc	21000	200	100	26726	EPA 6010A	04/03/96

ND = Not detected at or above reporting limit

Curtis & Tompkins, Ltd.

SAMPLE ID: W-3
LAB ID: 124976-004
CLIENT: Subsurface Consultants
PROJECT ID: 611.008
LOCATION: 81st AVE.
MATRIX: Miscell.

DATE SAMPLED: 03/27/96
DATE RECEIVED: 03/28/96
DATE REPORTED: 04/04/96

California TITLE 26 Metals

Compound	Result (ug/Sample)	Reporting Limit (ug/Sample)	IDF	QC Batch	Method	Analysis Date
Antimony	ND	6.0	1	26726	EPA 6010A	04/03/96
Arsenic	0.80	0.50	1	26726	EPA 6010A	04/03/96
Barium	390	1.0	1	26726	EPA 6010A	04/03/96
Beryllium	0.24	0.20	1	26726	EPA 6010A	04/03/96
Cadmium	1.2	0.20	1	26726	EPA 6010A	04/03/96
Chromium (total)	130	1.0	1	26726	EPA 6010A	04/03/96
Cobalt	2.8	2.0	1	26726	EPA 6010A	04/03/96
Copper	12	1.0	1	26726	EPA 6010A	04/03/96
Lead	22	0.30	1	26726	EPA 6010A	04/03/96
Mercury	0.56	0.040	2	26768	EPA 7471	04/02/96
Molybdenum	ND	2.0	1	26726	EPA 6010A	04/03/96
Nickel	78	2.0	1	26726	EPA 6010A	04/03/96
Selenium	1.0	0.50	1	26726	EPA 6010A	04/03/96
Silver	ND	1.0	1	26726	EPA 6010A	04/03/96
Thallium	ND	0.50	1	26726	EPA 6010A	04/03/96
Vanadium	ND	1.0	1	26726	EPA 6010A	04/03/96
Zinc	1700	200	100	26726	EPA 6010A	04/03/96

ND = Not detected at or above reporting limit

Curtis & Tompkins, Ltd.

SAMPLE ID: W-4
LAB ID: 124976-005
CLIENT: Subsurface Consultants
PROJECT ID: 611.008
LOCATION: 81st AVE.
MATRIX: Miscell.

DATE SAMPLED: 03/27/96
DATE RECEIVED: 03/28/96
DATE REPORTED: 04/04/96

California TITLE 26 Metals

Compound	Result (ug/Sample)	Reporting Limit (ug/Sample)	IDF	QC Batch	Method	Analysis Date
Antimony	ND	6.0	1	26726	EPA 6010A	04/03/96
Arsenic	1.3	0.50	1	26726	EPA 6010A	04/03/96
Barium	38	1.0	1	26726	EPA 6010A	04/03/96
Beryllium	0.21	0.20	1	26726	EPA 6010A	04/03/96
Cadmium	2.6	0.20	1	26726	EPA 6010A	04/03/96
Chromium (total)	57	1.0	1	26726	EPA 6010A	04/03/96
Cobalt	3.2	2.0	1	26726	EPA 6010A	04/03/96
Copper	11	1.0	1	26726	EPA 6010A	04/03/96
Lead	54	0.30	1	26726	EPA 6010A	04/03/96
Mercury	0.83	0.020	1	26768	EPA 7471	04/02/96
Molybdenum	ND	2.0	1	26726	EPA 6010A	04/03/96
Nickel	51	2.0	1	26726	EPA 6010A	04/03/96
Selenium	0.95	0.50	1	26726	EPA 6010A	04/03/96
Silver	ND	1.0	1	26726	EPA 6010A	04/03/96
Thallium	ND	0.50	1	26726	EPA 6010A	04/03/96
Vanadium	ND	1.0	1	26726	EPA 6010A	04/03/96
Zinc	6900	200	100	26726	EPA 6010A	04/03/96

ND = Not detected at or above reporting limit

Curtis & Tompkins, Ltd.

SAMPLE ID: W-5
LAB ID: 124976-006
CLIENT: Subsurface Consultants
PROJECT ID: 611.008
LOCATION: 81st AVE.
MATRIX: Miscell.

DATE SAMPLED: 03/27/96
DATE RECEIVED: 03/28/96
DATE REPORTED: 04/04/96

California TITLE 26 Metals

Compound	Result (ug/Sample)	Reporting Limit (ug/Sample)	IDF	QC Batch	Method	Analysis Date
Antimony	ND	6.0	1	26726	EPA 6010A	04/03/96
Arsenic	0.80	0.50	1	26726	EPA 6010A	04/03/96
Barium	9.5	1.0	1	26726	EPA 6010A	04/03/96
Beryllium	0.23	0.20	1	26726	EPA 6010A	04/03/96
Cadmium	0.42	0.20	1	26726	EPA 6010A	04/03/96
Chromium (total)	5.3	1.0	1	26726	EPA 6010A	04/03/96
Cobalt	ND	2.0	1	26726	EPA 6010A	04/03/96
Copper	2.3	1.0	1	26726	EPA 6010A	04/03/96
Lead	15	0.30	1	26726	EPA 6010A	04/03/96
Mercury	0.17	0.020	1	26768	EPA 7471	04/02/96
Molybdenum	ND	2.0	1	26726	EPA 6010A	04/03/96
Nickel	3.0	2.0	1	26726	EPA 6010A	04/03/96
Selenium	0.66	0.50	1	26726	EPA 6010A	04/03/96
Silver	ND	1.0	1	26726	EPA 6010A	04/03/96
Thallium	ND	0.50	1	26726	EPA 6010A	04/03/96
Vanadium	ND	1.0	1	26726	EPA 6010A	04/03/96
Zinc	450	200	100	26726	EPA 6010A	04/03/96

ND = Not detected at or above reporting limit

Curtis & Tompkins, Ltd.

SAMPLE ID: W-6
LAB ID: 124976-007
CLIENT: Subsurface Consultants
PROJECT ID: 611.008
LOCATION: 81st AVE.
MATRIX: Miscell.

DATE SAMPLED: 03/27/96
DATE RECEIVED: 03/28/96
DATE REPORTED: 04/04/96

California TITLE 26 Metals

Compound	Result (ug/Sample)	Reporting Limit (ug/Sample)	IDF	QC Batch	Method	Analysis Date
Antimony	ND	6.0	1	26726	EPA 6010A	04/03/96
Arsenic	1.9	0.50	1	26726	EPA 6010A	04/03/96
Barium	22	1.0	1	26726	EPA 6010A	04/03/96
Beryllium	0.22	0.20	1	26726	EPA 6010A	04/03/96
Cadmium	1.8	0.20	1	26726	EPA 6010A	04/03/96
Chromium (total)	15	1.0	1	26726	EPA 6010A	04/03/96
Cobalt	ND	2.0	1	26726	EPA 6010A	04/03/96
Copper	8.1	1.0	1	26726	EPA 6010A	04/03/96
Lead	88	0.30	1	26726	EPA 6010A	04/03/96
Mercury	0.60	0.020	1	26768	EPA 7471	04/02/96
Molybdenum	ND	2.0	1	26726	EPA 6010A	04/03/96
Nickel	6.8	2.0	1	26726	EPA 6010A	04/03/96
Selenium	1.2	0.50	1	26726	EPA 6010A	04/03/96
Silver	ND	1.0	1	26726	EPA 6010A	04/03/96
Thallium	ND	0.50	1	26726	EPA 6010A	04/03/96
Vanadium	1.7	1.0	1	26726	EPA 6010A	04/03/96
Zinc	98	2.0	1	26726	EPA 6010A	04/03/96

ND = Not detected at or above reporting limit

Curtis & Tompkins, Ltd.

CLIENT: Subsurface Consultants
JOB NUMBER: 124976

DATE REPORTED: 04/04/96

BATCH QC REPORT
BLANK SPIKE / BLANK SPIKE DUPLICATE

Compound	Spike Amount	BS Result	BSD Result	Units	BS% Rec.	BSD% Rec.	Rec. Limits	RPD %	RPD Limit	QC Batch	Method	Analysis Date
Antimony	0.5	46.8	49.9	ug	94	100	80-120	6	20	26726	EPA 6010A	04/03/96
Arsenic	2	178	191	ug	89	96	80-120	7	20	26726	EPA 6010A	04/03/96
Barium	2	181	196	ug	91	98	80-120	8	20	26726	EPA 6010A	04/03/96
Beryllium	0.05	4.78	5.14	ug	96	103	80-120	7	20	26726	EPA 6010A	04/03/96
Cadmium	0.05	4.85	5.21	ug	97	104	80-120	7	20	26726	EPA 6010A	04/03/96
Chromium (total)	0.2	17.8	19.1	ug	89	96	80-120	7	20	26726	EPA 6010A	04/03/96
Cobalt	0.5	43.6	46.6	ug	87	93	80-120	7	20	26726	EPA 6010A	04/03/96
Copper	0.25	21.5	23.4	ug	86	94	80-120	9	20	26726	EPA 6010A	04/03/96
Lead	0.5	44.9	48.1	ug	90	96	80-120	7	20	26726	EPA 6010A	04/03/96
Mercury	5	5.027	4.98	ug/L	101	100	80-120	1	20	26768	EPA 7470	04/02/96
Molybdenum	0.4	35	37.3	ug	88	93	80-120	6	20	26726	EPA 6010A	04/03/96
Nickel	0.5	46.5	50	ug	93	100	80-120	7	20	26726	EPA 6010A	04/03/96
Selenium	2	178	189	ug	89	95	80-120	6	20	26726	EPA 6010A	04/03/96
Silver	0.1	9.75	10.5	ug	98	105	80-120	7	20	26726	EPA 6010A	04/03/96
Thallium	2	188	203	ug	94	102	80-120	8	20	26726	EPA 6010A	04/03/96
Vanadium	0.5	43.6	46.9	ug	87	94	80-120	7	20	26726	EPA 6010A	04/03/96
Zinc	0.5	40.4	43.6	ug	81	87	80-120	8	20	26726	EPA 6010A	04/03/96

Curtis & Tompkins, Ltd.

CLIENT: Subsurface Consultants
JOB NUMBER: 124976

DATE REPORTED: 04/04/96

BATCH QC REPORT
PREP BLANK

Compound	Result	Reporting Limit	Units	IDF	QC Batch	Method	Analysis Date
Antimony	ND	6	ug	1	26726	EPA 6010A	04/03/96
Arsenic	ND	0.5	ug	1	26726	EPA 6010A	04/03/96
Barium	ND	1	ug	1	26726	EPA 6010A	04/03/96
Beryllium	ND	0.2	ug	1	26726	EPA 6010A	04/03/96
Cadmium	ND	0.2	ug	1	26726	EPA 6010A	04/03/96
Chromium (total)	ND	1	ug	1	26726	EPA 6010A	04/03/96
Cobalt	ND	2	ug	1	26726	EPA 6010A	04/03/96
Copper	ND	1	ug	1	26726	EPA 6010A	04/03/96
Lead	ND	0.3	ug	1	26726	EPA 6010A	04/03/96
Mercury	ND	0.02	ug	1	26768	EPA 7471	04/02/96
Molybdenum	ND	2	ug	1	26726	EPA 6010A	04/03/96
Nickel	ND	2	ug	1	26726	EPA 6010A	04/03/96
Selenium	ND	0.5	ug	1	26726	EPA 6010A	04/03/96
Silver	ND	1	ug	1	26726	EPA 6010A	04/03/96
Thallium	ND	0.5	ug	1	26726	EPA 6010A	04/03/96
Vanadium	ND	1	ug	1	26726	EPA 6010A	04/03/96
Zinc	ND	2	ug	1	26726	EPA 6010A	04/03/96

ND = Not Detected at or above reporting limit

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

ANALYTICAL REPORT

Prepared for:

Subsurface Consultants
171 12th Street
Suite 201
Oakland, CA 94608

Date: 10-APR-96
Lab Job Number: 125079
Project ID: 611.008
Location: 81st AVE.

Reviewed by: _____

Reviewed by: _____

Curtis & Tompkins, Ltd.

SAMPLE ID: 1 @ 12"
LAB ID: 125079-001
CLIENT: Subsurface Consultants
PROJECT ID: 611.008
LOCATION: 81st AVE.
MATRIX: Soil

DATE SAMPLED: 03/27/96
DATE RECEIVED: 03/28/96
DATE REPORTED: 04/11/96

California TITLE 26 Metals

Compound	Result (mg/Kg)	Reporting Limit (mg/Kg)	IDF	QC Batch	Method	Analysis Date
Antimony	ND	3.0	1	26821	EPA 6010A	04/05/96
Arsenic	8.0	0.25	1	26821	EPA 6010A	04/05/96
Barium	220	0.50	1	26821	EPA 6010A	04/05/96
Beryllium	1.1	0.099	1	26821	EPA 6010A	04/05/96
Cadmium	0.77	0.099	1	26821	EPA 6010A	04/05/96
Chromium (total)	49	0.50	1	26821	EPA 6010A	04/05/96
Cobalt	10	0.99	1	26821	EPA 6010A	04/05/96
Copper	28	0.50	1	26821	EPA 6010A	04/05/96
Lead	12	0.15	1	26821	EPA 6010A	04/05/96
Mercury	0.11	0.083	1	26849	EPA 7471	04/05/96
Molybdenum	ND	0.99	1	26821	EPA 6010A	04/05/96
Nickel	36	0.99	1	26821	EPA 6010A	04/05/96
Selenium	1.2	0.25	1	26821	EPA 6010A	04/05/96
Silver	ND	0.50	1	26821	EPA 6010A	04/05/96
Thallium	ND	0.25	1	26821	EPA 6010A	04/05/96
Vanadium	60	0.50	1	26821	EPA 6010A	04/05/96
Zinc	61	0.99	1	26821	EPA 6010A	04/08/96

ND = Not detected at or above reporting limit

Curtis & Tompkins, Ltd.

CLIENT: Subsurface Consultants
JOB NUMBER: 125079

DATE REPORTED: 04/11/96

BATCH QC REPORT
PREP BLANK

Compound	Result	Reporting Limit	Units	IDF	QC Batch	Method	Analysis Date
Antimony	ND	3	mg/Kg	1	26821	EPA 6010A	04/05/96
Arsenic	ND	0.25	mg/Kg	1	26821	EPA 6010A	04/05/96
Barium	ND	0.5	mg/Kg	1	26821	EPA 6010A	04/05/96
Beryllium	ND	0.1	mg/Kg	1	26821	EPA 6010A	04/05/96
Cadmium	ND	0.1	mg/Kg	1	26821	EPA 6010A	04/05/96
Chromium (total)	ND	0.5	mg/Kg	1	26821	EPA 6010A	04/05/96
Cobalt	ND	1	mg/Kg	1	26821	EPA 6010A	04/05/96
Copper	ND	0.5	mg/Kg	1	26821	EPA 6010A	04/05/96
Lead	ND	0.15	mg/Kg	1	26821	EPA 6010A	04/05/96
Mercury	ND	0.1	mg/Kg	1	26849	EPA 7471	04/05/96
Molybdenum	ND	1	mg/Kg	1	26821	EPA 6010A	04/05/96
Nickel	ND	1	mg/Kg	1	26821	EPA 6010A	04/05/96
Selenium	ND	0.25	mg/Kg	1	26821	EPA 6010A	04/05/96
Silver	ND	0.5	mg/Kg	1	26821	EPA 6010A	04/05/96
Thallium	ND	0.25	mg/Kg	1	26821	EPA 6010A	04/05/96
Vanadium	ND	0.5	mg/Kg	1	26821	EPA 6010A	04/05/96
Zinc	ND	1	mg/Kg	1	26821	EPA 6010A	04/05/96

ND = Not Detected at or above reporting limit

Curtis & Tompkins, Ltd.

CLIENT: Subsurface Consultants
JOB NUMBER: 125079

DATE REPORTED: 04/11/96

BATCH QC REPORT
BLANK SPIKE / BLANK SPIKE DUPLICATE

Compound	Spike Amount	BS Result	BSD Result	Units	BS% Rec.	BSD% Rec.	Rec. Limits	RPD %	RPD Limit	QC Batch	Method	Analysis Date
Antimony	500	462	485	ug/L	92	97	80-120	5	20	26821	EPA 6010A	04/05/96
Arsenic	2000	1740	1810	ug/L	87	91	80-120	4	20	26821	EPA 6010A	04/05/96
Barium	2000	1760	1860	ug/L	88	93	80-120	6	20	26821	EPA 6010A	04/05/96
Beryllium	50	46.8	49.5	ug/L	94	99	80-120	6	20	26821	EPA 6010A	04/05/96
Cadmium	50	46.4	48.3	ug/L	93	97	80-120	4	20	26821	EPA 6010A	04/05/96
Chromium (total)	200	177	187	ug/L	89	94	80-120	6	20	26821	EPA 6010A	04/05/96
Cobalt	500	441	464	ug/L	88	93	80-120	5	20	26821	EPA 6010A	04/05/96
Copper	250	223	239	ug/L	89	96	80-120	7	20	26821	EPA 6010A	04/05/96
Lead	500	446	465	ug/L	89	93	80-120	4	20	26821	EPA 6010A	04/05/96
Mercury	5	4.988	5.416	ug/L	100	108	80-120	8	20	26849	EPA 7470	04/05/96
Molybdenum	400	343	367	ug/L	86	92	80-120	7	20	26821	EPA 6010A	04/05/96
Nickel	500	456	482	ug/L	91	96	80-120	6	20	26821	EPA 6010A	04/05/96
Selenium	2000	1700	1770	ug/L	85	89	80-120	4	20	26821	EPA 6010A	04/05/96
Silver	100	92.8	98.8	ug/L	93	99	80-120	6	20	26821	EPA 6010A	04/05/96
Thallium	2000	1810	1880	ug/L	91	94	80-120	4	20	26821	EPA 6010A	04/05/96
Vanadium	500	440	466	ug/L	88	93	80-120	6	20	26821	EPA 6010A	04/05/96
Zinc	500	399.5	437.1	ug/L	80	87	80-120	9	20	26821	EPA 6010A	04/05/96

Curtis & Tompkins, Ltd.

Client: Subsurface Consultants

Laboratory Login Number: 125079

Project Name: 81st AVE.
Project Number: 611.008

Report Date: 10 April 96

ANALYSIS: pH

Lab ID	Sample ID	Matrix	Sampled	Received	Analyzed	Result	Units	Method	Analyst	QC Batch
125079-001	1 @ 12"	Soil	27-MAR-96	28-MAR-96	10-APR-96	7.8	SU *	EPA 9045	DLP	26925

* Soil pH measured as water

Curtis & Tompkins, Ltd.

Q C B a t c h R e p o r t

Client: Subsurface Consultants
Project Name: 81st AVE.
Project Number: 611.008

Laboratory Login Number: 125079
Report Date: 10 April 96

ANALYSIS: pH

QC Batch Number: 26925

Calibration Verification Results

Sample	Result	TV	Difference	Limit	Analyzed
ICV	6.92	7.00	.08	< 0.10	10-APR-96
CCV	6.91	7.00	.09	< 0.10	10-APR-96

Sample Duplicate Results

Sample	Duplicate	RPD	Analyzed
7.82	7.80	.3%	10-APR-96

CURTIS & TOMPKINS, LTD. BERKELEY LOGIN CHANGE FORM

Reason for change: X Client Request: By: Fernando Date/Time: 4/4/96 Initials: [illegible]
_____ Login Review _____ Data Review

Current Lab ID	Previous Lab ID	Client ID	Matrix	Add/Cancel	Analysis	Duedate
125079-09	12496-001	7a12	Soil	Add	pH	4/1
					Cond	

Curtis & Tompkins, Ltd.

CHAIN OF CUSTODY FORM

12447 6

PAGE OF

PROJECT NAME: 81ST AVE

JOB NUMBER: 611.008 LAB: C&T

PROJECT CONTACT: FERNANDO VELEZ TURNAROUND: NORMAL

SAMPLED BY: FERNANDO VELEZ REQUESTED BY: FERNANDO VELEZ

LABORATORY I.D. NUMBER	SCI SAMPLE NUMBER	MATRIX					CONTAINERS					METHOD PRESERVED					SAMPLING DATE				NOTES	ANALYSIS REQUESTED	
		WATER	SOIL	WASTE	AIR	Wipe	VOA	LITER	PINT	TUBE	402 Glass	HCL	H_2SO_4	HNO_3	ICE	NONE	MONTH	DAY	YEAR	TIME		CAM 17	PH
-1	1@12"		X																				
-2	W-1					X					2						03	27	96			X	X
-3	W-2					X					2						03	27	96			X	X
-4	W-3					X					2						03	27	96			X	X
-5	W-4					X					2						03	27	96			X	X
-6	W-5					X					2						03	27	96			X	X
-7	W-6					X					2						03	27	96			X	X

CHAIN OF CUSTODY RECORD

RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
RELEASED BY: (Signature)	DATE / TIME	RECEIVED BY: (Signature)	DATE / TIME
[signature]	3/28/96 11:20	[signature]	3.28.96 11:20

COMMENTS & NOTES:

Subsurface Consultants, Inc.

171 12TH STREET, SUITE 201, OAKLAND, CALIFORNIA 94607

(510) 268-0461 • FAX: 510-268-0137

APPENDIX D

PHASE 2 AND 3 UNIFORM HAZARDOUS WASTE MANIFESTS

ate of California—Environmental Protection Agency
Form Approved OMB No. 2050–0039 (Expires 9-30-94)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Phase II

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000687768 / Manifest Document No. 2 2 5 2 0	2. Page 1 of 3	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address LCB Associates ORDWAY BLDG ONE KAISER PLAZA SUITE 301 , OAKLAND, CA 94612-3603 4. Generator's Phone 610) 763-7016		A. State Manifest Document Number 92722520 B. State Generator's ID HAH0360536315
5. Transporter 1 Company Name LAIDLAW ENVIRONMENTAL SERVICES OF CA, INC	6. US EPA ID Number CAD000008312 1	C. State Transporter's ID 431740 D. Transporter's Phone (510) 372-4800
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter's ID F. Transporter's Phone
9. Designated Facility Name and Site Address LAIDLAW ENVIRONMENTAL SERVICES SOUTHWEST 1340 WEST LINCOLN STREET PHOENIX, AZ 85007-	10. US EPA ID Number AZD049318009	G. State Facility's ID H. Facility's Phone (602) 258-6155

GENERATOR

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. WASTE SODIUM HYDROXIDE SOLUTION, 8, UN1824, II	001	DF	00055	G	State 122 EPA/Other D002/
b. WASTE BATTERIES, WET, FILLED WITH ACID, 8, UN2794, III, RQ(D008)	001	DF	estimate 00045	P	State 792 EPA/Other D002/D008
c. WASTE CAUSTIC ALKALI LIQUIDS, N.O.S., (SODIUM HYDROXIDE, SODIUM HYPOCHLORITE), 8, UN1719, II	001	DF	00005	G	State ~~123~~ 793 EPA/Other D002/
d. WASTE CORROSIVE LIQUIDS, N.O.S., (PHOSPHORIC ACID, SULFURIC ACID), 8, UN1760, II	001	DF	00030	G	State 791 ~~123~~ EPA/Other D002/

J. Additional Descriptions for Materials Listed Above
Additional a. none a) labpack #1
EPA Waste b. none b) labpack #2
Codes c. none c) labpack #3
d. none d) labpack #4

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information WEAR APPROPRIATE PROTECTIVE CLOTHING WHEN HANDLING MATERIAL
ERG# A)60 B)60 C)60 D)60

Emergency Contact: Infotrac @ 1-800-535-5053 (515)
Approvals: a. b. c. d.

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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	Signature	Month	Day	Year
FERNANDO VELEZ	[signature]	03	24	95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
PETE WEILER	[signature]	03	24	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

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	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

White: TSDF SENDS THIS COPY TO DTSC ...
To: P.O. Box 3000, Sacramento, CA ...

DTSC 8022A (7/92)

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

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST *(Continuation Sheet)*

21. Generator's US EPA ID No.: CAC000687768 | Manifest Document No.: 22520 | 22. Page: 2 | Information in the shaded areas is not required by Federal law.

23. Generator's Name
LCB ASSOCIATES
ORDWAY BLDG ONE KAISER PLAZA SUITE 301, OAKLAND, CA 94612-3603
(510) 763-7016

L. State Manifest Document Number: 92722520
M. State Generator's ID:

24. Transporter ___ Company Name | 25. US EPA ID Number | N. State Transporter's ID | O. Transporter's Phone

26. Transporter ___ Company Name | 27. US EPA ID Number | P. State Transporter's ID | Q. Transporter's Phone

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	29. Containers Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	WASTE NITRATING ACID MIXTURES, 8, UN1796, I		001	DF	00055	G	CA 791 D001/D002
b.	WASTE FLAMMABLE LIQUIDS, N.O.S., (PETROLEUM DISTILLATES, KEROSENE), 3, UN1993, II, RQ(D001)		001	DM	00055	G	CA 331 D001/
c.	WASTE FLAMMABLE LIQUID, N.O.S., (ACETONE, PETROLEUM DISTILLATES), 3, UN1993, II, RQ(D001)		001	DM	00055	G	CA 331 D001/
d.	WASTE CORROSIVE SOLID, N.O.S., (CHROMATE, AMMONIUM BIFLUORIDE), 8, UN1759, II		001	DM	estimate 00200	P	CA 181 D007/
e.	WASTE OXIDIZING SUBSTANCES, SOLID, CORROSIVE, N.O.S., (SODIUM PERSULFATE, CHROMIC ACID), 5.1, UN3085, II, RQ(D001)		001	DM	estimate 00250	P	CA 181 D001/D007
f.	WASTE OXIDIZING SUBSTANCES, SOLID, N.O.S., (AMMONIUM NITRATE, SODIUM PERSULFATE), 5.1, UN1479, II, RQ(D001)		001	DM	estimate 00170	P	CA 181 D001/
g.	WASTE OXIDIZING SUBSTANCES, SOLID, N.O.S., (SODIUM BICHROMATE, SODIUM NITRATE), 5.1, UN3085, II, RQ(D001, D007)		001	DM	estimate 00225	P	CA 181 D001/D007
h.	WASTE POISONOUS LIQUIDS, FLAMMABLE, N.O.S., (MALATION, XYLENE), 6.1, UN2929, II		001	DF	00005	G	CA 232 D001/D015
i.	WASTE AEROSOLS, 2.1, UN1950		001	DF	estimate 00008	P	CA 331 D001/D035

S. Additional Descriptions for Materials Listed Above
a) LP #5 ; ERG #73
b) LP 6 ; ERG 27
c) LP 7 ; ERG 27
d) LP 8 ; ERG 60
e) LP 9 ; ERG 42
f) LP 10 ; ERG 35
g) LP 12 ; ERG 42
h) LP 13 ; ERG 57
i) LP 15 ; ERG 12

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information: none

Add. EPA Waste Codes:
a. none
b. none
c. none
d. none
f. none
g. none
h. none
i. none

Approval Numbers:
a. ___ f. ___
b. ___ g. ___
c. ___ h. ___
d. ___ i. ___
e. ___

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date (Month Day Year)

34. Transporter ___ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

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

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST *(Continuation Sheet)*

21. Generator's US EPA ID No.: CAC000687768 | Manifest Document No.: 22520 | 22. Page: 3 | Information in the shaded areas is not required by Federal law.

23. Generator's Name
LCB ASSOCIATES
ORDWAY BLDG ONE KAISER PLAZA SUITE 301, OAKLAND, CA 94612-3603
(510) 763-7016

L. State Manifest Document Number: 92722520

M. State Generator's ID:

24. Transporter ___ Company Name | 25. US EPA ID Number | N. State Transporter's ID | O. Transporter's Phone

26. Transporter ___ Company Name | 27. US EPA ID Number | P. State Transporter's ID | Q. Transporter's Phone

	28. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	HM	29. Containers No.	29. Containers Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	WASTE PROPANE, 2.1, UN1978		001	DF	estimate 00010	P	CA 331 D001/
b.	CARBON DIOXIDE, 2.2, UN1013		001	DF	estimate 00060	P	CA 141 Non-RCRA
c.	AEROSOLS, 2.2, UN1950		001	DF	estimate 00018	P	CA 331 Non-RCRA
d.	NON-RCRA HAZARDOUS WASTE, SOLID, (LABPACKS)		003	DM	estimate 00825	P	CA 181 Non-RCRA
e.	NON-RCRA HAZARDOUS WASTE, LIQUID, (LABPACK)		001	DM	00055	G	CA 343 Non-RCRA
f.							
g.							
h.							
i.							

S. Additional Descriptions for Materials Listed Above
a) LP #16 ; ERG# 22
b) LP #17 ; ERG# 21
c) LP #14 ; ERG# 12
d) LP #21 ; ERG# N/A - also LP # 20 + LP # 19
e) LP #11 ; ERG# N/A

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information: none

Add. EPA Waste Codes: a. none b. none c. none d. none e. none f. g. h. i.

Approval Numbers: a. f. b. g. c. h. d. i. e.

33. Transporter ___ Acknowledgement of Receipt of Materials — Printed/Typed Name | Signature | Date (Month Day Year)

34. Transporter ___ Acknowledgement of Receipt of Materials — Printed/Typed Name | Signature | Date (Month Day Year)

35. Discrepancy Indication Space

GENERATOR

TRANSPORTER

FACILITY

LAIDLAW ENVIRONMENTAL SERVICES

FORM D

Lab Pack Waste Customer Notification/Certification
(Category 6)

Generator Name/Location: LCB Associates / Oakland, CA

EPA I.D. Number CAC000687768 Manifest Number 92722520

Restricted Waste Notification (Category 2)

Check this category and category 6 below if you are managing lab pack wastes that are restricted from land disposal (the waste has applicable treatment standards), AND if the lab pack does not contain any of the restricted waste codes listed in 40 CFR Part 268 Appendix IV.

☒ *I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the alternate treatment standards for lab packs specified in 40 CFR Part 268.42(c).*

Lab Pack Certification (Category 6)

☒ *I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack contains only wastes which have not been excluded under appendix IV to part 268 or solid waste not subject to regulation under 40 CFR 261. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.*

Drum Number, Waste Profile or ARF Number	State/EPA Waste Numbers	Drum Number, Waste Profile or ARF Number	State/EPA Waste Numbers
950310mzLCB-01	D002	" -08	D007
950310mzLCB-02	D002, D008	" -09	D001, D007
950310mzLCB-03	D002	" -10	D001
950310mzLCB-04	D002	" -12	D001, D007
950310mzLCB-05	D001, D002	" -13	D001, D015
" -06	D001	" -15	D001, D035
" -07	D001	" -16	D001

Unrestricted Waste Notification (Category 1)
Mark this category if you are managing lab pack wastes that are not subject to the land disposal restrictions (the waste have no applicable treatment standards).

☒ *I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR Part 268, Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA Section 3004(d).*

Drum Number, Waste Profile or ARF Number	State/EPA Waste Numbers	Drum Number, Waste Profile or ARF Number	State/EPA Waste Numbers
950310mzLCB- 17	CA 141		
" -14	CA 331		
" -21	CA 181		
" -11	CA 343		

SIGNATURE: _____ DATE: 3/24/95

PRINT NAME: FERNANDO VELEZ TITLE: CONSULTANT FOR LCB ASSOC.

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents

11a

ARF No. ____

☐ Bulk ☑ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 95 0310MZ LCB 01

Chemist: RS

596 597 598

DOT Shipping Name: Waste Sodium Hydroxide Solution

Container Type: 55 Poly

UN/NA Number: UN1824

HM: X

Hazard Class: 8, PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Sodium Hydroxide Solution	3 X 5 GAL		D002
02				
03				
04				
05				
06				
07	CA # 122			
08				
09				
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This Lab Pack list continues; Yes ☐ No ☒ This is page 1 of 1

FINAL T S D

HIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS.

T09 - INCINERATION

11 b

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Container Number: 950310MZ LCB-02		Chemist 25
DOT Shipping Name: Waste Batteries wet Filled with Acid		596 597 598
Container Type: DF-5	UN/NA Number: UN 2794	HM X
Hazard Class: 8, III		

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Lead Acid Batteries	~~45~~ 1535#		D002, D008
02				
03				
04				
05				
06				
07				
08	CA# 792			
09				
10				
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This Lab Pack list continues; Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS.

TO9 - INCINERATION

11c

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Container Number: 950310MZLCB-03		Chemist RS
DOT Shipping Name: WASTE Caustic alkali liquids n.o.s.		596 597 598
Container Type: 5DF	UN/NA Number: UN1719	HM
Hazard Class: 8, II		

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Sodium Hydroxide w/water	2x 1PT		D002
02	clorox cleaner w/Sodium			
03	Hydroxide & 1% Sodium Hypochlorite	1 x 1 PT		D002
04	oxidizer neg.			
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13	CA #123			
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This Lab Pack list continues; Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS.

TO9 - INCINERATION

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents 11d

ARF No. _____

☐ Bulk ☒ Mixed Lab

Container Number: 950310 M2 LCB-04		Chemist RS 596 597 598
DOT Shipping Name: Waste Corrosive Liquid NOS		
Container Type: 30 DF	UN/NA Number: UN1760	HM
Hazard Class: 8, PG II		

Receiving	Routing	Shipping
ESW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Phosphoric Acid 75%	1 x 5GAL		D002
02	Hydrochloric Acid	3 x 1GAL		"
03	Hydrochloric Acid	1 x 1PT		"
04	Sulfuric Acid	1 x 1PT		"
05				
06				
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12	CA# 791			
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This Lab Pack list continues; Yes ☒ No ☐

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS.

Container Contents

LAIDLAW ENVIRONMENTAL SERVICES

ARF No. 28a p92

☐ Bulk ☒ Mixed Lab

Container Number: 950310MZ LCB-05		Chemist IRS
DOT Shipping Name: Waste nitrating acid mixtures, spent		596 597 598
Container Type: 55 DF	UN/NA Number: UN1796 HM ✓	
Hazard Class: 8, PGI		

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Nitric Acid 46% to 68%.	1 x 5 GAL		D002, D001
02	Nitric Acid 50%.	2 x 5 GAL		1 - 1
03				
04				
05				
06				
07				
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09	CA # 791			
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This Lab Pack list continues; Yes ☐ No ☒

pg 2 28b

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310M2 LCB-06

Chemist 125

DOT Shipping Name: Waste Flammable Liquids, nos

596 597 598

Container Type: 55 DM

UN/NA Number: UN 1993

HM X

Hazard Class: 3, PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Oil & kerosene	1 x 5 GAL		D001
02	Enamel Paint	1 x 5 GAL		"
03	Paint Thinner w/ Petroleum	1 x 5 GAL		"
04	Distillates	—		"
05	Mineral Spirits Thinner	1 x 1 GAL		"
06	Henrys Roof Cement w/ Petroleum	1 x 1 PT		"
07	Distillates	—		—
08	Lemon oil	1 x 1 PT		D001
09	oil finish w/ Petroleum Thinner	1 x 1 PT		"
10	microshield Lacquer	1 x 1 GAL		"
11	Petroleum Thinner	1 x 1 QT		"
12	epoxy resin w/ urethane	1 x 1 GAL		"
13	"	1 x 1 QT		"
14				
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16	CA # 331			
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This list continues: Yes ☐ No ☒

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS. TO9 - INCINERATION

pg 2 28C

Container Contents

ARF No. _____

LAIDLAW ENVIRONMENTAL SERVICES

☐ Bulk ☒ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310MZ LCB-07 | Chemist

DOT Shipping Name: Waste Flammable Liquid N.O.S. | 596 597 598

Container Type: 17H55 | UN/NA Number: UN 1993 | HM

Hazard Class: 3, PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Roof coating w/ Petroleum Distillates	2 x 5GAL		D001
02	Acetone			
03	enamel Paint	1 x 1GAL		
04	Lucite enamel Paint	1 x 1PT		
05	Resin thinner w/ Acetone	1 x 1PT		
06	wax mold Release w/ Petroleum	1 x 4oz		
07	Naphtha	—		
08	rubber cement w/ Acetone	1 x 1PT		
09	Acrysol Body Solvent w/	—		
10	Toluene			
11				
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15	CA # 331			
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This Lab Pack list continues; Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS.

T09 - INCINERATION

pg 2 28d

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Container Number: 950310MZLCB-08		Chemist 596 597 598
DOT Shipping Name: Corrosive Solid, N.O.S.		
Container Type: DM-55	UN/NA Number: UN1759	HM ☒
Hazard Class: 8 PG II		

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Sodium Fluoroborate pH = 2	1 X 60# bag		
02	Ammonium bifluoride pH = 1	1 X 25# bag		
03	Boric acid - Sol. D pH = 1	1 X 10# bag		
04	Yellow chromate pH = 1	1 X 500 ml		D007
05				
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10	CA 181			
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This Lab Pack list continues: Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS.

TO9 - INCINERATION

pg 2-28e

Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Receiving	Routing	Shipping
3W		

Container Number: 950310MZLCB-09 ~~Chemist~~

DOT Shipping Name: Waste Oxidizing Substances, Solid, Corrosive, N.O.S. 596 597 598

Container Type: DM-55 | UN/NA Number: UN3085 | HM ☒

Hazard Class: 5.1 PG II

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Sodium persulfate	1 X 60# Bag		D001
02	Powder concentrate w/ chromic acid - solid	1 X 1 gal.		D007, D001
03	pH = 1			
04	Bright Dipp w/ Fluorine powder	1 X 35#		D001
05	pH = 1			
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This Lab Pack list continues; Yes ☐ No ☒

This is page 1 of 1

HIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS. TO9 - INCINERATION

pg 2- 284

Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310MZLCB-10

~~Chemical~~ 596 597 598

DOT Shipping Name: Waste Oxidizing substances solid, n.o.s.

Container Type: DM-55

UN/NA Number: UN1479

HM ☒

Hazard Class: 5.1 PG II

Line No	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Ammonium nitrate fertilizer	1 X 12# bag		D001
02	Sodium persulfate	1 X 65#		D001
03				
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09	CA 181			
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This Lab Pack list continues: Yes ☐ No ☒ This is page 1 of 1

Pg 2-289

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Container Number:			Chemist
950310MZ LCB-12			596 597 598
DOT Shipping Name: RQ Waste Oxidizing Substances, Solid			
Container Type: 17H55	UN/NA Number: UN3085	HM X	RQ D007
Hazard Class: 5.1 II			

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Sodium Bichromate	1 x 75 LBS		D001, D007
02	"	1 x 25 LBS		"
03	Sodium Nitrite	1 x 50 LBS		D001
04				
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07	CA #181			
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This Lab Pack list continues; Yes ☐ No ☒

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS.

TO9 - INCINERATION

pg 2-28 h

Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310 m2 LCB – 13		Chemist:	
DOT Shipping Name: Waste Poisonous Liquid, Flammable, N.O.S.		596 597 598	
Container Type: DF-5	UN/NA Number: UN2929	HM	
Hazard Class: 6.1	PG II		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Ortho - Malathion 50 Insect Spray w/	1 X 8oz		D001
02	50% Malathion, Xylene			
03	Systemic - Plus Insect Spray w/	1 X 8oz		D001, D015
04	Toxaphene, Petroleum Distillates			
05				
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10	CA 232			
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This Lab Pack list continues; Yes ☐ No ☒

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS.

T09 - INCINERATION

pg 2-28

Container Contents

ARF No. _____

LAIDLAW ENVIRONMENTAL SERVICES

☐ Bulk ☒ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310MZLCB-15

Chemist: SP

596 597 598

DOT Shipping Name: Waste Aerosols

Container Type: DF-5

UN/NA Number: UN1950

HM: ☒

Hazard Class: 2.1

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Rust Proof Paint w/ Petroleum Distillates	2 X 12.5 oz Can		D001
02	Spray Brite, w/ Propane	1 X 11 oz can		D001
03	Fast Dry - Hard Hat w/ Toluol & Xylol	1 X 16 oz can		D001
04	Rust Oleum Spray Enamel w/ Toluol & Xylol	1 X 12 oz can		D001
05	Satin Flat Enamel w/ Acetone & methyl	1 X 12 oz can		D001, D035
06	ethyl ketone			
07	WD-40 w/ Propane	1 X 9 oz Can		D001
08	Magic Shoe Stretch w/ Propane/Isobutane	1 X 3 oz Can		D001
09	Rust Guard w/ Propane, Isobutane	1 X 3 oz		D001
10	Bandage Spray w/ Ethyl alcohol	1 X 3 oz		D001
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23	CA 331			
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This Lab Pack list continues: Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS. T09 - INCINERATION

pg2-28?

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents

ARF No. ______

☐ Bulk ☒ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310MZLCB-15

Chemist: [signature] 596 597 598

DOT Shipping Name: Waste Aerosols

Container Type: DF-5

UN/NA Number: UN1950

HM: X

Hazard Class: 2.1

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Rust Proof Paint w/ Petroleum Distillates	2 X 12.5 oz Can		D001
02	Spray Brite, w/ Propane	1 X 11 oz can		D001
03	Fast Dry - Hard Hat w/ Tolulol & Xylol	1 X 16 oz can		D001
04	Rust Oleum Spray Enamel w/ Tolulol & Xylol	1 X 12 oz can		D001
05	Satin Flat Enamel w/ Acetone & methyl	1 X 12 oz can		D001, D035
06	ethyl Ketone			
07	WD-40 w/ Propane	1 X 9 oz Can		D001
08	Magic Shoe Stretch w/ Propane/Isobutane	1 X 3 oz Can		D001
09	Pivot Guard w/ Propane, Isobutane	1 X 3 oz		D001
10	Bandage Spray w/ Ethyl alcohol	1 X 3 oz		D001
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This Lab Pack list continues: Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS.

TO9 - INCINERATION

pg 2 - 28

Container Contents

ARF No. _____

LAIDLAW ENVIRONMENTAL SERVICES

☐ Bulk ☒ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310MZLCB-15

Chemist: SD

596 597 598

DOT Shipping Name: Waste Aerosols

Container Type: DF-5

UN/NA Number: UN1950

HM: X

Hazard Class: 2.1

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Rust Proof Paint w/ Petroleum Distillates	2 X 12.5oz Can		D001
02	Spray Brite, w/ Propane	1 X 11oz can		D001
03	Fast Dry - Hard Hat w/ Toluol & Xylol	1 X 16oz can		D001
04	Rust Oleum Spray Enamel w/ Toluol & Xylol	1 X 12oz can		D001
05	Satin Flat Enamel w/ Acetone & methyl	1 X 12oz can		D001, D035
06	ethyl ketone			
07	WD-40 w/ Propane	1 X 9oz Can		D001
08	Magix Shop Streth w/ Propane/Isobutane	1 X 3oz Can		D001
09	Rust Guard w/ Propane, Isobutane	1 X 3oz		D001
10	Bandage Spray w/ Ethyl alcohol	1 X 3oz		D001
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This Lab Pack list continues: Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS.

TO9 - INCINERATION

pg 3-28a

LADLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Container Number: 950310 mz LCR-16	Chemist: 596 597 598
DOT Shipping Name: Waste Propane	
Container Type: DF-5 / UN/NA Number: UN1978 / HM: ☒	
Hazard Class: 2.1	

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Propane Fuel - cylinder	2 x 14.1 oz		D001
02	Propane Fuel - cylinder	1 x 16.4 oz		D001
03				
04				
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14	CA331			
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This Lab Pack list continues: Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS. TO9 - INCINERATION

pg 3-28b

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310MZLCB-17

Chemist: 596 597 598

DOT Shipping Name: Carbon Dioxide

Container Type: DF-20

UN/NA Number: UN1013

HM: X

Hazard Class: 2.2

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Carbon Dioxide cylinder	1 X 20#		—
02				
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CA 141

This Lab Pack list continues; Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS. TO9 - INCINER.

pg 3-28c

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Container Number: 950310MZ LCB-11			Chemist 596 597 598
DOT Shipping Name: NON RCRA HAZARDOUS WASTE, LIQUIDS			
Container Type: 17H55	UN/NA Number: —	HM	
Hazard Class: —			

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Joint Compound LATEX	1 x 5 GAL.		NON RCRA
02	Oil & water	1 x 5 GAL.		
03	LATEX Paint	1 x 5 GAL		
04	LATEX Paint	5 x 1 GAL.		
~~05~~	~~Potassium Iodide~~ RLS Pulled	~~1 x 2 GAL~~		
06	Magnesium Sulfate & water	1 x 1 QT		
07	Shoe Polish was Flammable	1 x 4 OZ		
08				
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11	CA # 343			
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This Lab Pack list continues: Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS. TO9 - INCINERATION

pg 3-28d

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Container Number: 950310M3 LCB-19		Chemist 596 597
DOT Shipping Name: NON RCRA HAZARDOUS WASTE, ~~SOLID~~		
Container Type: 17H SS	UN/NA Number: —	HM
Hazard Class: —		

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	~~Aluminum Brown Pigment~~ Pulled	~~1x 3LBS~~		
02	Aluminum Yellow Pigment	2x2LBS		
03	Aluminum Brown Pigment	4x1LBS		
04	" Orange "	2x1LBS		
05	" Turquoise "	2x2LBS		
06	Grease	6x1LBS		
07	DAP glazing compound	4x1LBS		
08	Paint Spackling LATEX	1x 4OZ		
09	LATEX Caulking	1x 10.OZ		
10	VINYL Spackling compound	1x 8 OZ		
11	BOOT WAX	1x 4OZ		
12	Vegetable FOOD w/Ammonium	1x 1LBS		
13	Sulfate	—		
14	SOAP W/ <1% Sodium Hydroxide	1x 10LBS		
15	Organic Phosphates	—		
16	~~Zinc Sulfate~~ Pulled	~~1x 50 LBS~~		
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20	CA #181			
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This Lab Pack list continues; Yes ☐ No ☒

This is page 1 of 1

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS. TO9 - INCINERATION

pg 3-28d

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Container Number: 950310M2 LCB-#20			Chemist 596 597 598
DOT Shipping Name: NON RCRA HAZARDOUS WASTE SOLID			
Container Type: 17H55	UN/NA Number:	HM	
Hazard Class:			

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Aluminum Brown Pigment	1 x 3 LBS		
02	Zinc SULFATE	1 x 50 LBS		
03	Sodium METABISULFPHITE	1 x 50 LBS		
04	welding Flux w/ Iron	2x 1 LBS		
05	MORTAR W/ crystalline silica	1 x 3 LBS		
06	Fluorspar	1 x 100 LBS		
07	zinc METAL granular	1 x 1 LBS		
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14	CA# 181			
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This Lab Pack list continues; Yes ☐ No ☒ This is page 1 of 1

pg 3-28 d

Container Contents

ENVIRONMENTAL SERVICES

ARF No. _____

☐ Bulk ☒ Mixed Lab

Container Number: 950310MZ LCB-21			Chemist RS
DOT Shipping Name: NON RCRA HAZARDOUS WASTE, SOLID			596 597 598
Container Type: 17H55	UN/NA Number:	HM	
Hazard Class:			

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Nickel SULFATE	1 x 2 LBS		
02	BORAX W/ Boric ACID PH=4	1 x 100 LBS		
03	green UREA	1 x 50 LBS		
04				
05				
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09	CA # 181			
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This Lab Pack list continues; Yes ☐ No ☒

pg 3 - 28c

Container Contents

ARF No. _____

☐ Bulk ☒ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310MZ LCB-11 Chemist: 596 597 598

Shipping Name: NON RCRA HAZARDOUS WASTE, LIQUIDS

Container Type: 17H55 UN/NA Number: — HM:

Class: —

Material Description	Material Quantity	RQ	EPA Waste Code Number
Joint Compound LATEX	1 x 5 GAL.		NON RCRA
Oil & Water	1 x 5 GAL.		
LATEX Paint	1 x 5 GAL		
LATEX Paint	5 x 1 GAL.		
~~Potassium Chloride~~ RLS Pulled	~~1 x 2 GAL~~		
Magnesium Sulfate & WATER	1 x 1 QT		
Shoe Polish Non Flammable	1 x 4 OZ		

CA # 343

Material continues; Yes ☐ No ☒

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

Phase II

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC000697768
Manifest Document No.: 22545
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: LCB Associates
Ordway Bldg. One Kaiser Plaza, Ste 301
Oakland, CA 94612-3603

4. Generator's Phone (510 763-7016

A. State Manifest Document Number: 92722545

B. State Generator's ID: HAHQ36053635

5. Transporter 1 Company Name: Laidlaw Environmental Services of CA, Inc.
6. US EPA ID Number: CAD000083121

C. State Transporter's ID: 431772
D. Transporter's Phone: 510 372-4800

7. Transporter 2 Company Name:
8. US EPA ID Number:

E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: Laidlaw Environmental Services(Imperial Valley), Inc.
5295 South Garvey Road
Westmorland, CA 92281
10. US EPA ID Number: CAD000633164

G. State Facility's ID:
H. Facility's Phone: (619) 344-9400

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. RQ Hazardous Waste Solid, N.O.S. (lead, chromium contaminated debris), 9. NA3077, III (D007, D008)	001	CM	estimate 12700 ~~02200~~	P	State: 512 EPA/Other: D007, D008
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above
11a.

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
11a ERG # 31
Wear proper protective clothing when handling.
24 hour emergency phone # (800)535-5053(515)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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: FERNANDO VELEZ | Signature: [signature] | Month 03 Day 24 Year 95

GENERATOR

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Katherine Hebert | Signature: Katherine Hebert | Month 03 Day 24 Year 95

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: | Signature: | Month Day Year

TRANSPORTER

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: | Signature: | Month Day Year

FACILITY

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

92722545

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (7/92)
EPA 8700—22

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

LAIDLAW ENVIRONMENTAL SERVICES

FORM A

Customer Notification And Certification

Generator Name/Location: LCB Associates 1910 81st Ave ste A Oakland CA

EPA I.D. Number: CAC 000 687 768

Waste Profile or ARF Designation: _____

Manifest Number: 92722545

EPA Waste Number(s): D007, D008

Waste Analysis Available? Yes (attached) _____ No X On file at receiving facility _____

Unrestricted Waste Notification (*Category 1*)

Mark the statement below if you generate a waste that is not a land disposal restricted waste (the waste has no applicable treatment standards).

☐ *I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR §268, Subpart D or any applicable prohibitions set forth in 40 CFR §268.32 or RCRA Section 3004(d).*

Restricted Waste/Debris Notification (*Category 2*)

Mark statement (2a) below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards). **NOTE-1:** A waste may pass one or more standards and require treatment or be varianced for others. In this case, all applicable categories must be checked. **NOTE-2:** D001, D002 and D012 - D043 wastes must be evaluated for underlying constituents found in 40 CFR §268. 48 (Table UTS), that are reasonably expected to be present. A list of these constituents must be included on **FORM B**, or attached to and accompany this notification with each waste shipment. Mark statement (2b) if you generate a debris waste that will be treated to the alternate debris standards located in 40 CFR §268.45.

☐ **(2a) Restricted Waste Notification**

I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR §268 Subpart D. The waste: (a) must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method; (b) qualifies for a variance as described in category 3 below; or (c) meets some or all of the standards as described in Category 4 below.

☒ **(2b) Alternate Debris Treatment Notification: This hazardous debris is subject to the alternate treatment standards of 40 CFR §268.45.**

The waste contains the following contaminants subject to treatment [check all that apply]:

X §268.45(b)(1) - Toxicity characteristic debris;

_____ §268.45(b)(2) - Debris contaminated with listed waste;

_____ §268.45(b)(3) - Cyanide reactive debris.

Restricted Waste Variance Notification (*Category 3*)

Mark the statement below and list the applicable variance date on **Form B**, if you generate a waste which does not require treatment prior to land disposal because of a variance (including a case-by-case extension under 40 CFR §268.5, a nationwide variance under 40 CFR §268 Subpart C, a no migration petition under 40 CFR §268.6, or other applicable variance).

☐ *I notify pursuant to 40 CFR §268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR §268 Subpart C, or a case-by-case extension under 40 CFR §268.5, or an exemption under 40 CFR §268.6.*

Restricted Waste Certification (Treatment Standards Met) (*Category 4*)

Mark the certification statement below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards), and the waste meets the standards as generated. Note: All applicable constituent standards must be accounted for. A waste may pass one or more standards and require treatment or be variance for other constituents. In this case, all applicable categories must be checked.

☐ *I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA § 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.*

SIGNATURE: _____ DATE: 3/24/95

PRINT NAME: FERNANDO VELEZ TITLE: 3/24/95 CONSULTANT FOR LCB

Phase II

LAIDLAW ENVIRONMENTAL SERVICES

NAME OF WASTE STREAM: Steel/Plastic Tanks Debris

MATERIAL PROFILE NO.:

☒ New ☐ Amendment JB/HH/LOKern-IV

A. GENERATOR INFORMATION

Generator Name: LCB Associates
Facility Address: 910 81st. - SITE A
Oakland, CA 94612
City/County: Oakland, Alameda
State: CA Zip Code:
USEPA ID#: CAC000687768
State ID#: HAHQ36053635

Technical Contact: Katherine Hebert or Ray Smith
Telephone (510) 372-4800 EXT.
Fax (510) 370 7821
Billing Name:
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES
4501 Pacheco Blvd.
City: Martinez, CA 94553 State: Zip Code:
Attention:
Telephone ( ) EXT.

B. DOT

Shipping Name: HAZARDOUS WASTE SOLID, N.O.S.
Hazard Class: 9
UN/NA No.: NA 3077 Packing Group: III RQ: 10

C. RCRA

RCRA Non Hazardous/Exempt? ☒ Yes ☐ No Process Generating: Site closure / remediation
State Waste Codes: 512
EPA Waste Codes: D008, D007

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A 69
Form Code: B 308
Origin Code: 2
System Type: M 132

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70º F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☒ Solid 100 %
☐ Aerosol ☐ Sludges %
☐ Lab-Pack ☐ Free Liquids %
100%

Layers: ☐ Single Layered ☒ Bi-layered ☐ Multi-layered

Viscosity: ☐ Low N/A ☐ Medium ☐ High

Odor: ☒ None ☐ Mild ☐ Strong Describe:

Color/Appearance: VARIES

Weight
Density lbs./gal. (US, liq) 30-40 lbs./cu. foot
Dry Weight ☐ <1.0% ☐ 5-20% ☐ 1-5% ☒ 20-100%

pH ☒ N/A ☐ 0-2 ☐ 4.1-10 ☐ ≥ 12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only)
☐ <73ºF (23ºC)
☐ 73-140ºF (23-60ºC)
☐ 142-200ºF (61-93ºC)
☐ >200ºF (93ºC)
☒ N/A

Boiling Point
☐ <95ºF (35ºC)
☐ >95ºF (35ºC)
☒ N/A

BTU/Lb. N/A

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ >200, ≤1000
☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)
☐ ≤5 ☐ >5, ≤50
Solids: ☐ >50, ≤200 ☒ >200
Liquids: ☐ >50, ≤500 ☐ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☐ Yes ☐ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☒ Yes ☐ No

G. METALS

NONE ☐ TCLP (MG/L) ☒ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☒	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☐	☐	
Chromium	5 mg/L	☐	☒	
Copper		☐	☐	
Lead	5 mg/L	☐	☒	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☐	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☒	☐	
Others:		☒		

H. PHYSICAL/CHEMICAL CONSTITUENTS

STEEL TANKS	15-30%
PLASTIC TANKS	15-30%
STEEL DRUMS	15-30%
PLASTIC DRUMS	15-30%
WOOD	15-30%
PLASTIC	15-30%
PAPER/	15-30%
ALUMINUM OXIDE	<1 %
concrete pieces	1-5 %
tanks may be	%
contaminated w/ lead	%
& chromium	100 %
	100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☒ 3	Rolloff/Dump Trailer*
☐	55 gl. drum	☐	Tanker*
☐	85 gl. drum	☐	Other

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

X

Generator's Authorized Signature: X Date

EAIDLAW ENVIRONMENTAL SERVICES

FORM A

Customer Notification And Certification

Page ___ of ___

Generator Name/Location: LCB Associates / 910 81st Ave, Ste A Oakland

EPA I.D. Number: CAC000687768

Waste Profile or ARF Designation: _____

Manifest Number: 9272252

EPA Waste Number(s): D001, D008

Waste Analysis Available? Yes (attached) ____ No X On file at receiving facility ____

Unrestricted Waste Notification (*Category 1*)

Mark the statement below if you generate a waste that is not a land disposal restricted waste (the waste has no applicable treatment standards).

[ ] *I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR §268, Subpart D or any applicable prohibitions set forth in 40 CFR §268.32 or RCRA Section 3004(d).*

Restricted Waste/Debris Notification (*Category 2*)

Mark statement (2a) below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards). NOTE-1: A waste may pass one or more standards and require treatment or be varianced for others. In this case, all applicable categories must be checked. NOTE-2: D001, D002 and D012 - D043 wastes must be evaluated for underlying constituents found in 40 CFR §268. 48 (Table UTS), that are reasonably expected to be present. A list of these constituents must be included on FORM B, or attached to and accompany this notification with each waste shipment. Mark statement (2b) if you generate a debris waste that will be treated to the alternate debris standards located in 40 CFR §268.45.

[ ] **(2a) Restricted Waste Notification**

I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR §268 Subpart D. The waste: (a) must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method; (b) qualifies for a variance as described in category 3 below; or (c) meets some or all of the standards as described in Category 4 below.

[X] **(2b) Alternate Debris Treatment Notification: This hazardous debris is subject to the alternate treatment standards of 40 CFR §268.45.**

The waste contains the following contaminants subject to treatment [check all that apply]:

X §268.45(b)(1)- Toxicity characteristic debris;

_____ §268.45(b)(2)- Debris contaminated with listed waste;

_____ §268.45(b)(3)- Cyanide reactive debris.

Restricted Waste Variance Notification (*Category 3*)

Mark the statement below and list the applicable variance date on Form B, if you generate a waste which does not require treatment prior to land disposal because of a variance (including a case-by-case extension under 40 CFR §268.5, a nationwide variance under 40 CFR §268 Subpart C, a no migration petition under 40 CFR §268.6, or other applicable variance).

[ ] *I notify pursuant to 40 CFR §268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR §268 Subpart C, or a case-by-case extension under 40 CFR §268.5, or an exemption under 40 CFR §268.6.*

Restricted Waste Certification (Treatment Standards Met) (*Category 4*)

Mark the certification statement below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards), and the waste meets the standards as generated. Note: All applicable constituent standards must be accounted for. A waste may pass one or more standards and require treatment or be variance for other constituents. In this case, all applicable categories must be checked.

[ ] *I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA § 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.*

SIGNATURE: _____ DATE: _____

PRINT NAME: _____ TITLE: _____

Generator Name/Location: LCB Associates / 910 81st Ave, Ste A, Oakland/CA

FORM B

EPA I.D. Number: CAC000687768 Manifest Number: 9272252 —

Waste Profile or ARF	Cat No.	EPA or State Waste Code	Sub Category	Treatability Group (WW or NWW)	40 CFR Reference	Treatment Standards Technology Code	Concentration or Legend No.
	2	D008	lead	NWW			
		D007	chromium	V			

LEGEND FOR TREATMENT STANDARDS OF CONSTITUENTS IN SOLVENT, DIOXIN AND CALIFORNIA LIST WASTES

TABLE CCW-CONSTITUENT CONCENTRATION IN WASTES

F001-F005 spent solvent		Waste Water Containing Spent Solvents (in mg/l)	+All other Spent Solvent Wastes (in mg/kg)
Legend #	Constituent Name		
1	Acetone	0.28	160
2	Benzene	0.070	3.7
3	n-Butyl alcohol	5.6	2.6
4	Carbon disulfide	0.014	NA*
5	Carbon tetrachloride	0.057	5.6
6	Chlorobenzene	0.057	5.7
7	Cresol (m- and p- isomers)	0.77	3.2
8	o-Cresol	0.11	5.6
9	Cyclohexanone	0.36	NA*
10	1,2-Dichlorobenzene	0.088	6.2
11	Ethyl acetate	0.34	33
12	Ethyl benzene	0.057	6.0
13	Ethyl ether	0.12	160
14	Isobutyl alcohol	5.6	170
15	Methanol	5.6	NA*
16	Methylene chloride	0.089*	33
17	Methyl ethyl ketone	0.28	36
18	Methyl isobutyl ketone	0.14	33
19	Nitrobenzene	0.068	14
20	Pyridine	0.014	16
21	Tetrachloroethylene	0.056	5.6
22	Toluene	0.08	28
23	1,1,1-Trichloroethane	0.054	5.6
24	1,1,2-Trichloroethane	0.030	7.6
25	Trichloroethylene	0.054	5.6
26	1,1,2-Trichloro-1,2,2,-trifluoroethane	0.057	28
27	Trichloromonofluoro-methane	0.02	33
28	Xylenes (total)	0.32	28

F020-F023 and F026-F028 dioxin Containing Waste

Legend #	Constituent Name		Concentration
34	HxCCD-All Hexachlorodibenzo-p-dioxins	<	1 ppb
35	HxCDF-All Hexachlorodibenzofurans	<	1 ppb
36	PeCDD-All Pentachlorodibenzo-p-dioxins	<	1 ppb
37	PeCDF-All Pentachlorodibenzofurans	<	1 ppb
38	TCDD-All Tetrachlorodibenzo-p-dioxins	<	1 ppb
39	TCDF-All Tetrachlorodibenzofurans	<	1 ppb
40	2,4,5-Trichlorophenol	<	0.05 ppm
41	2,4,6-Trichlorophenol	<	0.05 ppm
42	2,3,4,6-Tetrachlorophenol	<	0.10 ppm
43	Pentachlorophenol	<	0.01 ppm

TABLE CCWE-CONSTITUENT CONCENTRATION IN WASTE EXTRACT

F001-F005 spent solvent		Concentration (in mg/l) Waste Water Containing Spent Solvents	All other Spent Solvent Wastes
Legend #	Constituent Name		
29	Carbon disulfide	NA	4.8
30	Cyclohexanone	NA	0.75
31	Methanol	NA	0.75

NA: NOT APPLICABLE - These treatment standards are based on TOTAL CONCENTRATION (see TABLE CCW with constituent concentration treatment standards).

NOTE: Table CCWE should only be used if the F001-F005 solvent waste ONLY contains one, two, or three of the constituents listed. If ANY of the other constituents listed in table CCW are present, then a TOTAL CONSTITUENT test should be run and the corresponding legend number from TABLE CCW should be used (see instructions).

TECHNOLOGY-BASED STANDARDS FOR F005

Legend #	Constituent Name	Technology Code Waste Waters	Non Waste Waters
32	2-Ethoxyethanol	[1]BIODG; or [2]INCIN	INCIN
33	2-Nitropropane	[3](WETOX or CHOXD)fb CARBN; or INCIN	INCIN

CALIFORNIA LIST WASTES

44	Nickel		134 mg/l
45	Thallium		130 mg/l
46	Cyanide (Liquid)		1000 mg/l
47	Polychlorinated Biphenyls(PCB's)	<	50 mg/l
48	Halogenated Organic Compounds(HOC's)	<	1000 mg/l

SEE BACK FOR LEGENDS 49-261

* The methylene chloride treatment standard for wastewaters generated from pharmaceutical plants is 0.44 mg/l.
NA* These treatment standards are based on TCLP, not total constituent concentration (see TABLE CCWE with TCLP treatment standards).

REVISED: 08/93

1 BIODEGRADATION
2 INCINERATION
3 WET OXIDATION or CHEMICAL OXIDATION followed by CARBON ADSORPTION

+ See 40 CFR § 268.7(b)(5)(iii) for detection limit considerations (FORM C Category 5b)

Phase II

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Shippers Number _____

Carriers Number _____

CARRIER: Laidlaw Environmental Srvcs of CA Inc SCAC Date 3-24-95

TO: Acme Fire Extinguisher
Consignee
Street 1305 Fruitvale Ave
Destination Oakland Zip 94601
510 532-4040

FROM: LCB Associates
Shipper
Street 910 81st Ave Ste A
Origin Oakland, CA Zip 94621

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)
1	x	Fire Extinguishers containing compressed or liquefied gas	2.2	UN1044			NON Flam Gas

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

COD Amt: $

C.O.D. Fee:
Prepaid ☐
Collect ☐ $

NOTE - 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 tariffs in effect on the date of the 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. Per _____

PLACARDS REQUIRED NO

PLACARDS SUPPLIED ☐ YES ☐ NO-FURNISHED BY CARRIER

DRIVER SIGNATURE:

SHIPPER: LCB Associates
PER:
DATE: 3/24/95

CARRIER: LES of CA, Inc
PER: Katherine Hebert for LES
DATE: 3/24/95

FORM # 9-BLS-A (4 PLY)
Revised 11/82

FOR HELP IN CHEMICAL EMERGENCIES INVOLVING SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL-FREE 1-800-424-9300 DAY OR NIGHT

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Phase II

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	CAC000687768
Manifest Document No.	22521
2. Page 1	1 of 2
Information in the shaded areas is not required by Federal law.	
A. State Manifest Document Number	92722521
3. Generator's Name and Mailing Address	LCB ASSOCIATES ORDWAY BLDG ONE KAISER PLAZA SUITE 301, OAKLAND, CA 94612-3603
B. State Generator's ID	HAHQ36053635
4. Generator's Phone	(415) 763-7016
5. Transporter 1 Company Name	LAIDLAW ENVIRONMENTAL SERVICES OF CA, INC.
6. US EPA ID Number	CAD000083121
C. State Transporter's ID	431746
D. Transporter's Phone	(510) 372-4800
7. Transporter 2 Company Name	
8. US EPA ID Number	
E. State Transporter's ID	
F. Transporter's Phone	
9. Designated Facility Name and Site Address	LAIDLAW ENVIRONMENTAL SERVICES SOUTHWEST 1340 WEST LINCOLN STREET PHOENIX, AZ 85007-
10. US EPA ID Number	AZD049318009
G. State Facility's ID	
H. Facility's Phone	(602) 258-6155

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. WASTE HYDROCHLORIC ACID, 8, UN1789, II	001	DM	00055	G	State 791 EPA/Other D002
b. WASTE HYDROCHLORIC ACID, 8, UN1789, II	001	DF	00015	G	State 791 EPA/Other D002
c. WASTE SULFURIC ACID, 8, UN1830, II	003	DF	00125	G	State ~~331~~ 791 EPA/Other D002
d. WASTE CORROSIVE LIQUIDS, POISONOUS, N.O.S., (ACETIC ACID, FORMALDEHYDE), 8, UN2922, II, RQ(D002)	001	DM	estimate 00030	G	State 331 EPA/Other D002

J. Additional Descriptions for Materials Listed Above
Additional a. 950310 m2LCB-106, ~~107~~
EPA Waste b. " -107, ~~108~~
Codes c. " -110, 108, 109
d. " -111

K. Handling Codes for Wastes Listed Above
a. m141 b. m141
c. m141 d. m141

15. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PROTECTIVE CLOTHING WHEN HANDLING MATERIAL
ERG# A)60 B)60 C)39 D)59
Site Address:
910 81st Street Ste A
Oakland Ca 94612
Emergency Contact: Infotrac @ 1-800-535-5053 (515)
Approvals: a. ______ b. ______ c. ______ d. ______

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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	Signature	Month	Day	Year
FERNANDO VELEZ	[signature]	03	24	95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
PETE WEILKE	[signature]	03	24	95

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	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

White: TSDF SENDS THIS COPY TO DTSC
To: P.O. Box 3000 Sacramento

DTSC 8022A (7/92)

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

Form Approved. OMB No. 2050-0039. Expires 9-30-94

UNIFORM HAZARDOUS WASTE MANIFEST *(Continuation Sheet)*

21. Generator's US EPA ID No.: CAC000687768 | Manifest Document No.: 22521 | 22. Page: 2 | Information in the shaded areas is not required by Federal law.

23. Generator's Name
LCB ASSOCIATES
ORDWAY BLDG ONE KAISER PLAZA SUITE 301, OAKLAND, CA 94612-3603
(415) 763-7016

L. State Manifest Document Number: 9272252 1

M. State Generator's ID:

24. Transporter ___ Company Name | 25. US EPA ID Number | N. State Transporter's ID | O. Transporter's Phone

26. Transporter ___ Company Name | 27. US EPA ID Number | P. State Transporter's ID | Q. Transporter's Phone

	HM	28. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	29. Containers No.	29. Containers Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.		WASTE SODIUM HYDROXIDE SOLUTION, 8, UN1824, II	001	DF	00055	G	CA 122 D002/
b.		WASTE SODIUM HYDROXIDE SOLUTION, 8, UN1824, II	002	DM	00140	G	CA 122 D002/
c.		WASTE CORROSIVE SOLIDS, N.O.S., (CHROMIC ACID), 8, UN1759, III, RQ(D007)	001	DF	estimate 00240	P	CA 181 D007/
d.		HAZARDOUS WASTE, SOLID, N.O.S., (LEAD), 9, NA3077, III, RQ(D008)	001	DM	estimate 00450	P	CA 181 D008/
e.		CORROSIVE SOLID, N.O.S., (SODIUM HYDROXIDE), 8, UN1759, III	004	DM	estimate 1400	P	CA 181 Non-RCRA
f.		SODIUM HYDROXIDE, SOLID, 8, UN1823, II	002	DF	estimate 00450	P	CA 181 Non-RCRA
g.		~~WASTE SODIUM HYDROXIDE, SOLID, 8, UN1823, II~~	~~003~~	~~CF~~	~~00003~~	~~Y~~	
h.		NON-RCRA HAZARDOUS WASTE, LIQUID, (OIL)	001	DF	00005	G	CA 221 Non-RCRA
i.		NON-RCRA HAZARDOUS WASTE, SOLID, (NICKEL SULFATE)	001	DM	estimate 00090	P	CA 181 Non-RCRA

S. Additional Descriptions for Materials Listed Above
a) #112 ; 1X55
b) #104, 113 1X55, 1X85
c) #117 ; 1X55
d) #105 ; 1X55
e) #100-101, 115-116 ; 4X55
f) #102, 114 ; 1X55, 1X85
g)
h) #103 ; 1X5
i) #121 ; 1X55

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information
Add. KPA Waste Codes
a. N/A ; ERG #60
b. N/A ; ERG #60
c. N/A ; ERG #60
d. N/A ; ERG #31
e. N/A ; ERG #60
f. N/A ; ERG #60
g. ~~n/a~~
h. N/A ; ERG #N/A
i. N/A ; ERG #N/A

Approval Numbers
a. ___ f. ___
b. ___ g. ___
c. ___ h. ___
d. ___ i. ___
e. ___

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date (Month Day Year)

34. Transporter ___ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

FORM A

Customer Notification And Certification

Generator Name/Location: LCB Associates

EPA I.D. Number: CAC000687268

Waste Profile or ARF Designation: _____

Manifest Number: 92722521

EPA Waste Number(s): D002

Waste Analysis Available? Yes (attached) ____ No X On file at receiving facility ____

Unrestricted Waste Notification (*Category 1*)

Mark the statement below if you generate a waste that is not a land disposal restricted waste (the waste has no applicable treatment standards).

☒ *I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR §268, Subpart D or any applicable prohibitions set forth in 40 CFR §268.32 or RCRA Section 3004(d).*

Restricted Waste/Debris Notification (*Category 2*)

Mark statement (2a) below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards). NOTE-1: A waste may pass one or more standards and require treatment or be varianced for others. In this case, all applicable categories must be checked. NOTE-2: D001, D002 and D012 - D043 wastes must be evaluated for underlying constituents found in 40 CFR §268. 48 (Table UTS), that are reasonably expected to be present. A list of these constituents must be included on FORM B, or attached to and accompany this notification with each waste shipment. Mark statement (2b) if you generate a debris waste that will be treated to the alternate debris standards located in 40 CFR §268.45.

☒ (2a) Restricted Waste Notification

I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR §268 Subpart D. The waste: (a) must be treated to the appropriate regulatory treatment standard by the appropriate regulatory treatment method; (b) qualifies for a variance as described in Category 3 below; or (c) meets some or all of the standards as described in Category 4 below.

☐ (2b) Alternate Debris Treatment Notification: This hazardous debris is subject to the alternate treatment standards of 40 CFR §268.45. The waste contains the following contaminants subject to treatment (check all that apply):

_____§268.45(b)(1) - Toxicity characteristic debris;
_____§268.45(b)(2) - Debris contaminated with listed waste;
_____§268.45(b)(3) - Cyanide reactive debris.

Restricted Waste Variance Notification (*Category 3*)

Mark the statement below and list the applicable variance date on Form B, if you generate a waste which does not require treatment prior to land disposal because of a variance (including a case-by-case extension under 40 CFR §268.5, a nationwide variance under 40 CFR §268 Subpart C, a no migration petition under 40 CFR §268.6, or other applicable variance).

☐ *I notify pursuant to 40 CFR §268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR §268 Subpart C, or a case-by-case extension under 40 CFR §268.5, or an exemption under 40 CFR §268.6.*

Restricted Waste Certification (Treatment Standards Met) (*Category 4*)

Mark the certification statement below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards), and the waste meets the standards as generated. Note: All applicable constituent standards must be accounted for. A waste may pass one or more standards and require treatment or be varianced for other constituents. In this case, all applicable categories must be checked.

☐ *I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA § 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.*

SIGNATURE: _____ DATE: 3/24/95

PRINT NAME: FERNANDO VELEZ TITLE: ENG.

FORM B (*Must be accompanied by Form A*)

Generator Name/Location LCB Associates Page 2 of 2

EPA I.D. Number : CAC000687768 Manifest No.: 92722521

Waste Profile or ARF	Category No.	EPA or State Waste Code	Variance Date	Description/Subcategory	Treatability Group (WW or NWW)	Waste Constituents or Legend #
106,107	2a	D002		Acid managed in a NON CWA	NWW	NONE
108,109,110	2a	D002		Acid managed in a NON CWA	NWW	NONE
111	2a	D002		Acid managed in a Non CWA	NWW	NONE
112,113,114	2a	D002		Alkaline managed in a Non CWA	NWW	NONE
117	2a	D007			NWW	NONE
105	2a	D008			NWW	NONE
101,115,116	1	Ca# 181			NWW	
102,114	1	Ca# 181			NWW	
103	1	Ca# 221			NWW	
121	1	Ca# 181			NWW	

CONSTITUENTS IN SOLVENT, CALIFORNIA LIST AND CHARACTERISTIC WASTES.

1 F005 spent solvents

Legend #	Constituent Name
1	Acetone
2	Benzene
3	n-Butyl alcohol
4	Carbon disulfide
5	Carbon tetrachloride
6	Chlorobenzene
7	Cresol (m-and p-isomers)
8	o-Cresol
9	Cyclohexanone
10	1,2-Dichlorobenzene
11	Ethyl Acetate
12	Ethyl Benzene
13	Ethyl Ether
14	Isobutyl alcohol
15	Methanol
16	Methylene Chloride
17	Methyl Ethyl Ketone
18	Methyl isobutyl ketone
19	Nitrobenzene
20	Pyridine
21	Tetrachloroethylene
22	Toluene
23	1,1,1-Trichloroethane
24	1,1,2-Trichloroethane
25	Trichloroethylene
26	1,1,2-Trichloro-1,2,2-trifluoroethane
27	Trichloromonofluoro-methane
28	Xylenes (total)

Legends 29-31 RESERVED

**If these constituents are present alone or in any combination of the three, then non waste water forms of these constituents must be treated to TCLP levels as indicated in §268.40.*

Technology-Based Standards For F005 when the constituent is the only listed F001-F005 solvent

Legend #	Constituent Name
32	2-Ethoxyethanol
33	2-Nitropropane

Legends 34 - 43 RESERVED

CALIFORNIA LIST WASTES

Legend #	Constituent Name
44	Nickel
45	Thallium
46	Cyanide (Liquid)
47	Liquid Polychlorinated Biphenyls (PCB's)
48	Halogenated Organic Compounds (HOC's)

SEE BACK (FORM B-1) FOR THE UNIVERSAL TREATMENT STANDARDS (UTS), Legends 49 - ?

LEG[illegible] FOR T[illegible]ATM[illegible] STA[illegible]DS C[illegible]NST[illegible]NTS [illegible]39 [illegible] WAS[illegible] AND [illegible] AND [illegible]2 WASTES PROHIBITED UNDER [illegible] CFR [illegible]

Legend #	Constituent Name	Wastewater (mg/l)	Nonwastewater (mg/kg)
49	Acetone	0.28	160
50	Acenaphthalene	0.059	3.4
51	Acenaphthene	0.059	4.0
52	Acetonitrile	0.17	NA
53	Acetophenone	0.010	9.7
54	2-Acetylaminofluorene	0.059	140
55	Acrolein	0.29	NA
56	Acrylonitrile	0.24	84
57	Aldrin	0.021	0.066
58	4-Aminobiphenyl	0.13	NA
59	Aniline	0.810	14
60	Anthracene	0.059	4.0
61	Aramite	0.36	NA
62	Aroclor 1016	0.013	0.92
63	Aroclor 1221	0.014	0.92
64	Aroclor 1232	0.013	0.92
65	Aroclor 1242	0.017	0.92
66	Aroclor 1248	0.013	0.92
67	Aroclor 1254	0.014	1.8
68	Aroclor 1260	0.014	1.8
69	alpha-BHC	0.00014	0.066
70	beta-BHC	0.00014	0.066
71	delta-BHC	0.023	0.066
72	gamma-BHC	0.0017	0.066
73	Benzene	0.140	36
74	Benzo (a) anthracene	0.059	8.2
75	Benzo (b) fluoranthene	0.055	3.4
76	Benzo (k) fluoranthene	0.059	3.4
77	Benzo (g,h,i) perylene	0.0055	1.5
78	Benzo (a) pyrene	0.061	8.2
79	Bromodichloromethane	0.35	15
80	Bromoform	0.63	15
81	Bromomethane (methyl bromide)	0.11	15
82	4-Bromophenyl phenyl ether	0.055	15
83	n-Butanol (n-Butyl alcohol)	5.6	2.6
84	Butyl benzyl phthalate	0.017	7.9
85	2-sec-butyl-4,6-dinitrophenol	0.066	2.5
86	Carbon tetrachloride	0.057	5.6
87	Carbon disulfide	0.014	NA
88	Chlordane	0.0033	0.13
89	p-Chloroaniline	0.46	16
90	Chlorobenzene	0.057	5.7
91	Chlorobenzilate	0.10	NA
92	2-chloro-1,3-butadiene	0.057	NA
93	Chlorodibromomethane	0.057	15
94	Chloroethane	0.27	6.0
95	bis-(2-Chloroethoxy) methane	0.036	7.2
96	bis-(2-Chloroethyl) ether	0.033	7.2
97	Chloroform	0.046	5.6
98	bis-(2-Chloroisopropyl) ether	0.055	7.2
99	p-Chloro-m-cresol	0.018	14
100	Chloromethane (methyl chloride)	0.19	22
101	2-Chloronaphthalene	0.055	5.6
102	2-Chlorophenol	0.044	5.7
103	3-Chloropropene	0.036	28
104	Chrysene	0.059	8.2
105	o-Cresol	0.11	5.6
106	Cresol (m- and p- isomers)	0.77	3.2
107	Cyclohexanone	0.36	NA
108	1,2-dibromo-3-Chloropropane	0.11	15
109	1,2-Dibromoethane (Ethylene dibromide)	0.028	15
110	Dibromomethane	0.11	15
111	2,4-Dichlorophenoxyacetic acid (2,4-D)	0.72	10
112	o,p'-DDD	0.023	0.087
113	p,p'-DDD	0.023	0.087
114	o,p'-DDE	0.031	0.087
115	p,p'-DDE	0.031	0.087
116	o,p'-DDT	0.0039	0.087
117	p,p'-DDT	0.0039	0.087
118	Dibenzo(a,h) anthracene	0.055	8.2
119	Dibenzo(a,e)pyrene	0.061	NA

Legend #	Constituent Name	Wastewater (mg/l)	Nonwastewater (mg/kg)
120	m-Dichlorobenzene	0.036	6.2
121	o-Dichlorobenzene	0.088	6.2
122	p-Dichlorobenzene	0.090	6.2
123	Dichlorodifluoromethane	0.23	7.2
124	1,1-Dichloroethane	0.059	7.2
125	1,2-Dichloroethane	0.21	7.2
126	1,1-Dichloroethylene	0.025	33
127	trans-1,2-Dichloroethylene	0.054	33
128	2,4-Dichlorophenol	0.044	14
129	2,6-Dichlorophenol	0.044	14
130	1,2-Dichloropropane	0.85	18
131	cis-1,3-Dichloropropene	0.036	18
132	trans-1,3-Dichloropropene	0.036	18
133	Dieldrin	0.017	0.13
134	Diethyl phthalate	0.20	28
135	2,4-Dimethyl phenol	0.036	14
136	Dimethyl phthalate	0.047	28
137	Di-n-butyl phthalate	0.057	28
138	1,4-Dinitrobenzene	0.32	2.3
139	4,6-Dinitrocresol	0.28	160
140	2,4-Dinitrophenol	0.12	160
141	2,4-Dinitrotoluene	0.32	140
142	2,6-Dinitrotoluene	0.55	28
143	Di-n-octyl phthalate	0.017	28
144	Di-n-propylnitrosoamine	0.40	14
145	Diphenyl amine	0.52	NA
146	1,2-Diphenyl hydrazine	0.087	NA
147	Diphenylnitrosamine	0.40	NA
148	1,4-Dioxane	0.12	170
149	Disulfoton	0.017	6.2
150	Endosulfan I	0.023	0.066
151	Endosulfan II	0.029	0.13
152	Endosulfan sulfate	0.029	0.13
153	Endrin	0.0028	0.13
154	Endrin Aldehyde	0.025	0.13
155	Ethyl acetate	0.34	33
156	Ethyl benzene	0.057	6.0
157	Ethyl cyanide	0.24	360
158	Ethyl ether	0.12	160
159	bis-(2-Ethylhexyl) phthalate	0.28	28
160	Ethyl methacrylate	0.14	160
161	Ethylene oxide	0.12	NA
162	Famphur	0.017	15
163	Fluoranthene	0.068	8.2
164	Fluorene	0.059	4.0
165	Fluorotrichloromethane	0.020	33
166	Heptachlor	0.0012	0.066
167	Heptachlor epoxide	0.016	0.066
168	Hexachlorobenzene	0.055	37
169	Hexachlorobutadiene	0.055	28
170	Hexachlorocyclopentadiene	0.057	3.6
171	Hexachlorodibenzo-furans	0.000063	0.001
172	Hexachlorodibenzo-p-dioxins	0.000063	0.001
173	Hexachloroethane	0.055	28
174	Hexachloropropene	0.035	28
175	Indeno (1,2,3-c,d) pyrene	0.0055	8.2
176	Iodomethane	0.19	65
177	Isobutanol	5.6	170
178	Isodrin	0.021	0.066
179	Isosafrole	0.081	2.6
180	Kepone	0.0011	0.13
181	Methacrylonitrile	0.24	84
182	Methanol	5.6	NA
183	Methapyrilene	0.081	1.5
184	Methoxychlor	0.25	0.18
185	3-Methylcholanthrene	0.0055	15
186	4,4-Methylene-Bis-(2-chloroaniline)	0.50	35
187	Methylene chloride	0.089	33
188	Methyl ethyl ketone	0.28	36
189	Methyl isobutyl ketone	0.14	33
190	Methyl methacrylate	0.14	160

Legend #	Constituent Name	Wastewater (mg/l)	Nonwaste[illegible] (mg/kg)
192	Methyl parathion	0.014	4.6
193	Naphthalene	0.059	3.1
194	2-Naphthylamine	0.52	NA
195	p-Nitroaniline	0.028	28
196	Nitrobenzene	0.068	14
197	5-Nitro-o-toluidine	0.32	28
198	4-Nitrophenol	0.12	29
199	N-Nitrosodiethylamine	0.40	28
200	N-Nitrosodimethylamine	0.40	NA
201	N-Nitroso-di-n-butylamine	0.040	17
202	N-Nitrosomethylethylamine	0.040	2.3
203	N-Nitrosomorpholine	0.040	2.3
204	N-Nitrosopiperidine	0.013	35
205	N-Nitrosopyrrolidine	0.013	35
206	Parathion	0.014	4.6
207	Pentachlorobenzene	0.055	37
208	Pentachlorodibenzo-furans	0.000063	0.001
209	Pentachlorodibenzo-p-dioxins	0.000063	0.001
210	Pentachloronitrobenzene	0.055	4.8
211	Pentachlorophenol	0.089	7.4
212	Phenacetin	0.081	16
213	Phenanthrene	0.059	3.1
214	Phenol	0.039	6.2
215	Phorate	0.021	4.6
216	Phthalic anydride	0.069	NA
217	Pronamide	0.093	1.5
218	Pyrene	0.067	8.2
219	Pyridine	0.014	16
220	Safrole	0.081	22
221	Silvex (2,3,4-TP)	0.72	7.9
222	2,4,5-T	0.72	7.9
223	1,2,4,5-Tetrachlorobenzene	0.055	19
224	Tetrachlorodibenzo-furans	0.000063	0.00[illegible]
225	Tetrachlorodibenzo-p-dioxins	0.000063	0.00[illegible]
226	1,1,1,2-Tetrachloroethane	0.057	42
227	1,1,2,2-Tetrachloroethane	0.057	42
228	Tetrachloroethylene	0.056	5.6
229	2,3,4,6-Tetrachlorophenol	0.030	37
230	Toluene	0.080	28
231	Toxaphene	0.0095	1.3
232	1,2,4-Trichlorobenzene	0.055	19
233	1,1,1-Trichloroethane	0.054	5.6
234	1,1,2-Trichloroethane	0.054	5.6
235	Trichloroethylene	0.054	5.6
236	2,4,5-Trichlorophenol	0.18	37
237	2,4,6-Trichlorophenol	0.035	37
238	1,2,3-Trichloropropane	0.85	28
239	1,1,2-Trichloro-1,2,2-trifluorethane	0.057	28
240	Tris(2,3-dibromopropyl) phosphate	0.11	NA
241	Vinyl chloride	0.27	33
242	Xylene(s)	0.32	28
243	Cyanides (Total)	1.2	1.8
244	Cyanides (Amenable)	0.86	NA
245	Fluoride	35	NA
246	Sulfide	14	NA
247	Antimony	1.9	0.2[illegible]
248	Arsenic	1.4	5.0
249	Barium	1.2	52#
250	Beryllium	0.82	NA
251	Cadmium	0.20	0.0[illegible]
252	Chromium (Total)	0.37	5.2[illegible]
253	Copper	1.3	NA
254	Lead	0.28	0.[illegible]
255	Mercury	0.15	0.0[illegible]
256	Nickel	0.55	0.[illegible]
257	Selenium	0.82	5.7[illegible]
258	Silver	0.29	0.0[illegible]
259	Thallium	1.4	NA
260	Vanadium	0.042	NA
261	Zinc	1.0	NA

These concentrations are expressed in mg/l and are measured through an [illegible]

1/a 4 b

Determination of Underlying Constituents

Generator Name: LCB Associates Location: Oakland Ca

Waste Name: Hydrochloric Acid Waste Codes: D002

EPA ID #: CAC000687768 Profile #:

In accordance with final Land Disposal Restriction regulations published on May 18, 1993 and September 19, 1994, hazardous wastes which exhibit the characteristics of: D001 (ignitability, escept for D001, High TOC Ignitable Subcategory, TOC > 10%); D002 (corrosivity); and D012 through D043 (toxicity characteristic for pesticides and organics) must be treated to remove the characteristic and for all "underlying constituents" which are reasonably expected to be present in the waste at levels above those listed in 40 CFR Part 268.48, Table UTS - Universal Treatment Standards, at the point of generation of the waste. Generators of these wastes are now responsible for monitoring and identifying, through analysis or documentable knowledge, all underlying constituents reasonably expected to be present in the waste above the UTS level. Wastes exhibiting the characteristics of D004 through D011 (toxicity characteristic for metals) are not affected by this rule.

In order to comply with the requirements of these rules, Laidlaw Environmental Services is requesting all generators whose wastes exhibit one or more of the affected characteristics to review the Universal Treatment Standards table on the back of this form and check the statement which is appropriate for the waste material.

☒ *I certify that this waste does not contain any of the "underlying constituents" indicated in 40 CFR Part 268.48, Table UTS. This certification is supported by:*

- ☐ *Analytical Data (Please provide);*
- ☒ *Generator Knowledge.*

☐ *I certify that this waste meets the Universal Treatment Standards for all "underlying constituents" reasonably expected to be present in this waste. (Please provide analytical data supporting this certification).*

☐ *I notify that this waste does not meet the Univeral Treatment Standards for the following "underlying constituents" and must be treated before this waste can be land disposed. (Please list all applicable legend numbers from the table provided on the back of this form).*

_____

_____

_____

Print Name: FERNANDO VELEZ Signature:

Title: ENG. Date: 3/24/95

11c

Determination of Underlying Constituents

Generator Name: LCB Associates Location: Oakland, Ca

Waste Name: Sulfuric Acid Waste Codes: D002

EPA ID #: CAC000687768 Profile #: _____

In accordance with final Land Disposal Restriction regulations published on May 18, 1993 and September 19, 1994, hazardous wastes which exhibit the characteristics of: D001 (ignitability, except for D001, High TOC Ignitable Subcategory, TOC > 10%); D002 (corrosivity); and D012 through D043 (toxicity characteristic for pesticides and organics) must be treated to remove the characteristic and for all "underlying constituents" which are reasonably expected to be present in the waste at levels above those listed in 40 CFR Part 268.48, Table UTS - Universal Treatment Standards, at the point of generation of the waste. Generators of these wastes are now responsible for monitoring and identifying, through analysis or documentable knowledge, all underlying constituents reasonably expected to be present in the waste above the UTS level. Wastes exhibiting the characteristics of D004 through D011 (toxicity characteristic for metals) are not affected by this rule.

In order to comply with the requirements of these rules, Laidlaw Environmental Services is requesting all generators whose wastes exhibit one or more of the affected characteristics to review the Universal Treatment Standards table on the back of this form and check the statement which is appropriate for the waste material.

☒ *I certify that this waste does not contain any of the "underlying constituents" indicated in 40 CFR Part 268.48, Table UTS. This certification is supported by:*

- ☐ *Analytical Data (Please provide);*
- ☒ *Generator Knowledge.*

☐ *I certify that this waste meets the Universal Treatment Standards for all "underlying constituents" reasonably expected to be present in this waste. (Please provide analytical data supporting this certification).*

☐ *I notify that this waste does not meet the Univeral Treatment Standards for the following "underlying constituents" and must be treated before this waste can be land disposed. (Please list all applicable legend numbers from the table provided on the back of this form).*

_____

_____

_____

Print Name: FERNANDO VELEZ Signature: _____

Title: ENG Date: 3/24/95

11d

Determination of Underlying Constituents

Generator Name: LCB Associates Location: Oakland, Ca

Waste Name: Pickling Acid Waste Codes: D002

EPA ID #: CAC000687768 Profile #: _____

In accordance with final Land Disposal Restriction regulations published on May 18, 1993 and September 19, 1994, hazardous wastes which exhibit the characteristics of: D001 (ignitability, escept for D001, High TOC Ignitable Subcategory, TOC > 10%); D002 (corrosivity); and D012 through D043 (toxicity characteristic for pesticides and organics) must be treated to remove the characteristic and for all "underlying constituents" which are reasonably expected to be present in the waste at levels above those listed in 40 CFR Part 268.48, Table UTS - Universal Treatment Standards, at the point of generation of the waste. Generators of these wastes are now responsible for monitoring and identifying, through analysis or documentable knowledge, all underlying constituents reasonably expected to be present in the waste above the UTS level. Wastes exhibiting the characteristics of D004 through D011 (toxicity characteristic for metals) are not affected by this rule.

In order to comply with the requirements of these rules, Laidlaw Environmental Services is requesting all generators whose wastes exhibit one or more of the affected characteristics to review the Universal Treatment Standards table on the back of this form and check the statement which is appropriate for the waste material.

☒ *I certify that this waste does not contain any of the "underlying constituents" indicated in 40 CFR Part 268.48, Table UTS. This certification is supported by:*

☐ *Analytical Data (Please provide);*

☒ *Generator Knowledge.*

☐ *I certify that this waste meets the Universal Treatment Standards for all "underlying constituents" reasonably expected to be present in this waste. (Please provide analytical data supporting this certification).*

☐ *I notify that this waste does not meet the Univeral Treatment Standards for the following "underlying constituents" and must be treated before this waste can be land disposed. (Please list all applicable legend numbers from the table provided on the back of this form).*

_____

_____

_____

int Name: FERNANDO VEGA Signature: _____

Title: ENG Date: 3/24/95

28 a+b

Determination of Underlying Constituents

Generator Name: LCB Associates Location: Oakland, CA

Waste Name: Sodium Hydroxide Soln. Waste Codes: D002

EPA ID #: CAC000687768 Profile #: _____

In accordance with final Land Disposal Restriction regulations published on May 18, 1993 and September 19, 1994, hazardous wastes which exhibit the characteristics of: D001 (ignitability, except for D001, High TOC Ignitable Subcategory, TOC > 10%); D002 (corrosivity); and D012 through D043 (toxicity characteristic for pesticides and organics) must be treated to remove the characteristic and for all "underlying constituents" which are reasonably expected to be present in the waste at levels above those listed in 40 CFR Part 268.48, Table UTS - Universal Treatment Standards, at the point of generation of the waste. Generators of these wastes are now responsible for monitoring and identifying, through analysis or documentable knowledge, all underlying constituents reasonably expected to be present in the waste above the UTS level. Wastes exhibiting the characteristics of D004 through D011 (toxicity characteristic for metals) are not affected by this rule.

In order to comply with the requirements of these rules, Laidlaw Environmental Services is requesting all generators whose wastes exhibit one or more of the affected characteristics to review the Universal Treatment Standards table on the back of this form and check the statement which is appropriate for the waste material.

☒ *I certify that this waste does not contain any of the "underlying constituents" indicated in 40 CFR Part 268.48, Table UTS. This certification is supported by:*

☐ *Analytical Data (Please provide);*

☒ *Generator Knowledge.*

☐ *I certify that this waste meets the Universal Treatment Standards for all "underlying constituents" reasonably expected to be present in this waste. (Please provide analytical data supporting this certification).*

☐ *I notify that this waste does not meet the Univeral Treatment Standards for the following "underlying constituents" and must be treated before this waste can be land disposed. (Please list all applicable legend numbers from the table provided on the back of this form).*

_____

_____

_____

Print Name: FERNANDO VELEZ Signature: _____

Title: ENG Date: 3/24/95

SERVICES

Absorbants w/ Chromic ... LES-SW

☒ New ☐ Amendment

A. GENERATOR INFORMATION

Generator Name: LCB ASSOCIATES
Facility Address: 910 81st. STREET STE A, OAKLAND, CA
City/County: OAKLAND, ALAMEDA
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHQ36053635

Technical Contact: Katherine Hebert or Kay Smith
Telephone (510) 372-4800 EXT.
Fax (510) 370 7821
Billing Name:
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES, 4501 Pacheco Blvd. Martinez, CA 94553
City State Zip Code
Attention
Telephone ( ) EXT.

B. DOT

Shipping Name: RQ, Waste Corrosive Solids, N.O.S.
Hazard Class: 8
UN/NA No. UN1759 Packing Group: III RQ: 10#

C. RCRA

RCRA Non Hazardous/Exempt? ☐ Yes ☒ No Process Generating: Site closure / remediation
State Waste Codes: 181 EPA Waste Codes: D007

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A69
Form Code: B319
Origin Code: 2
System Type: M141

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70º F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Pyrophoric ☐ Cyanides ☐ Sulfides ☐ Water Reactive ☐ Shock Sensitive ☐ DOT Explosive ☐ Other

Weight Density ______ lbs./gal. (US, liq) 10-15 lbs./cu. foot
Dry Weight ☐ <1.0% ☐ 1-5% ☐ 5-20% ☒ 20-100%

pH ☒ N/A ☐ 0-2 ☐ 2.1-4 ☐ 4.1-10 ☐ 10.1-12.4 ☐ ≥ 12.5 Exact

Dermal Toxicity LD_{50} (Mg/Kg): ☐ ≤40 ☐ >40, ≤200 ☐ >200, ≤1000 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg): ☐ ≤5 ☐ >5, ≤50
Solids: ☐ >50, ≤200 ☒ >200
Liquids: ☐ >50, ≤500 ☐ >500

☐ Gas (Cylinder) ☐ Aerosol ☐ Lab-Pack
☒ Solid 100 % ☐ Sludges % ☐ Free Liquids % — 100%

Flash Point (liquid only): ☐ <73ºF (23ºC) ☐ 73-140ºF (23-60ºC) ☐ 142-200ºF (61-93ºC) ☐ >200ºF (93ºC) ☒ N/A
Boiling Point: ☐ <95ºF (35ºC) ☐ >95ºF (35ºC) ☒ N/A

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☐ Yes ☒ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered
Viscosity: ☐ Low ☐ Medium ☒ High
Odor: ☒ None ☐ Mild ☐ Strong Describe:
Color/Appearance: Varies

BTU/Lb.: N/A

G. METALS

☐ NONE ☒ TCLP (MG/L) ☐ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☒	☐	
Barium	100 mg/L	☒	☐	
Cadmium	1 mg/L	☒	☐	
Chromium	5 mg/L	☐	☒	>5
Copper		☒	☐	
Lead	5 mg/L	☒	☐	
Mercury	0.2 mg/L	☒	☐	
Nickel	134 mg/L	☒	☐	
Selenium	1 mg/L	☒	☐	
Silver	5 mg/L	☒	☐	
Zinc		☒	☐	
Others:				

H. PHYSICAL/CHEMICAL CONSTITUENTS

Absorbants:	80-90%
includes diatomacious	%
earth, silicate based	%
Compounds, + other	%
various non biodegradable	%
absorbants	%
Chromic Acid	10-20%
	%
	%
	%
	%
	100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☒ 1	55 gl. drum	☐	Tanker*
☐	85 gl. drum	☐	Other

Per ☒ 1 Time ☐ Year ☐ Week ☐ Other ☐ Month

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:
I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Generator's Authorized Signature: [signature] Date 3/24/95

ENVIRONMENTAL SERVICES

Nickel Sulfate

☒ New ☐ Amendment #121

A. GENERATOR INFORMATION

Generator Name: LCB ASSOCIATES
Facility Address: 910 81ST. STREET STE A
OAKLAND, CA
City/County: OAKLAND, ALAMEDA
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHA 36053635

Technical Contact: Katherine Hebert or Ray Smith
Telephone (510): 372-4800 EXT.
Fax (510): 370 7821
Billing Name:
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES
4501 Pacheco Blvd.
City: Martinez, CA 94553 State Zip Code
Attention:
Telephone ( ) EXT.

B. DOT Shipping Name: Non RCRA Hazardous Waste Solid
Hazard Class: —
UN/NA No.: — Packing Group: — RQ: —

C. RCRA RCRA Non Hazardous/Exempt? ☐ Yes ☐ No Process Generating:
Site closure / remediation
State Waste Codes: 181 EPA Waste Codes: N/A

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A 69
Form Code: B NR
Origin Code: 2
System Type: M 141

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☒ Solid 100 %
☐ Aerosol ☐ Sludges %
☐ Lab-Pack ☐ Free Liquids %
100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered
Viscosity: ☐ Low ☐ Medium ☒ High
Odor: ☒ None ☐ Mild ☐ Strong Describe:
Color/Appearance: Light Blue

Weight
Density lbs./gal. (US. liq) 10-15 lbs./cu. foot
Dry Weight ☐ <1.0% ☐ 1-5% ☐ 5-20% ☒ 20-100%

pH ☒ N/A ☐ 0-2 ☐ 2.1-4 ☐ 4.1-10 ☐ 10.1-12.5 Exact

Flash Point (liquid only)
☐ <73°F (23°C)
☐ 73-140°F (23-60°C)
☐ 142-200°F (61-93°C)
☐ >200°F (93°C)
☒ N/A

Boiling Point
☐ <95°F (35°C)
☐ >95°F (35°C)
☒ N/A

BTU/Lb. N/A

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ >200, ≤1000
☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)

	☐ ≤5	☐ >5, ≤50
Solids:	☐ >50, ≤200	☒ >200
Liquids:	☐ >50, ≤500	☐ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☐ Yes ☒ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS ☒ NONE ☐ TCLP (MG/L) ☐ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☐	☐	
Chromium	5 mg/L	☐	☐	
Copper		☐	☐	
Lead	5 mg/L	☐	☐	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☐	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	
Others:				

H. PHYSICAL/CHEMICAL CONSTITUENTS

Nickel Sulfate	100	%
		%
		%
		%
		%
		%
(1-30 gal fiber o/p Info 17% / 55 gal metal)		%
		%
		%
		%
	100	%

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☒ 1 DM	55 gl. drum	☐	Tanker*
☐	85 gl. drum	☐	Other

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of decomposition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Generator's Authorized Signature: Date 3/24/95

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☒ Bulk ☐ Mixed Lab

Container Number: 950310MZ LCB 121			Chemist
DOT Shipping Name: NON RCRA HAZARDOUS WASTE, SOLID			596 597 598
Container Type: 17H55	UN/NA Number: —	HM	
Hazard Class: —			

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Nickel Sulfate 30 Gallon fiber	1 x 55 GAL		—
02	over Packed into 17H55	@ 100 LBS		
03				
04				
05				
06				
07				
08	CA# 181			
09				
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This Lab Pack list continues: Yes ☐ No ☒

ENVIRONMENTAL SERVICES

USED OIL

LES-SW

☒ New ☐ Amendment 103

A. GENERATOR INFORMATION

Generator Name: LCB Associates
Facility Address: 910 81st. STREET STE A
OAKLAND, CA
City/County: OAKLAND, ALAMEDA
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHQ 360536351

Technical Contact: Katherine Hebert or Ray Smith
Telephone (510) 372-4800 EXT.
Fax (510) 370 7821
Billing Name:
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES
4501 Pacheco Blvd.
City: Martinez, CA 94553 State: Zip Code:
Attention:
Telephone ( ) EXT.

B. DOT

Shipping Name: Non RCRA Hazardous Waste LIQUID
Hazard Class: 0
UN/NA No.: 0 Packing Group: 0 RQ: 0

C. RCRA

RCRA Non Hazardous/Exempt? ☒ Yes ☐ No Process Generating: Site closure / remediation
State Waste Codes: 221 EPA Waste Codes: N/A

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A 69
Form Code: B WR
Origin Code: 2
System Type: M 1 4 L

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☐	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☐ Solid %
☐ Aerosol ☐ Sludges %
☐ Lab-Pack ☒ Free Liquids 100 %
100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered

Viscosity: ☒ Low ☐ Medium ☐ High

Odor: ☐ None ☒ Mild ☐ Strong Describe: Oil

Color/Appearance: Black

Weight
Density 7-9 lbs./gal. (US, liq) lbs./cu. foot
Dry Weight ☒ <1.0% ☐ 5-20% ☐ 1-5% ☐ 20-100%

pH ☐ N/A ☐ 0-2 ☒ 4.1-10 ☐ ≥ 12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only)
☐ <73°F (23°C)
☐ 73-140°F (23-60°C)
☐ 142-200°F (61-93°C)
☒ >200°F (93°C)
☐ N/A

Boiling Point
☐ <95°F (35°C)
☒ >95°F (35°C)
☐ N/A

BTU/Lb. >5000

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ >200, ≤1000
☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)

	☐ ≤5	☐ >5, ≤50
Solids:	☐ >50, ≤200	☐ >200
Liquids:	☐ >50, ≤500	☒ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☒ Yes ☐ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS

☒ NONE ☐ TCLP (MG/L) ☐ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☐	☐	
Chromium	5 mg/L	☐	☐	
Copper		☐	☐	
Lead	5 mg/L	☐	☐	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☐	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	
Others:				

H. PHYSICAL/CHEMICAL CONSTITUENTS

Oil	100 %
	%
	%
	%
	%
	%
	%
	%
	%
	%
	%
	100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☒ 1 DRUM	5 gl. pail	☐	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☐	55 gl. drum	☐	Tanker*
☐	85 gl. drum	☐	Other

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of decomposition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Generator's Authorized Signature: Date 3/24/95

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☒ Bulk ☐ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 951003 M2 LCB. 103

Chemist: RS

DOT Shipping Name: NON RCRA HAZARDOUS WASTE LIQUID

596 597 598

Container Type: 5 DF

UN/NA Number:

HM

Hazard Class: —

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	USED OIL	1X5 GAL		
02				
03				
04				
05				
06				
07				
08				
09	CA #221			
10				
11				
12				
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This Lab Pack list continues; Yes ☐ No ☒

This is page 1 of 1

ENVIRONMENTAL SERVICES

(Sodium Hydroxide, Solid)

☒ New ☐ Amendment # 102, 114

LES-SW

A. GENERATOR INFORMATION

Generator Name: LCB Associates
Facility Address: 910 81ST. STREET STE A
OAKLAND, CA
City/County: OAKLAND, ALAMEDA
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHQ36053635

Technical Contact: Katherine Hebert or Ray Smith
Telephone (510) 372-4800 EXT.
Fax (510) 370 7821
Billing Name:
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES
4501 Pacheco Blvd.
City: Martinez, CA 94553 State: Zip Code:
Attention:
Telephone ( ) EXT.

B. DOT Shipping Name: Sodium Hydroxide, Solid
Hazard Class: 8
UN/NA No.: UN1823 Packing Group: II RQ:

C. RCRA RCRA Non Hazardous/Exempt? ☐ Yes ☒ No Process Generating:
Site closure / remediation
State Waste Codes: 181 EPA Waste Codes: N/R

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A 69
Form Code: B 306
Origin Code: 2
System Type: M I H L

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☒ Solid 100 %
☐ Aerosol ☐ Sludges %
☐ Lab-Pack ☐ Free Liquids %
100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered

Viscosity: ☐ Low ☐ Medium ☒ High

Odor: ☒ None ☐ Mild ☐ Strong Describe:

Color/Appearance: Varies

Weight
Density lbs./gal. (US, liq) 10-15 lbs./cu. foot
Dry Weight ☐ <1.0% ☐ 5-20% ☐ 1-5% ☒ 20-100%

pH ☐ N/A ☐ 0-2 ☐ 4.1-10 ☒ ≥ 12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only)
☐ <73°F (23°C)
☐ 73-140°F (23-60°C)
☐ 142-200°F (61-93°C)
☐ >200°F (93°C)
☒ N/A

Boiling Point
☐ <95°F (35°C)
☐ >95°F (35°C)
☒ N/A

BTU/Lb. N/A

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ >200, ≤1000 ☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)
☐ ≤5 ☐ >5, ≤50
Solids: ☐ >50, ≤200 ☒ >200
Liquids: ☐ >50, ≤500 ☐ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☐ Yes ☐ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS

☒ NONE ☐ TCLP (MG/L) ☐ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☐	☐	
Chromium	5 mg/L	☐	☐	
Copper		☐	☐	
Lead	5 mg/L	☐	☐	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☐	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	
Others:				

H. PHYSICAL/CHEMICAL CONSTITUENTS

Sodium Hydroxide	95-99 %
debris	1-5 %
	%
1x55 in a 85 % (poly)	%
1x55 (Fiber)	%
	%
	%
	%
	%
	%
	%
	100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☒ 3	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☒ 1 DF	55 gl. drum	☐	Tanker*
☒ 1 DF	85 gl. drum	☐	Other

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of decomposition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Generator's Authorized Signature: Date 3/24/95

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents

ARF No. ______

☒ Bulk ☐ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 95I003MZLCB-102

Chemist: RS

DOT Shipping Name: Sodium Hydroxide, Solid ~~Corrosive Solid NOS~~

596 597 598

Container Type: 17 H 85 Poly ~~OVERPACK~~

UN/NA Number: UN ~~1759~~ 1823

HM: X

Hazard Class: 8, PG III

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	ERACE Heavy duty Electrocleaner			
02	Contain Strong Alkaline Salts.			
03	(Sodium Hydroxide)	1 x 800 LBS.		
04	PH = 14			
05		1X55gal inside		
06		85%		
07				
08				
09				
10	CA # 181			
11				
12				
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This Lab Pack list continues: Yes ☐ No ☒

This is page 1 of 1

FINAL TSD

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents

ARF No. _____

☒ Bulk ☐ Mixed Lab

Container Number: 950310 MZ LCB-114			Chemist
DOT Shipping Name: Sodium Hydroxide, Solid			596 597 598
Container Type: 55 DF	UN/NA Number: UN1823	HM	
Hazard Class: 8 II			

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Sodium Hydroxide (Alumindux	1 x 55 DF		
02	1000)			
03				
04				
05				
06				
07	CA # 181			
08				
09				
10				
11				
12				
13				
14				
15				
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This Lab Pack list continues; Yes ☐ No ☒ This is page 1 of 1

LAIDLAW ENVIRONMENTAL SERVICES

Sodium Hydroxide Chunks

LES-SW

☒ New ☐ Amendment 100, 101, 115, 116

A. GENERATOR INFORMATION

Generator Name: LCB Associates
Facility Address: 910 81st. Street Ste A
Oakland, CA
City/County: Oakland, Alameda
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHQ36053635

Technical Contact: Katherine Hebert or Ray Smith
Telephone (510) 372-4800 EXT.
Fax (510) 370 7821
Billing Name:
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES
4501 Pacheco Blvd.
City: Martinez, CA 94553 State Zip Code
Attention:
Telephone ( ) EXT.

B. DOT Shipping Name: Corrosive Solid, NOS
Hazard Class: 8
UN/NA No.: UN1759 Packing Group: III RQ:

C. RCRA RCRA Non Hazardous/Exempt? ☐ Yes ☒ No Process Generating:
Site closure / remediation
State Waste Codes: 181 EPA Waste Codes: NR

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A 69
Form Code: B 306
Origin Code: 2
System Type: M 14L

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☒ Solid 100 %
☐ Aerosol ☐ Sludges %
☐ Lab-Pack ☐ Free Liquids %
100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered

Viscosity: ☐ Low ☐ Medium ☒ High

Odor: ☒ None ☐ Mild ☐ Strong Describe:

Color/Appearance: Varies

Weight
Density lbs./gal. (US, liq) 10-15 lbs./cu. foot
Dry Weight ☐ <1.0% ☐ 5-20% ☐ 1-5% ☒ 20-100%

pH ☐ N/A ☐ 0-2 ☐ 4.1-10 ☒ ≥ 12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only)
☐ <73°F (23°C)
☐ 73-140°F (23-60°C)
☐ 142-200°F (61-93°C)
☐ >200°F (93°C)
☒ N/A

Boiling Point
☐ <95°F (35°C)
☐ >95°F (35°C)
☒ N/A

BTU/Lb. N/A

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ >200, ≤1000
☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)

Solids:	☐ ≤5	☐ >5, ≤50	
	☐ >50, ≤200	☒ >200	
Liquids:	☐ >50, ≤500	☐ >500	

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☐ Yes ☒ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS

☒ NONE ☐ TCLP (MG/L) ☐ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☐	☐	
Chromium	5 mg/L	☐	☐	
Copper		☐	☐	
Lead	5 mg/L	☐	☐	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☐	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	
Others:				

H. PHYSICAL/CHEMICAL CONSTITUENTS

Sodium Hydroxide Chunks 80-90%
w/ Aluminum Coating 10-20%
% % % % % % % % % %
100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☒ 4	55 gl. drum	☐	Tanker*
☐	85 gl. drum	☐	Other

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Generator's Authorized Signature: Date 3/24/95

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☒ Bulk ☒ Mixed Lab

Container Number: 03 ID 95 MZ LCB 100, 101, 115, 116	Chemist RS
DOT Shipping Name: Corrosive Solid nos	596 597 598
Container Type: 17H55 / UN/NA Number: UN1759 / HM ☒	
Hazard Class: 8, PG III	

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Sodium Hydroxide chunks w/	4 x 55 GAL DM		
02	Aluminum coating			
03				
04	PH= ~~12~~ 12 TO 13			
05				
06				
07				
08	CA			
09				
10	181			
11				
12				
13	4 55 GAL, Drums			
14				
15	# 100, 101, 115, 116			
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This Lab Pack list continues; Yes ☐ No ☒

ENVIRONMENTAL SERVICES

Lead Strips

☒ New ☐ Amendment 105 LES-SW

A. GENERATOR INFORMATION

Generator Name: LCB ASSOCIATES
Facility Address: 910 81ST. STREET STE A
OAKLAND, CA
City/County: OAKLAND, ALAMEDA
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHQ36053635

Technical Contact: Katherine Hebert or Ray Smith
Telephone (510) 372-4800 EXT.
Fax (510) 370 7821
Billing Name:
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES
4501 Pacheco Blvd.
City: Martinez, CA 94553 State: Zip Code:
Attention:
Telephone ( ) EXT.

B. DOT

Shipping Name: RQ, Hazardous Waste Solid, NOS
Hazard Class: 9
UN/NA No.: NA3077 Packing Group: III RQ: 10#

C. RCRA

RCRA Non Hazardous/Exempt? ☐ Yes ☒ No Process Generating: site closure / remediation
State Waste Codes: 191 EPA Waste Codes: D008

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A 69
Form Code: B 319
Origin Code: 2
System Type: M 1 4 L

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☒ Solid 100 %
☐ Aerosol ☐ Sludges %
☐ Lab-Pack ☐ Free Liquids %
100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered

Viscosity: ☐ Low ☐ Medium ☒ High

Odor: ☐ None ☒ Mild ☐ Strong Describe: Acidic

Color/Appearance: Varies

Weight
Density lbs./gal. (US, liq) 10-15 lbs./cu. foot
Dry Weight ☐ <1.0% ☐ 5-20% ☐ 1-5% ☒ 20-100%

pH ☒ N/A ☐ 0-2 ☐ 4.1-10 ☐ ≥ 12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only)
☐ <73°F (23°C)
☐ 73-140°F (23-60°C)
☐ 142-200°F (61-93°C)
☐ >200°F (93°C)
☒ N/A

Boiling Point
☐ <95°F (35°C)
☐ >95°F (35°C)
☒ N/A

BTU/Lb. N/A

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ >200, ≤1000
☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)

	☐ ≤5	☐ >5, ≤50
Solids:	☐ >50, ≤200	☒ >200
Liquids:	☐ >50, ≤500	☐ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☐ Yes ☒ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS

☐ NONE ☒ TCLP (MG/L) ☐ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☒	☐	
Barium	100 mg/L	☒	☐	
Cadmium	1 mg/L	☒	☐	
Chromium	5 mg/L	☒	☐	
Copper		☒	☐	
Lead	5 mg/L	☐	☒	>5
Mercury	0.2 mg/L	☒	☐	
Nickel	134 mg/L	☒	☐	
Selenium	1 mg/L	☒	☐	
Silver	5 mg/L	☒	☐	
Zinc		☒	☐	
Others:				

H. PHYSICAL/CHEMICAL CONSTITUENTS

Lead Strips with	100 %
Residual Sulfuric Acid	%
	%
	%
	%
	%
	%
	%
	%
	%
	%
	%
	100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☒ 1	55 gl. drum	☐	Tanker*
☐	85 gl. drum	☐	Other

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of decomposition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Generator's Authorized Signature: Date 3/24/95

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☒ Bulk ☐ Mixed Lab

Container Number: 950310MZ LCB 105		Chemist
DOT Shipping Name: RQ, HAZARDOUS WASTE SOLID NOS		596 597 598
Container Type: 17 H55	UN/NA Number: NA3077	HM
Hazard Class: 9, III		

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	LEAD STRIPS W/ SULFURIC ACID	1X55 DM		D008
02	RESDUE			
03				
04				
05				
06				
07				
08				
09				
10	CA#			
11	181			
12				
13				
14				
15				
16				
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This Lab Pack list continues; Yes ☐ No ☒ This is page 1 of 1

LAIDLAW ENVIRONMENTAL SERVICES

Sulfuric Acid

LES-SW

☒ New ☐ Amendment # 108, 109, 110

A. GENERATOR INFORMATION

Generator Name: LCB ASSOCIATES
Facility Address: 910 81ST. STREET STE A
OAKLAND, CA
City/County: OAKLAND, ALAMEDA
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHQ 360536 35

Technical Contact: Katherine Hebert or Ray Smith
Telephone (510) 372-4800 EXT.
Fax (510) 370 7821
Billing Name:
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES
4501 Pacheco Blvd.
City: Martinez, CA 94553 State: Zip Code:
Attention:
Telephone ( ) EXT.

B. DOT

Shipping Name: Waste Sulfuric Acid
Hazard Class: 8
UN/NA No.: UN1830 Packing Group: II RQ: 100#

C. RCRA

RCRA Non Hazardous/Exempt? ☐ Yes ☐ No Process Generating:
Site closure / remediation
State Waste Codes: 791 EPA Waste Codes: D002

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A 69
Form Code: B 104
Origin Code: 2
System Type: M 1 4 L

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☐	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☐ Solid %
☐ Aerosol ☐ Sludges %
☐ Lab-Pack ☒ Free Liquids 100 %
100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered

Viscosity: ☒ Low ☐ Medium ☐ High

Odor: ☐ None ☒ Mild ☐ Strong Describe: Acidic

Color/Appearance: Clear

Weight Density 2-9 lbs./gal. (US, liq) lbs./cu. foot
Dry Weight ☒ <1.0% ☐ 5-20% ☐ 1-5% ☐ 20-100%

pH ☐ N A ☒ 0-2 ☐ 4.1-10 ☐ ≥ 12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only)
☐ <73°F (23°C)
☐ 73-140°F (23-60°C)
☐ 142-200°F (61-93°C)
☒ >200°F (93°C)
☐ N/A

Boiling Point
☐ <95°F (35°C)
☒ >95°F (35°C)
☐ N/A

BTU/Lb. <5000

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ >200, ≤1000
☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)

	☐ ≤5	☐ >5, ≤50
Solids:	☐ >50, ≤200	☐ >200
Liquids:	☐ >50, ≤500	☒ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☒ Yes ☐ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS

☒ NONE ☐ TCLP (MG/L) ☐ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☐	☐	
Chromium	5 mg/L	☐	☐	
Copper		☐	☐	
Lead	5 mg/L	☐	☐	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☐	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	
Others:				

H. PHYSICAL/CHEMICAL CONSTITUENTS

Sulfuric Acid	70-80 %
Water	20-30 %
	%
	%
	%
	%
	%
	%
	%
	%
	%
	100 %

(Attach All MSDS. Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☒ 1	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☒ 2	55 gl. drum	☐	Tanker*
☐	85 gl. drum	☐	Other

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this sample.

Generator's Authorized Signature: Date 3/24/95

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents

ARF No. _____

☒ Bulk ☐ Mixed Lab

Container Number: 950310MZ LCB, 108, 109, 110			Chemist
DOT Shipping Name: Waste Sulfuric ~~Acid~~ Acid			596 597 598
Container Type:	UN/NA Number: UN 1830	HM	
Hazard Class: 8, II			

Receiving	Routing	Shipping

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Sulfuric Acid #108 & 109	2 x 55 GAL DF		D002
02	Sulfuric Acid #110	1 x 15 GAL DF		D002
03				
04				
05	CA # 791			
06				
07				
08				
09				
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14				
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This Lab Pack list continues; Yes ☐ No ☒ This is page 1 of 1

LAIDLAW ENVIRONMENTAL SERVICES

Hydrochloric Acid

LES-SW

☒ New ☐ Amendment 106, 107 11a 11b

A. GENERATOR INFORMATION

Generator Name: LCB Associates
Facility Address: 910 81st. Street Ste A
Oakland, CA
City/County: Oakland, Alameda
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHQ36053635

Technical Contact: Katherine Hebert or Ray Smith
Telephone (510) 372-4800 EXT.
Fax (510) 370 7821
Billing Name
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES
4501 Pacheco Blvd.
City Martinez, CA 94553 State Zip Code
Attention
Telephone ( ) EXT.

B. DOT

Shipping Name: Waste Hydrochloric Acid
Hazard Class: 8
UN/NA No.: UN1789 Packing Group: II RQ: 100FT

C. RCRA

RCRA Non Hazardous/Exempt? ☐ Yes ☐ No Process Generating:
Site closure / remediation
State Waste Codes: 791 EPA Waste Codes: D002

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A 69
Form Code: B 104
Origin Code: 2
System Type: M 1 4 L

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☐ Solid %
☐ Aerosol ☐ Sludges %
☐ Lab-Pack ☒ Free Liquids 100 %
100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered
Viscosity: ☒ Low ☐ Medium ☐ High
Odor: ☐ None ☒ Mild ☐ Strong Describe: Acidic
Color/Appearance: Clear

Weight
Density 2-9 lbs./gal. (US, liq) lbs./cu. foot
Dry Weight ☒ <1.0% ☐ 5-20% ☐ 1-5% ☐ 20-100%

pH ☐ N/A ☒ 0-2 ☐ 4.1-10 ☐ ≥ 12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only)
☐ <73°F (23°C)
☐ 73-140°F (23-60°C)
☐ 142-200°F (61-93°C)
☒ >200°F (93°C)
☐ N/A

Boiling Point
☐ <95°F (35°C)
☒ >95°F (35°C)
☐ N/A

BTU/Lb. < 5000

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ >200, ≤1000
☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)

	☐ ≤5	☐ >5, ≤50
Solids:	☐ >50, ≤200	☐ >200
Liquids:	☐ >50, ≤500	☒ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☒ Yes ☐ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS

☒ NONE ☐ TCLP (MG/L) ☐ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☐	☐	
Chromium	5 mg/L	☐	☐	
Copper		☐	☐	
Lead	5 mg/L	☐	☐	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☐	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	
Others:				

H. PHYSICAL/CHEMICAL CONSTITUENTS

Hydrochloric Acid 100 %
%
%
%
%
%
#106 20gal 96% into 55gal %
%
%
%
%
100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☒ 1	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☒ 1	55 gl. drum	☐	Tanker*
☐	85 gl. drum	☐	Other

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:
I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Generator's Authorized Signature: Date 3/24/95

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents

ARF No. _____

☒ Bulk ☐ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310 MZ LCB, 106, 107			Chemist
DOT Shipping Name: Waste Hydrochloric Acid Solution			596 597 598
Container Type:	UN/NA Number: UN 1789	HM	
Hazard Class: 8 Hyd II			

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	#106 Hydrochloric Acid 20 GAL. over packed	1x20		D002
02	into 55 GAL. Drum (metal)			
03				
04				
05	#107 Hydrochloric Acid	15 GAL DF		D002
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16	CA # 791			
17				
18				
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29				
30				

This Lab Pack list continues; Yes ☐ No ☒

ENVIRONMENTAL SERVICES

Pickling Acid
LES-SW

☒ New ☐ Amendment #1(1 11d

A. GENERATOR INFORMATION

Generator Name: LCB ASSOCIATES
Facility Address: 910 81st. STREET STE A
OAKLAND, CA
City/County: OAKLAND, ALAMEDA
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHQ36053635

Technical Contact: Katherine Hebert or Ray Smith
Telephone (510) 372-4800 EXT.
Fax (510) 370 7821
Billing Name:
Billing Address: ~~LAIDLAW ENVIRONMENTAL SERVICES~~
4501 Pacheco Blvd.
Martinez, CA 94553
City State Zip Code
Attention
Telephone ( ) EXT.

B. DOT Shipping Name: Waste Corrosive Liquids, Poisonous NOS
Hazard Class: 8
UN/NA No. UN2922 Packing Group: II RQ: 100#

C. RCRA RCRA Non Hazardous/Exempt? ☐ Yes ☒ No Process Generating: Site closure/remediation
State Waste Codes: 331 EPA Waste Codes: D002

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A 69
Form Code: B 104
Origin Code: 2
System Type: M 14 L

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Pyrophoric ☐ Cyanides ☐ Sulfides ☐ Water Reactive ☐ Shock Sensitive ☐ DOT Explosive ☐ Other

☐ Gas (Cylinder) ☐ Aerosol ☐ Lab-Pack ☐ Solid ___% ☐ Sludges ___% ☒ Free Liquids 100% — 100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered
Viscosity: ☒ Low ☐ Medium ☐ High
Odor: ☐ None ☒ Mild ☐ Strong Describe: Acidic
Color/Appearance: Varies

Weight Density: 7-9 lbs./gal. (US, liq) ___ lbs./cu. foot
Dry Weight: ☒ <1.0% ☐ 1-5% ☐ 5-20% ☐ 20-100%

pH ☐ N/A ☒ 0-2 ☐ 2.1-4 ☐ 4.1-10 ☐ 10.1-12.4 ☐ ≥ 12.5 Exact: 1

Flash Point (liquid only): ☐ <73°F (23°C) ☐ 73-140°F (23-60°C) ☐ 142-200°F (61-93°C) ☒ >200°F (93°C) ☐ N/A

Boiling Point: ☐ <95°F (35°C) ☒ >95°F (35°C) ☐ N/A

BTU/Lb. <5000

Dermal Toxicity LD_{50} (Mg/Kg): ☐ ≤40 ☐ >40, ≤200 ☐ >200, ≤1000 ☒ >1000

4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg): ☐ ≤5 ☐ >5, ≤50
Solids: ☐ >50, ≤200 ☐ >200
Liquids: ☐ >50, ≤500 ☒ 500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☒ Yes ☐ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS ☒ NONE ☐ TCLP (MG/L) ☐ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☐	☐	
Chromium	5 mg/L	☐	☐	
Copper		☐	☐	
Lead	5 mg/L	☐	☐	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☐	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	

Others:

H. PHYSICAL/CHEMICAL CONSTITUENTS

Pickling Acid	25-50%
(Acetic Acid)	---%
Formaldehyde	25-50%
orthotoluidine	25-50%
	100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty. Container: ☐ 5 gl. pail ☐ 15 gl. carboy ☐ 30 gl. drum ☒ 1 ea 55 gl. drum ☐ 85 gl. drum
Qty. Container: ☐ Cubic Yard Box* ☐ Super Sack* ☐ Rolloff/Dump Trailer* ☐ Tanker* ☐ Other

*30 gallon overpacked in 55 gallon Metal

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:
I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Generator's Authorized Signature: [signature] Date 2/24/95

LADLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☒ Bulk ☐ Mixed Lab

Container Number: 950310MZ LCB 111			Chemist RS
DOT Shipping Name: WASTE corrosive liquids, Poisons 596 597 598 liquids			
Container Type: 17H 55	UN/NA Number: UN2922	HM	
Hazard Class: 8 II			

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Pickling acid w/ Formaldehyde	1 x 55 DM		D002
02	ortho toluidine PH=1	Overpark		
03				
04				
05				
06	30 gal fiber OP in 55 DM			
07				
08				
09				
10	CA # 331			
11				
12				
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This Lab Pack list continues; Yes ☐ No ☒ This is page 1 of 1

SERVICES

Sodium Hydroxide, Solid Non LES-SW

☒ New ☐ Amendment -104, 112, 113

A. GENERATOR INFORMATION

Generator Name: LCB ASSOCIATES
Facility Address: 910 81ST. STREET STE A OAKLAND, CA
City/County: OAKLAND, ALAMEDA
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHQ 360536351

Technical Contact: Katherine Hebert or Ray Smith
Telephone (510) 372-4800 EXT.
Fax (510) 370 7821
Billing Name:
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES 4501 Pacheco Blvd.
City: Martinez State: CA Zip Code: 94553
Attention:
Telephone ( ) EXT.

B. DOT

Shipping Name: Waste Sodium Hydroxide, Solution
Hazard Class: 8
UN/NA No.: UN 1824 Packing Group: II RQ: 1000

C. RCRA

RCRA Non Hazardous/Exempt? ☐ Yes ☐ No Process Generating: Site closure / remediation
State Waste Codes: 122 EPA Waste Codes: D002

D. ANNUAL REPORT CODES

SIC Code: 3471
Source Code: A69
Form Code: B110
Origin Code: 2
System Type: M141

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70º F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☐ Solid %
☐ Aerosol ☒ Sludges 1-5 %
☐ Lab-Pack ☒ Free Liquids 95-100 %
100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered
Viscosity: ☒ Low ☐ Medium ☐ High
Odor: ☐ None ☒ Mild ☐ Strong Describe:
Color/Appearance: varies

Weight
Density 13-14 lbs./gal. (US, liq) lbs./cu. foot
Dry Weight ☐ <1.0% ☒ 5-20% ☐ 1-5% ☐ 20-100%

pH ☐ N/A ☐ 0-2 ☐ 4.1-10 ☒ 12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only)
☐ <73ºF (23ºC)
☐ 73-140ºF (23-60ºC)
☐ 142-200ºF (61-93ºC)
☒ >200ºF (93ºC)
☐ N/A

Boiling Point
☐ <95ºF (35ºC)
☒ >95ºF (35ºC)
☐ N/A

BTU/Lb. < 5000

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ >200, ≤1000
☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)

	☐ ≤5	☐ >5, ≤50
Solids:	☐ >50, ≤200	☐ >200
Liquids:	☐ >50, ≤500	☒ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☐ Yes ☐ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS

☐ NONE ☐ TCLP (MG/L) ☒ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☐	☐	
Chromium	5 mg/L	☐	☐	
Copper		☐	☐	
Lead	5 mg/L	☐	☐	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☐	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	
Others:				

H. PHYSICAL/CHEMICAL CONSTITUENTS

Sodium hydroxide	60-80%
water	10-30%
	%
	%
	%
	%
	%
	%
	%
	%
	%
	%
	100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☒ 10	55 gl. drum	☐	Tanker*
☒ 10M	85 gl. drum	☒ 1	Other 20 gal drum overpacked in a 55gal DM

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this file.

Generator's Authorized Signature: Date 3/24/95

LAIDLAW ENVIRONMENTAL SERVICES

Container Contents

ARF No. _____

☒ Bulk ☐ Mixed Lab

Receiving	Routing	Shipping
SW		

Container Number: 950310MZ LCB-112.113			Chemist RJ
DOT Shipping Name: Waste Sodium Hydroxide Solution			596 597 598
Container Type:	UN/NA Number: UN 1824	HM	
Hazard Class: 8, II			

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Sodium hydroxide #112	1 X DF-55		D002
02	Sodium hydroxide #113			D002
03	(20 gal. overpacked into DM-55)			
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17	CA 122			
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

This Lab Pack list continues; Yes ☐ No ☒

This is page 1 of 1

LAIDLAW ENVIRONMENTAL SERVICES Container Contents

ARF No. _____

☒ Bulk ☐ Mixed Lab

Container Number: 951003MZ LCB 104		Chemist RS
DOT Shipping Name: Waste Sodium Hydroxide Solution		596 597 598
Container Type: 85 OP DM	UN/NA Number: P 1824	HM X
Hazard Class: 8, PG II		

Receiving	Routing	Shipping
SW		

Line No.	Material Description	Material Quantity	RQ	EPA Waste Code Number
01	Sodium Hydroxide Solution	1 x 55 DM		D002
02	PH=13	in an 85 O/P		
03				
04				
05				
06				
07	CA # 122			
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

This Lab Pack list continues; Yes ☐ No ☒

This is page 1 of 1

FINAL T.S.D.

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6. Phase II

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAC990168776 — Manifest Document No.: 81356
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: LCB Associates, 910 Eighty-First Ave, Ste. A, Oakland, CA 94612
4. Generator's Phone: (510) 763-7016

A. State Manifest Document Number: 92718356
B. State Generator's ID: HAHQ360536351

5. Transporter 1 Company Name: LAIDLAW ENVIRONMENTAL SERVICES OF CA, INC.
6. US EPA ID Number: CAD000083121

C. State Transporter's ID: 429399
D. Transporter's Phone: (510) 372-4800

7. Transporter 2 Company Name:
8. US EPA ID Number:

E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: LAIDLAW ENVIRONMENTAL SERVICES, SOUTHWEST, 1340 W. LINCOLN STREET, PHOENIX, AZ 85007
10. US EPA ID Number: AZD049318009

G. State Facility's ID:
H. Facility's Phone: (602) 258-6155

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Waste Charcoal, 4.2, NA1361, PG III	001	DM	00200	P	State 352; EPA/Other D001
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above: a) 950310MZLCB-18 Lab Pack

K. Handling Codes for Wastes Listed Above: a. b. c. d.

15. Special Handling Instructions and Additional Information: WEAR APPROPRIATE PROTECTIVE CLOTHING WHEN HANDLING MATERIAL.

ERG #32

24 HOUR EMERGENCY #1-800/535-5053 (515)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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	Signature	Month	Day	Year
FERNANDO VELEZ	[signature] CONSULTANT FOR LCB ASSOCIATES	03	23	95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
RAY SMITH	[signature]	03	23	95

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	Signature	Month	Day	Year

GENERATOR — TRANSPORTER — FACILITY

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

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (7/92)
EPA 8700—22

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

Phase II

...nia—Environmental Protection Agency
... OMB No. 2050-0039 (Expires 9-30-94)
...type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000687768 | Manifest Document No. 18317 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: LCB Associates, 910 Eighty-First Ave., Ste. A, Oakland, CA 94621
Generator's Phone (510 7163-7016

A. State Manifest Document Number: 92718317
B. State Generator's ID: HAHQ3600513635
C. State Transporter's ID: 429399
D. Transporter's Phone: 510 372-4800
E. State Transporter's ID:
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone: 602 258-6155

5. Transporter 1 Company Name: Laidlaw Environmental Services of CA, Inc. | 6. US EPA ID Number: CAD000083121
7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address: Laidlaw Environmental Services, Southwest, 1340 West Lincoln Street, Phoenix, AZ 85007 | 10. US EPA ID Number: AZD049318009

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Sodium hydroxide, solid, 8, UN1823, PG II	003	CF	00003	Y	State 181 EPA/Other Non-RCRA
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above: 950310M2LC8-118,119,120

K. Handling Codes for Wastes Listed Above: a. | b. | c. | d.

15. Special Handling Instructions and Additional Information

Wear proper protective clothing.
24 hour emergency phone # (800)535-5053(515)

ERG# 60

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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: FERNANDO VELEZ F.V. | Signature: Ray Smith | Month 01 | Day 23 | Year 95

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: RAY SMITH F.V. | Signature: CONSULTANT FOR LCB ASSOC. | Month 01 | Day 23 | Year 95

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 | Signature | Month | Day | Year

DO NOT WRITE BELOW THIS LINE.

...92)

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

THIS WASTE DOES NOT CONTAIN ANY DIOXINS, CHLORINATED FURANS, EXPLOSIVES OR RADIOACTIVE MATERIALS. TO9 - INCINERATION

Container Contents

☒ Bulk ☐ Lab Pack RQ _____

	YEAR	MONTH	DAY	CODE	NUMBER	
Container Number:	95	03	10	MZLCB	-118,119,120	Chemist

DOT Shipping Name:	Sodium Hydroxide, solid nos		Absorbent C (V) O
Container Type: Triwall	Size:	UN/NA Number: UN1823	HM
Hazard Class: 8, II			

		TK	DS
Profile Number			
Disposal Site	SW		
Approval Code			
Reactive Wt.			

Line No.	Material Description	PS	Material Quantity	I.C.	EPA Waste Code Number
01	Sodium Hydroxide solid,		3 EA		
02	in Triwall Boxes #118,				
03	#119, #120				
04					
05					
06	CA# 181				
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
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23					
24					
25					
26					
27					
28					

ABSORBENT
C - CORN COB
V - VERMICULITE
O - OTHER

PS - PHYSICAL STATE
L - LIQUID / POURABLE
S - SOLID
X - SLUDGE

IC - INTERNAL CONTAINER
G - GLASS M - METAL
P - PLASTIC F - PAPER

This Lab Pack list continues: Yes ☐ No ☑ This is page 1 of 1

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAC000697768	21543		

GENERATOR

3. Generator's Name and Mailing Address
LCB Associates
Ordway Bldg. One Kaiser Plaza, Ste 301
Oakland, CA 94612-3603

4. Generator's Phone (510) 763-7016

5. Transporter 1 Company Name
Laidlaw Environmental Services of CA, Inc.

6. US EPA ID Number
CAD008312121

7. Transporter 2 Company Name
Den Beste Transportation Inc.

8. US EPA ID Number
CAD982513632

9. Designated Facility Name and Site Address
Laidlaw Environmental Services(Imperial Valley), Inc.
5295 South Garvey Road
Westmorland, CA 92281

10. US EPA ID Number
CAD000633164

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON RCRA Hazardous Waste Solid (plastic, steel, wood debris)	001	CM	12700	P
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information
Wear proper protective clothing when handling.
24 hour emergency phone # (800)535-5053(515)

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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	Signature	Month	Day	Year
F. VANOS VEGA		03	24	95

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Katherine Hebert	Katherine Hebert	03	24	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Steven Mann	Steven Mann	03	29	95

FACILITY

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	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

LAIDLAW ENVIRONMENTAL SERVICES

NAME OF WASTE STREAM: WATER With TRACE metals — MATERIAL PROFILE NO.: FOR LCB ASS. 3/26/96

☒ New ☐ Amendment — EMERGANCY LOAD AS SAMPLE X

A. GENERATOR INFORMATION

Generator Name: LCB ASSOCIATES
Facility Address: 910 81ST AVE
City/County: OAKLAND / ALAMEDA
State: CA Zip Code: 94612
USEPA ID#: CAC 000 687768
State ID#: HAHQ 300 53635

Technical Contact:
Telephone ( ): EXT.
Fax ( ):
Billing Name:
Billing Address: LAIDLAW ENVIRONMENTAL SERVICES ~~4501 Pacheco Blvd.~~
City: ~~Martinez, CA 94553~~ Zip Code:
Attention:
Telephone ( ): EXT.

B. DOT

Shipping Name: NON RCRA HAZARDOUS WASTE LIQUID
Hazard Class: N/A
UN/NA No.: N/A Packing Group: N/A RQ: N/A

C. RCRA

RCRA Non Hazardous/Exempt? ☒ Yes ☐ No Process Generating: SITE CLEANUP / CLOSURE
State Waste Codes: 132 EPA Waste Codes: NONE

D. ANNUAL REPORT CODES

SIC Code:
Source Code: A
Form Code: B
Origin Code:
System Type: M

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☐	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☐ Solid %
☐ Aerosol ☒ Sludges 0-1 %
☐ Lab-Pack ☒ Free Liquids 99-100 %
100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered
Viscosity: ☒ Low ☐ Medium ☐ High
Odor: ☐ None ☒ Mild ☐ Strong Describe:
Color/Appearance: clear / milky

Weight Density 8-9 lbs./gal. (US, liq) lbs./cu. foot
Dry Weight ☒ <1.0% ☐ 5-20% ☐ 1-5% ☐ 20-100%

pH: ☐ N/A ☐ 0-2 ☒ 4.1-10 ☐ ≥ 12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only): ☐ <73°F (23°C) ☐ 73-140°F (23-60°C) ☐ 142-200°F (61-93°C) ☒ >200°F (93°C) ☐ N/A
Boiling Point: ☐ <95°F (35°C) ☒ >95°F (35°C) ☐ N/A

BTU/Lb. < 1,000

Dermal Toxicity LD_{50} (Mg/Kg): ☐ ≤40 ☐ >200, ≤1000 ☐ >40, ≤200 ☒ >1000
4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg):

	≤5	>5, ≤50
Solids:	☐ >50, ≤200	☐ >200
Liquids:	☐ >50, ≤500	☒ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☒ Yes ☐ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS

☐ NONE ☐ TCLP (MG/L) ☒ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☒	☐	
Chromium	5 mg/L	☒	☐	
Copper		☒	☐	
Lead	5 mg/L	☒	☐	
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☒	☐	
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	
Others:				

H. PHYSICAL/CHEMICAL CONSTITUENTS

WATER	98-100 %
DIRT	0-2 %
CADMIUM	< .01 %
CHROMIUM	< .01 %
LEAD	< .01 %
NICKEL	< .01 %
COPPER	< .01 %
	%
	%
EMERGANCY	%
LOAD AS SAMPLE	%
	100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☐	55 gl. drum	☒ 1	Tanker*
☐	85 gl. drum	☐	Other

Per ☒ 1 Time ☐ Week ☐ Month ☐ Year ☐ Other

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:
I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of nposition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this ofile.

Generator's Authorized Signature: FOR LCB ASSOCIATES — Date 3/26/96
FERNANDO VELEZ

3-26-1996 5:22PM FROM LAIDLAW MZ ACCTG 408 437 9150

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC000687758 | Manifest Document No. 109 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
LCB ASSOCIATES
KAISER PLAZA, ONE KAISER PLAZA, SUITE 301, OAKLAND, CA 94612-3603

4. Generator's Phone (415) 763-7016

5. Transporter 1 Company Name | 6. US EPA ID Number
LAIDLAW ENVIRONMENTAL SERVICES OF CA, INC. | CAD000083121

7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address | 10. US EPA ID Number
USPCI TREATMENT & RECOVERY
1021 BERRYESSA ROAD
SAN JOSE, CA 95133 | CAD059493430

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	State / EPA Waste Numbers
a. NON-REGULATED HAZARDOUS WASTE, LIQUID, (WATER WITH TRACE METALS)	001	TT	00174	G	State 132 / EPA (Other) NON-RCRA
b.					State / EPA (Other)
c.					State / EPA (Other)
d.					State / EPA (Other)

J. Additional Descriptions for Materials Listed Above | K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Site: 910 81st Ave. Oakland, CA.
WEAR APPROPRIATE CLOTHING WHEN HANDLING MATERIAL
ERG# A; N/A
Emergency Contact: Infotrac # 1-800-535-5053 (515)
Approvals: a. b. c. d.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of the 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 federal, state and international laws.

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.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
FERNANDO VELEZ	FOR LCB ASSOCIATES	03	27	96

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
GARY ARASA		03	27	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

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	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

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

92491109

DTSC 8022A (7/92)
EPA 8700—22

Yellow: GENERATOR RETAINS

LAIDLAW ENVIRONMENTAL SERVICES

FORM A

Customer Notification And Certification

Page ___ of ___

Generator Name/Location: LCB ASSOCIATES

EPA I.D. Number: CAC 000 633 768

Waste Profile or ARF Designation: _____

Manifest Number: 9271909

EPA Waste Number(s): NONE

Waste Analysis Available? Yes (attached) _____ No X On file at receiving facility _____

Unrestricted Waste Notification (*Category 1*)

Mark the statement below if you generate a waste that is not a land disposal restricted waste (the waste has no applicable treatment standards).

☑ *I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR §268, Subpart D or any applicable prohibitions set forth in 40 CFR §268.32 or RCRA Section 3004(d).*

Restricted Waste/Debris Notification (*Category 2*)

Mark statement (2a) below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards). NOTE-1: A waste may pass one or more standards and require treatment or be varianced for others. In this case, all applicable categories must be checked. NOTE-2: D001, D002 and D012 - D043 wastes must be evaluated for underlying constituents found in 40 CFR §268. 48 (Table UTS), that are reasonably expected to be present. A list of these constituents must be included on FORM B, or attached to and accompany this notification with each waste shipment. Mark statement (2b) if you generate a debris waste that will be treated to the alternate debris standards located in 40 CFR §268.45.

☐ **(2a) Restricted Waste Notification**

I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR §268 Subpart D. The waste: (a) must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method; (b) qualifies for a variance as described in category 3 below; or (c) meets some or all of the standards as described in Category 4 below.

☐ **(2b) Alternate Debris Treatment Notification: This hazardous debris is subject to the alternate treatment standards of 40 CFR §268.45.**

The waste contains the following contaminants subject to treatment [check all that apply]:

_____ §268.45(b)(1) - Toxicity characteristic debris;

_____ §268.45(b)(2) - Debris contaminated with listed waste;

_____ §268.45(b)(3) - Cyanide reactive debris.

Restricted Waste Variance Notification (*Category 3*)

Mark the statement below and list the applicable variance date on Form B, if you generate a waste which does not require treatment prior to land disposal because of a variance (including a case-by-case extension under 40 CFR §268.5, a nationwide variance under 40 CFR §268 Subpart C, a no migration petition under 40 CFR §268.6, or other applicable variance).

☐ *I notify pursuant to 40 CFR §268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR §268 Subpart C, or a case-by-case extension under 40 CFR §268.5, or an exemption under 40 CFR §268.6.*

Restricted Waste Certification (Treatment Standards Met) (*Category 4*)

Mark the certification statement below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards), and the waste meets the standards as generated. Note: All applicable constituent standards must be accounted for. A waste may pass one or more standards and require treatment or be variance for other constituents. In this case, all applicable categories must be checked.

☐ *I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA § 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.*

SIGNATURE: [signature] FOR LCB ASSOCIATES DATE: 3/27/96

PRINT NAME: FERNANDO LEIEZ TITLE: ENGINEER

LAIDLAW ENVIRONMENTAL SERVICES

1040 Commercial Street
Suite 109
San Jose, CA 95112
OFFICE: (408) 451-5000
FAX: (408) 453-6045

FAX COVER SHEET

To: Fernando Valley

Fax #: 510-268-0137

Company: Re: LCB Associates

Date: 4/4/96 Time:

From: Bette Sweeney

Number of Sheets (including this one) 6

Comments: Here are corrections made to manifest & LDR's.

Thankyou,
Bette Sweeney

If you experience problems with this transmittal, please contact Alicia Morrison at (408) 451-5000.

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas
CAC000687681 9	109	1 of 1	is not required by Federal law.

GENERATOR

3. Generator's Name and Mailing Address
LCB ASSOCIATES
[illegible] 2ND KAISER PLAZA, SUITE 301, OAKLAND, CA 94612-3603

4. Generator's Phone (415) 763-7016

5. Transporter 1 Company Name
LAIDLAW ENVIRONMENTAL SERVICES OF CA, INC.

6. US EPA ID Number
CAD000083121

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
[illegible] TREATMENT & RECOVERY
[illegible] BERRYESSA ROAD
[illegible]

10. US EPA ID Number
CAD059494310

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	Waste Numbers
NON-RCRA HAZARDOUS WASTE, LIQUID, (WATER WITH TRACE METALS)	001	TT	00174	G	State 132
					EPA/Other Non-RCRA
b.					State
					EPA/Other
c.					State
					EPA/Other
d.					State
					EPA/Other

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above
99
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
Site: 910 81st Ave.
Oakland, CA.
WEAR APPROV[illegible]
BNG# A) N/A
A) 99/15/01/03

Emergency Contact: Infotrac # 1-800-535-5053 (515)

Approvals: a. _____ b. c. d.

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of the 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 federal, state and international laws.

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	Signature	Month	Day	Year
FERNANDO VELEZ	FOR LCB ASSOCIATES	03	27	96

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
GARY ARASA	Gary Arasa	03	27	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

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. 1045 LCB43

Printed/Typed Name	Signature	Month	Day	Year
Tracey M. Torres	Tracey M. Torres	03	28	96

DO NOT WRITE BELOW THIS LINE.

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

DTSC 8022A (7/92)
EPA 8700—22

LAIDLAW - San Jose Service Center

DISCREPANCY NOTIFICATION FORM

Dear Valued Customer,

LAIDLAW - San Jose has received and reviewed your Manifest number 92719109 . The following discrepancies were noted during ur review which require your attention. Although these are not " significant discrepancies " as defined by State and Federal regulations, this information is rovided as a customer service. All " significant discrepancies " are noted in Item 19 on your manifest.

MANIFEST - Federal Information

- ____ Item 1. Generator's EPA ID# (incomplete/incorrect)
- ____ Item 1. Manifest document number (incomplete/incorrect)
- ____ Item 2. Page number (incomplete/incorrect)
- ____ Item 3. Generator's name/mailing address (incomplete/incorrect)
- ____ Item 4. Generator's phone number (incomplete/incorrect)
- ____ Item 5. Transporter 1 name (incomplete/incorrect)
- ____ Item 6. Transporter 1 EPA ID# (incomplete/incorrect)
- ____ Item 7. Transporter 2 name (incomplete/incorrect)
- ____ Item 8. Transporter 2 EPA ID# (incomplete/incorrect)
- ✓ Item 9. Designated facility name/address (incomplete/incorrect/see below) Solvent Service Co, Inc. dba Laidlaw
- ____ Item 10. Designated facility EPA ID# (incomplete/incorrect)
- ____ Item 11. US DOT description (incomplete/incorrect/see below)
- ____ Item 12. Container No.____ Type____ (incomplete/incorrect)
- ____ Item 13. Total quantity (incomplete/incorrect)
- ____ Item 14. Unit wt./vol. (incomplete/incorrect)
- ____ Item 15. Special handling/Add. info. [*incl. Emerg. Contact*] (incomplete/incorrect)
- ____ Item 16. Generator's certification (incomplete/incorrect)
- ____ Item 17. Transporter 1 acknowledgement (incomplete/incorrect)
- ____ Item 18. Transporter 2 acknowledgement (incomplete/incorrect)

MANIFEST - State Information

- ____ Item A. State manifest document # (missing)
- ____ Item B. State generator's ID (missing/incorrect)
- ____ Item C. State transporter's [#1] ID (missing/incorrect)
- ____ Item D. Transporter's phone [#1] (missing/incorrect)
- ____ Item E. State transporter's [#2] ID (missing/incorrect)
- ____ Item F. Transporter's phone [#2] (missing/incorrect)
- ____ Item G. State facility's ID (missing/incorrect)
- ____ Item H. Facility's phone (missing/incorrect)
- ____ Item I. Waste No. [*State and/or Federal waste codes*] (missing/incorrect)
- ✓ Item J. Additional description [*incl. Acceptance Number*] (missing/incorrect/see below)

Other: 11a) SJ96-0624 - ok per TCW Fernando Velez 4/4/96

Other: 9) 1021 Berryessa Rd San Jose, CA 95133 } illegible on manifest

Your cooperation in making these corrections on future shipments is greatly appreciated. We believe this will help you comply with State and Federal manifest requirements and also help facilitate our management of your next shipment(s). *We look forward to your continued business!*

White - originator Canary - customer

LAIDLAW ENVIRONMENTAL SERVICES

NAME OF WASTE STREAM: WATER WITH TRACE METALS

MATERIAL PROFILE NO.: SJ96-0624

☐ New ☐ Amendment Status: APPROVED ☐ LQG ☐ SQG ☐ CSQG

A. GENERATOR INFORMATION

Generator Name: L C B ASSOCIATES
Facility Address: 910 81ST STREET #18
City/County: OAKLAND / BETTENCOURT, JACK
State: CA Zip Code: 94612
USEPA ID#: CAC000687768
State ID#: HAHQ36053635

Technical Contact: JERRY ALEXANDER
Telephone(510) 268-0461 EXT.
Fax( ) -
Billing Name: LAIDLAW ENVIRONMENTAL SERVICES INC
Billing Address: 4601 PACHECO BLVD
City: MARTINEZ State: CA Zip Code: 94553
Attention:
Telephone( ) EXT.

B. DOT

Shipping Name: NON-RCRA HAZARDOUS WASTE, LIQUID
Tech. Con.:
Hazard Class: Zone: Label Req:
UN/NA No.: NONE-CA Packing Group: RQ:

C. RCRA

RCRA Non Hazardous/Exempt? ☒ Yes ☐ No Process Generating: SITE CLEAN UP/CLOSURE
State Waste Codes: 132 EPA Waste Codes: NONE

D. ANNUAL REPORT CODES

SIC Code:
Source Code: A
Form Code: B
Origin Code:
System Type: M

E. OTHER COMPONENTS

	No	Yes	Total ppm
PCB's	☒	☐	
Cyanides	☒	☐	
Sulfides	☒	☐	
Pesticides	☒	☐	
Phenolics	☒	☐	
Dioxins	☒	☐	
Halogens	☒	☐	%

F. PHYSICAL CHARACTERISTICS AT 70° F

1. Infectious or Biological Waste? ☐ Yes ☒ No
2. NRC Regulated Radioactive? ☐ Yes ☒ No
3. Reactivity ☒ None ☐ Water Reactive ☐ Pyrophoric ☐ Shock Sensitive ☐ Cyanides ☐ DOT Explosive ☐ Sulfides ☐ Other

☐ Gas (Cylinder) ☐ Solid %
☐ Aerosol ☐ Sludges %
☐ Lab-Pack ☒ Free Liquids 99-100 %
100%

Layers: ☒ Single Layered ☐ Bi-layered ☐ Multi-layered

Viscosity: ☒ Low ☐ Medium ☐ High

Odor: ☐ None ☒ Mild ☐ Strong Describe:

Color/Appearance: CLEAR/MILKY

Weight
Density 8-9 lbs./gal.(US,liq) lbs./cu. foot
Dry Weight ☒ <1.0% ☐ 5-20% ☐ 1-5% ☐ 20-100%

pH ☐ N/A ☐ 0-2 ☒ 4.1-10 ☐ ≥12.5 ☐ 2.1-4 ☐ 10.1-12.4 Exact

Flash Point (liquid only)
☐ <73°F (23°C)
☐ 73-140°F (23-60°C)
☐ 142-200°F (61-93°C)
☒ >200°F (93°C)
☐ Exact

Boiling Point
☐ <95°F (35°C)
☒ >95°F (35°C)
☐ Exact

BTU/Lb.
<1000

Dermal Toxicity LD_{50} (Mg/Kg)
☐ ≤40 ☐ <200,≤1000
☐ >40,≤200 ☒ >1000

4. Material poisonous by inhalation? ☐ Yes ☒ No

Oral Toxicity LD_{50} (Mg/Kg)
☐ ≤5 ☐ >5,≤50
Solids: ☐ >50,≤200 ☐ >200
Liquids: ☐ >50,≤500 ☒ >500

5. Is this waste stored in vented drums? ☐ Yes ☒ No
6. Is this waste pumpable? ☒ Yes ☐ No
7. Is this waste polymerizable? ☐ Yes ☒ No
8. Is waste stream subject to the National Emission Standards for Benzene Waste Operations (40 CFR 61 Subpart FF)? ☐ Yes ☒ No
9. Is this waste regulated as an ozone depleting substance (40 CFR part 82)? ☐ Yes ☒ No
10. Does this waste contain scrap metal pieces greater than 2 inches in size? ☐ Yes ☒ No

G. METALS

☐ NONE ☐ TCLP (MG/L) ☒ TOTAL (PPM)

	Reg. Limit	Below	Above	Range
Arsenic	5 mg/L	☐	☐	
Barium	100 mg/L	☐	☐	
Cadmium	1 mg/L	☐	☐	<1
Chromium	5 mg/L	☐	☐	<5
Copper		☐	☐	
Lead	5 mg/L	☐	☐	<5
Mercury	0.2 mg/L	☐	☐	
Nickel	134 mg/L	☐	☐	<134
Selenium	1 mg/L	☐	☐	
Silver	5 mg/L	☐	☐	
Zinc		☐	☐	
Others:		☐	☐	

H. PHYSICAL/CHEMICAL CONSTITUENTS

WATER	99-100 %
OIRT	0-2 %
	%
	%
	%
	%
	%
	%
	%
	%
	%
	%
	100 %

(Attach All MSDS, Sample Analysis and Additional Info.)

I. ANTICIPATED VOLUME

Qty.	Container	Qty.	Container
☐	5 gl. pail	☐	Cubic Yard Box*
☐	15 gl. carboy	☐	Super Sack*
☐	30 gl. drum	☐	Rolloff/Dump Trailer*
☐	55 gl. drum	☒ 1.00	Tanker*
☐	85 gl. drum	☐	Other

Per ☐ 1 Time ☐ Week ☐ Month ☐ Year ☒ Other OT

(*) Is this waste regulated as a Marine Pollutant (49 CFR 171.8)? ☐ Yes ☒ No

Generator's Certification:

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition properties exist and that all known or suspected hazards have been disclosed. I certify that the materials tested are representative of all material described by this profile.

Internal Use Only - No Signature Needed Date 03/26/96

LAIDLAW ENVIRONMENTAL SERVICES

NON-RCRA

NON-RCRA WASTE NOTIFICATION & CERTIFICATION FORM FOR COMPLIANCE WITH THE CALIFORNIA 22 CCR CHAPTER 18 LAND DISPOSAL RESTRICTION (LDR) TREATMENT STANDARDS

INSTRUCTIONS: Complete all portions of Part I. If the waste is *non-hazardous*, then complete only the applicable portions in Part I and then sign and date the Form B at the bottom of page #2. Mark (✓) the appropriate box in Part II, the appropriate box in Part III, and then sign and date this Form B at the bottom of page #2. To complete this form correctly, only one box should be marked in Part II and *probably* only one box in Part III.

I. GENERAL INFORMATION REGARDING GENERATOR & WASTE STREAM:

As required by 22 CCR § 66268.7(a), the following information is submitted to Laidlaw Environmental Services for waste accepted at either the Lokern facility or the Imperial Valley facility to comply with the required generator notification and certification requirements associated with the Non-RCRA land disposal restriction treatment standards applicable to the waste stream referenced below:

GENERATOR'S NAME: LCB ASSOCIATES PHONE: 415-763-7016

SITE LOCATION: 910 81ST AVE

GENERATOR'S WASTE PROFILE NUMBER: SJ96-0024 (AB)

IS THIS WASTE *NON*-HAZARDOUS? ☒ NO, ☐ YES *(If YES, stop here and sign/date form at the bottom of page #2)*

GENERATOR'S EPA ID #: CAC000687768 MANIFEST #: 92719109

CALIFORNIA WASTE CODE(S): 132 *(for RCRA wastes, use Laidlaw FORM A)*

THIS NOTIFICATION & CERTIFICATION IS BASED ON THE FOLLOWING WASTE STREAM INFORMATION:

☐ (A) CHEMICAL/PHYSICAL ANALYSIS OF THE WASTE: ☒ (B) GENERATOR KNOWLEDGE OF THE WASTE; OR ☐ (C) BOTH

II. TYPE OF NON-RCRA LDR NOTIFICATION/CERTIFICATION:

☐ 1. ◄ **NOTIFICATION ONLY: NON-RCRA WASTES THAT CURRENTLY REQUIRE TREATMENT TO MEET THE 22 CCR ARTICLE 11 TREATMENT STANDARDS:** = 22 CCR §66268.7(a)(1)

☒ 2. ◄ **NOTIFICATION & CERTIFICATION: NON-RCRA WASTE THAT MEETS THE 22 CCR ARTICLE 11 TREATMENT STANDARDS, NO ADDITIONAL TREATMENT REQUIRED:** = 22 CCR §66268.7(a)(2)

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification, that the waste complies with the treatment standards specified in CCR Title 22, Division 4.5, Chapter 18, Articles 4 and 11 and all applicable prohibitions set forth in CCR Title 22, Section 66268.32 or RCRA Section 3004(d)(42 U.S.C. Section 6924(d)). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine or imprisonment.

☐ 3. ◄ **NOTIFICATION ONLY: NON-RCRA WASTE SUBJECT TO AN APPROVED VARIANCE, VARIANCE EXTENSION, OR EXEMPTION TO THE 22 CCR ARTICLE 11 TREATMENT STANDARDS:**

► **DATE WASTE IS SUBJECT TO PROHIBITION:** January 1, 1995 = 22 CCR §66268.7(a)(3)

Note from Laidlaw: Recent legislation, SB-611 (Calderon, 1992), requires pursuant to H&SC § 25179.7(e), all generators of waste subject to a treatment standard which has had the effective date of the required treatment delayed by a variance extension must provide DTSC ("the Department"), not Laidlaw, with the following information during the period of the variance extension: 1. A summary report describing the generator's efforts to prevent or reduce generation of hazardous waste; and, 2. A schedule for implementing technically feasible and economically practical source reduction measures for hazardous waste exempted under this determination. DTSC has developed a simple short reporting form for generators called the "SB-611 Report" form that can be obtained from DTSC to meet this requirement. This form can be obtained by calling the DTSC Land Disposal Restrictions Unit at (916) 322-3501.

☐ 4. ◄ **NOTIFICATION & CERTIFICATION: NON-RCRA WASTE THAT HAS BEEN TREATED AT AN OFF-SITE TREATMENT FACILITY SO AS TO MEET ALL APPLICABLE 22 CCR ARTICLE 11 TREATMENT STANDARDS:** = 22 CCR §66268.7(b)(5)

I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification, that the waste complies with the treatment standards specified in CCR Title 22, Division 4.5, Chapter 18, Articles 4 and 11 and all applicable prohibitions set forth in CCR Title 22, Section 66268.32 or RCRA Section 3004(d)(42 U.S.C. Section 6924(d)). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of a fine or imprisonment

► **NOTE: OFF-SITE TREATMENT FACILITIES MUST ALSO CERTIFY AS PER 22 CCR §66268.7(b)(5)(A-C)**

►►► turn over to complete next side

LAIDLAW ENVIRONMENTAL SERVICES

Customer Notification And Certification

FORM A

Page 1 of 1

Generator Name/Location: LCB ASSOCIATES

EPA I.D. Number: CAC 000 687768

Waste Profile or ARF Designation: SJ90-0624 (A)

Manifest Number: 92719109

EPA Waste Number(s): NONE

Waste Analysis Available? Yes (attached) _____ No X On file at receiving facility _____

Unrestricted Waste Notification (*Category 1*)

Mark the statement below if you generate a waste that is not a land disposal restricted waste (the waste has no applicable treatment standards).

☒ *I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR §268, Subpart D or any applicable prohibitions set forth in 40 CFR §268.32 or RCRA Section 3004(d).*

Restricted Waste/Debris Notification (*Category 2*)

Mark statement (2a) below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards). NOTE-1: A waste may pass one or more standards and require treatment or be varianced for others. In this case, all applicable [illegible] in 40 CFR §268. 48 (Table UTS), that are reasonably expected to be present. A list of these constituents must be included on FORM B, or attached to and accompany this notification with each waste shipment. Mark statement (2b) if you generate a debris waste that will be treated to the alternate debris standards located in 40 CFR §268.45.

☐ **(2a) Restricted Waste Notification**

I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR §268 Subpart D. The waste: (a) must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method; (b) qualifies for a variance as described in category 3 below; or (c) meets some or all of the standards as described in Category 4 below.

☐ **(2b) Alternate Debris Treatment Notification: This hazardous debris is subject to the alternate treatment standards of 40 CFR §268.45.**

The waste contains the following contaminants subject to treatment [check all that apply]:

_____ **§268.45(b)(1)- Toxicity characteristic debris;**

_____ **§268.45(b)(2)- Debris contaminated with listed waste;**

_____ **§268.45(b)(3)- Cyanide reactive debris.**

Restricted Waste Variance Notification (*Category 3*)

Mark the statement below and list the applicable variance date on Form B, if you generate a waste which does not require treatment prior to land disposal because of a variance (including a case-by-case extension under 40 CFR §268.5, a nationwide variance under 40 CFR §268 Subpart C, a no migration petition under 40 CFR §268.6, or other applicable variance).

☐ *I notify pursuant to 40 CFR §268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR §268 Subpart C, or a case-by-case extension under 40 CFR §268.5, or an exemption under 40 CFR §268.6.*

Restricted Waste Certification (Treatment Standards Met) (*Category 4*)

Mark the certification statement below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards), and the waste meets the standards as generated. Note: All applicable constituent standards must be accounted for. A waste may pass one or more standards and require treatment or be variance for other constituents. In this case, all applicable categories must be checked.

☐ *I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA § 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.*

SIGNATURE: [signature] FOR LCB ASSOCIATES DATE: 3/27/96

PRINT NAME: FERNANDO LOPEZ TITLE: ENGINEER

Revised 10/94 585-7510-585003

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1	Information in the shaded areas is not required by Federal law.
CAC000687768	19106	1 of 1	

GENERATOR

3. Generator's Name and Mailing Address
LCH ASSOCIATES
GEARY BLDG. ONE KAISER PLAZA, SUITE 101, OAKLAND, CA 94612-3601

4. Generator's Phone (415) 763-7016

5. Transporter 1 Company Name
LAIDLAW ENVIRONMENTAL SERVICES OF CA, INC.

6. US EPA ID Number
CAD000083121

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
LES (IMPERIAL VALLEY), INC
9339 SOUTH CARVEY P.O. BOX 158
WESTMORLAND, CA 92281

10. US EPA ID Number
CAD000633154

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
Non-RCRA HAZARDOUS WASTE, SOLID, (OSHRIS)	001	CM	00005	YI
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information
WEAR APPROPRIATE CLOTHING WHEN HANDLING MATERIAL.
ERG# A1 N/A
S.E. LOCATION
910 81 AVE
OAKLAND, CA
Emergency Contact: Infotrac # 1-800-535-5053 (515).
Approvals: a. c. d

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of the 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 federal, state and international laws.

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	Signature	Month	Day	Year
FERNANDO VELEZ Jr.	for LCH ASSOC.	03	27	96

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
DALE CHANDLER		03	27	96

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

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	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

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

DTSC 8022A (7/92)
EPA 8700—22

Yellow: GENERATOR RETAINS

LAIDLAW ENVIRONMENTAL SERVICES

FORM A

Customer Notification And Certification

Page ___ of ___

Generator Name/Location: LCB ASSOCIATES 960 81ST AVE OAKLND CA

EPA I.D. Number: CAC 000 687 768

Waste Profile or ARF Designation: _____

Manifest Number: 9271906

EPA Waste Number(s): NONE

Waste Analysis Available? Yes (attached) _____ No X On file at receiving facility _____

Unrestricted Waste Notification (*Category 1*)

Mark the statement below if you generate a waste that is not a land disposal restricted waste (the waste has no applicable treatment standards).

☒ *I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is not restricted as specified in 40 CFR §268, Subpart D or any applicable prohibitions set forth in 40 CFR §268.32 or RCRA Section 3004(d).*

Restricted Waste/Debris Notification (*Category 2*)

Mark statement (2a) below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards). NOTE-1: A waste may pass one or more standards and require treatment or be varianced for others. In this case, all applicable categories must be checked. NOTE-2: D001, D002 and D012 - D043 wastes must be evaluated for underlying constituents found in 40 CFR §268. 48 (Table UTS), that are reasonably expected to be present. A list of these constituents must be included on FORM B, or attached to and accompany this notification with each waste shipment. Mark statement (2b) if you generate a debris waste that will be treated to the alternate debris standards located in 40 CFR §268.45.

☐ **(2a) Restricted Waste Notification**

I notify that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that the waste is subject to the treatment standards specified in 40 CFR §268 Subpart D. The waste: (a) must be treated to the appropriate regulatory treatment standard, by the appropriate regulatory treatment method; (b) qualifies for a variance as described in category 3 below; or (c) meets some or all of the standards as described in Category 4 below.

☐ **(2b) Alternate Debris Treatment Notification: This hazardous debris is subject to the alternate treatment standards of 40 CFR §268.45.**

The waste contains the following contaminants subject to treatment [check all that apply]:

_____§268.45(b)(1)- Toxicity characteristic debris;

_____§268.45(b)(2)- Debris contaminated with listed waste;

_____§268.45(b)(3)- Cyanide reactive debris.

Restricted Waste Variance Notification (*Category 3*)

Mark the statement below and list the applicable variance date on **Form B**, if you generate a waste which does not require treatment prior to land disposal because of a variance (including a case-by-case extension under 40 CFR §268.5, a nationwide variance under 40 CFR §268 Subpart C, a no migration petition under 40 CFR §268.6, or other applicable variance).

☐ *I notify pursuant to 40 CFR §268.7(a)(3) that I am familiar with the waste through analysis and testing or through knowledge of the waste to support this notification that this waste is subject to a national capacity variance under 40 CFR §268 Subpart C, or a case-by-case extension under 40 CFR §268.5, or an exemption under 40 CFR §268.6.*

Restricted Waste Certification (Treatment Standards Met) (*Category 4*)

Mark the certification statement below if you generate a waste that is restricted from land disposal (the waste has applicable treatment standards), and the waste meets the standards as generated. Note: All applicable constituent standards must be accounted for. A waste may pass one or more standards and require treatment or be variance for other constituents. In this case, all applicable categories must be checked.

☐ *I certify under penalty of law that I personally have examined and am familiar with the waste through analysis and testing or through knowledge of the waste to support this certification that the waste complies with the treatment standards specified in 40 CFR Part 268 Subpart D and all applicable prohibitions set forth in 40 CFR 268.32 or RCRA § 3004(d). I believe that the information I submitted is true, accurate and complete. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.*

SIGNATURE: FOR LCB ASSOCIATES DATE: 3/27/96

PRINT NAME: FERNANDO VELEZ TITLE: ENGINEER

DISPATCH WORK TICKET

Dispatch Order: 31458
Dispatch Seq : 2.0

O Number : 23078B
WO Sequence : 2.0
quipment Type: BINUNIT

LAIDLAW ENVIRONMENTAL
SERVICES OF CA., INC.
4501 Pacheco Blvd
MARTINEZ CA 94553
(408) 451-5170

Trailer : 15013T
Equipment type: BINUNIT
Location : MARTINEZ,CA
-Addition Info : MARTINEZ,CA

Driver : DALE CANNON
Tractor: 19015
DropBox: 5307
PickupBox:

vent Location : LCB ASSOCIATES [LCBOAK]
Address 1 : 81ST AVE.
-Address 2 :
City,State : OAKLAND,CA 94623-
Telephone : ( ) -
-Contact :

vent : PICK UP/RETURN LOAD TO YARD
Event Date : 03/27/96
Event Time : 09:30

Dispatch Date : 03/26/96
Dispatch Time : 20:50

isposal Work Order:

Customer PO:

ime Arrival: 0945 Time Departure: 1330 Total Time: 3 3/4

ondition of Drums & Material: good

Manifest: 92719106 T.S.D.F:

anker Cleaning Time:

Reason for Demurrage: Load bin loaded at 1130 - wait for generator to sign paperwork

Beginning Mileage: 07358 Ending Mileage: —

Signed for LCB ASSOCIATES Customer Representative

Dale Cannon Laidlaw Representative

TSDF Representative