

**ERICKSON, Inc.**

**Industrial Waste Disposal and Cleaning Management Service Since 1942**

FINAL CLOSURE REPORT  
of the  
CHROMEX PLATING FACILITY

Site Visit 5/17/94

No Trichloro  
Tetrachloro

Safety Clean-up - reuse

**FINAL CLOSURE REPORT  
OF THE  
CHROMEX PLATING FACILITY**

Prepared for  
**CHARLES LOWE COMPANY  
1400 PARK AVENUE  
EMERYVILLE, CALIFORNIA 94608-0445**

For submittal to  
**ALAMEDA COUNTY HEALTH AGENCY  
DIVISION OF HAZARDOUS MATERIALS  
80 SWAN WAY, ROOM 200  
OAKLAND, CALIFORNIA 94621**

Prepared by  
**EXCEL TRANS, INC.  
P.O. BOX 866  
290 WEST CHANNEL ROAD  
BENICIA, CALIFORNIA 94510-0866**

**NOVEMBER 1, 1992**

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**FINAL CLOSURE REPORT  
OF THE  
CHROMEX PLATING FACILITY**

**1400 PARK AVENUE  
EMERYVILLE, CALIFORNIA 94608-0445  
(510) 652-5900**

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**1 INTRODUCTION**

The Chromex plating facility was a hard chrome plating shop located at 1400 Park Avenue, Emeryville, California. An area, vicinity, and site map of the Chromex facility are located in Appendix A. In January 1991 Chromex ceased all chrome plating operations and contracted Excel Trans, Inc. to perform a complete plant closure and facility decommissioning.

Excel Trans prepared and submitted to the Alameda County Health Agency (ACHA) on April 5, 1991 the "Technical Proposal and Workplan for Chromex" (hereafter called workplan) for the closure. Documented in the May 22, 1991 ACHA amendment, ACHA gave verbal approval of the workplan, and Excel Trans began closure activities on April 22, 1991. On April 17, 1992, Excel Trans submitted to ACHA a second amendment which outlined additional work at the site. The additional work commenced on June 19, 1992 and included demolition of the structure and vault. All closure activities at the site have been performed according to the ACHA approved workplan and amendments, and are documented in this report.

**2 PROJECT OVERVIEW**

The Chromex closure was a complete facility decommissioning and closure. Closure included the following activities:

- removal and disposal of tank contents
- removal and decontamination of equipment
- removal and/or decontamination of structural surfaces
- removal of concrete vault
- sampling of decontaminated equipment and surfaces for residue levels

The removal and disposal of tank contents was performed according to all applicable local, state, and federal regulations. Tank contents were transferred to D.O.T. containers, loaded onto registered hazardous waste haulers, and disposed at an EPA permitted treatment facility. After disposal of tank contents, workers commenced decontaminating equipment.

Equipment was washed with high pressure water, field tested for contaminant residue levels, and sorted for proper disposal. Disposition of decontaminated equipment included both nonhazardous and hazardous disposal.

During equipment cleaning, workers began decontaminating the concrete vault, steel structure, and building surfaces. However, cleaning the structure did not bring contaminant residue levels below the specified target limits. As a result, Excel Trans submitted an amendment to ACHA on April 17, 1992 which outlined the necessary steps to demolish the building structure and concrete vault. ACHA approved the amendment, and demolition of the vault began on April 29, 1992.

At present, all Chromex equipment, piping, structural supports, siding, and roofing have been transported from the site and disposed of according to all applicable local, state, and federal regulations. Only two structural surfaces remain at the site: the southern brick wall and 2/3 of the grade-level concrete floor. Analysis of samples of the washed brick wall confirm that the wall was decontaminated to acceptable residue levels (Appendix G). Further, results of a subsurface soil investigation performed in October 1992 will be used to assess the status of the grade-level concrete flooring.

The following sections of this report present details and documentation of closure activities at the site.

### **3 OVERVIEW OF SAMPLING, TESTING, AND DISPOSITION OF WASTE**

Throughout the decontamination and dismantling process, waste was categorized as hazardous or nonhazardous and was accumulated and handled accordingly. Categorizing waste was accomplished by testing residue levels of representative samples to confirm that approved cleaning levels had been achieved.

Testing of samples included both field testing at the site and analyses at a California DHS certified laboratory. Field testing was limited to test strips for pH, chromium, and oxidizer characteristic. Certified chemical laboratory analysis of grab, rinse, and composite samples were tested for metals and pH using EPA test methods.

Testing of residue levels was used as a tool to categorize decontaminated equipment as either hazardous or nonhazardous waste. Both field and analytical tests results were used to classify waste. Residual levels for pH, chrome, and oxidizer characteristic and the corresponding waste category are outlined in Table I.

TABLE I  
CRITERIA FOR CLASSIFICATION

TEST RESULTS	CLASSIFICATION
chrome: < 2ppm pH: 5 - 10 oxidizer: negative	Target residue levels for cleaned structural surfaces. Acceptable to leave at the site.
chrome: < 5 ppm ph: 5 - 10 oxidizer: negative	Nonhazardous waste for cleaned structural surfaces.
chrome: ≥ 5ppm	Hazardous waste for structural surfaces.

Once waste was classified, it was handled and disposed of according to all applicable local, state, and federal regulations. For example, structural surfaces that met the acceptable residue level of <2ppm chrome were left at the site. In addition, waste that was classified as nonhazardous was disposed of at Class III landfill, wood recycling, or metal reclamation facility. Waste that was classified as hazardous waste was sent to EPA permitted disposal facilities.

Moreover, the disposition of hazardous waste defined as organic and inorganic debris was disposed of at Envirosafe Services of Idaho under the EPA national capacity variance for Third Third debris (55 FR 22556, June 1, 1990 and 55 FR 22650, June 1, 1991).

Documentation of hazardous and nonhazardous waste disposal is located in Appendix C and D respectively. Documentation of the disposal of waste includes the following:

- manifests
- metal reclamation receipts
- wood recycling receipts
- scavenger receipts

A list of disposal facilities and their descriptions is outlined in Table II, page 4.



TABLE II

## HAZARDOUS &amp; NONHAZARDOUS DISPOSAL FACILITIES

DISPOSAL FACILITY	FACILITY DESCRIPTION
Norris Environmental Services 5215 So. Boyle Avenue Los Angeles, CA 90058	EPA permitted treatment facility for liquids EPA ID Number CAD097030993
US Ecology Highway 95 Beatty, NV 29003	EPA permitted Class I landfill EPA ID Number NVT330010000
Envirosafe Services of Idaho 10.5 miles Northwest of Grandview Missile Base Road Grandview, ID 83624	EPA permitted Class I landfill EPA ID Number IDD073114654
Aptus 11600 North Aptus Road Aragonite, UT 04029	EPA permitted incinerator EPA ID Number UTD981552177
Forward Landfill 9999 So. Austin Road Stockton, CA 95215	California Permitted Class III landfill CAL EPA ID Number CAD990794133
Sharon Metal San Jose, CA	Scrap recycler for metal reclamation
Oakland Scavenger / Davis Street Transfer Station / Altamont Landfill 2000 Embarcadero, #101 Oakland, CA 94606	Local Class III landfill
Major Salvage Company 3237 Fernside Boulevard Alameda, CA 94501	Wood recyclers

#### **4 SITE PREPARATION**

Prior to the commencement of all work at the Chromex facility, the site was prepared for environmental remediation activities. Site preparation included training employees in project safety procedures, securing the site, and building a contamination reduction zone (CRZ) and temporary berm.

Employee training included hazardous waste worker training and site specific safety training. Excel Trans' employees received 40-hour OSHA training for hazardous waste workers (29 CFR 1910.120) and one hour of safety instructions specific to health and safety concerns at the Chromex facility. Site specific training included instruction in chemical and physical hazards, personal protective equipment, respirator training, hazard mitigation, and general safe work practices. In addition, the Site Safety Officer instructed employees on the routes to the nearest medical clinic and hospital.

After the site safety meeting was given, and before closure work activities began, Excel Trans' employees secured the Chromex site with a chain-link temporary fence. Installation of the fence restricted site access and served as a security measure for on-site storage of remediation equipment.

After the site was secured, an electrician locked-out the power supply, and Excel Trans workers constructed the CRZ and temporary berm. The CRZ was a temporary structure with separate personal protective equipment, shower/decontamination, and clean locker rooms. Site personnel were required to enter and exit through the CRZ.

The temporary berm was constructed simultaneously with the construction of the CRZ. The temporary leak proof berm enclosed the entire inside perimeter of the plating shop. The purpose of the berm was to collect and contain excess rinsate from decontamination of the equipment, piping, and surfaces.

Once the site was prepared for work activities, the workers mobilized equipment and began work activities as described in the workplan and amendments.

#### **5 REMOVAL AND DISPOSAL OF TANK CONTENTS**

Prior to closure, the Chromex facility contained eight aboveground tanks which contained plating, etching, and stripping solutions. Table III lists the volume, construction material, and contents of all eight tanks.

TABLE III

VOLUME, CONSTRUCTION MATERIAL, & CONTENTS OF TANKS

VOLUME (Gallons)	CONSTRUCTION MATERIAL	CONTENTS
3600 Gallons	Steel	Chrome Plating Solution
3200	Steel	Chrome Plating Solution
3200	Steel	Chrome Plating Solution
2800	Steel	Chrome Plating Solution
750	Polyethylene	20% Sodium Hydroxide
120	Polyethylene	20% Hydrochloric Acid
100	Polyethylene	20% Sulfuric Acid
60	Polyethylene	20% Hydrochloric Acid

TABLE IV

MANIFESTS AND SHIPPING DATES FOR TRANSPORT OF TANK CONTENTS  
AND RINSATE

SHIPPING DATE	MANIFEST No.	DESCRIPTION	QUANTITY (GALLONS)
April 1, 1991	89887237	Rinsate	3,800
April 5, 1991	89887229	Chrome plating solution	4,200
April 8, 1991	89924867	Chrome plating solution	4,000
April 24, 1991	89924866	Chrome plating solution	1,000
May 29, 1991	90328817	Stripping solution	880
June 9, 1991	90328916	Chrome plating solution	330
July 12, 1991	90328987	Rinsate	4000
May 5, 1992	91716485	Rinsate	550

Beginning in April 1991, all plating, etching, and stripping solutions were pumped from the above listed tanks into vacuum trucks and were transported to Norris Environmental Services. In addition to the tank contents, rinsate contaminated with chromium which was generated during decontamination of equipment was also sent to Norris for disposal. Prior to transport, all containers were packaged, labeled, and handled according to all applicable local, state, and federal regulations. In addition, all loads were shipped on a California hazardous waste manifest as required by federal and state regulations. A registered hazardous waste hauler, Excel Trans, transported the tank contents to Norris. Table IV lists the manifests and shipping dates for shipment of tank contents and rinsate to Norris. Copies of all manifests are located in Appendix C.

## **6 REMOVAL AND DECONTAMINATION OF PROCESS AND RELATED EQUIPMENT**

Process and related equipment at the site was removed and decontaminated prior to disposal. Equipment at the site consisted of the following:

- process and electrical piping
- fume scrubber
- rectifiers, boilers, heat exchanger, overhead crane
- polyethylene tanks
- steel tanks with rubber liners

Disposal methods for decontaminated equipment included metal reclamation, Class III landfill, and Class I landfill. Except for the rectifiers, equipment was not remarketed.

Metal piping and other metal equipment that was amenable to decontamination was cut into sections and cleaned with a high pressure steam washer. As discussed in Section 5, all wash water from metal decontamination was collected and stored on site for disposal at Norris Environmental Services. Final rinse water from decontamination was field tested for pH, chromium, and oxidizer characteristic. After field tests were performed on the final rinse water, decontaminated metallic items that met acceptable residue levels (Table I, page 3) were sent to metal reclamation for disposal. Typically, copper piping was cleaned to less than 5 ppm (Appendix E) by pressure washing, and was sent to metal reclamation. Items that were decontaminated but exceeded 5 ppm chrome (e.g.: the fume scrubber and heat exchanger) were placed in a bin for disposal at Envirosafe Services of Idaho. Nonmetallic equipment, such as polyethylene tanks and rubber tank liners, were placed directly in bins for transportation and disposal at Envirosafe Services of Idaho. Manifests documenting hazardous waste disposal are located in Appendix C.

## **7 DECONTAMINATION AND REMOVAL OF STRUCTURAL SURFACES**

The plating room was a steel frame structure with wood siding and roofing. The north, east, and west sides of the structure were wood. The south side of the structure was a brick and glass

wall. In order to preserve the structure for later use, attempts were made to decontaminate structural surfaces in-place. Except for the southern brick wall, decontamination proved ineffective.

A pilot study for in-place decontamination confirmed that washing wood surfaces would be ineffective in reducing the chrome concentration to acceptable residue levels. For example, analysis (EPA method 1311 and 6010) of unwashed and washed wood from a pilot study showed a chrome concentration of 1,740 ppm and 121 ppm respectively (Appendix F). Thus, the siding was disposed of as hazardous waste at Envirosafe Services of Idaho.

Roofing material was removed from the structure and representative samples were field tested for residue levels (Appendix E). Roofing was found to meet acceptable residue levels and was categorized as nonhazardous. Roofing material was placed in bins for disposal to a Class III landfill and wood recycling facility. Documentation for disposal of roofing material by Oakland Scavenger is located in Appendix D.

The steel I-beams, crane, cross beams, and channel iron were removed to complete the demolition of the structure. Once removed, steel and iron pieces were decontaminated with high pressure water and sorted for disposal. Steel and iron that was below 5ppm chrome was sent to Sharon Metals for metal reclamation. Metal that field tested at 5ppm chrome or higher (Appendix E) was placed in the hazardous waste bin for disposal at Envirosafe Services of Idaho.

The southern brick and glass wall which adjoined the Charles Lowe manufacturing area was successfully decontaminated with high pressure water and was left in place. All rinsate was collected on site and disposed of according to regulations. Certificates of analysis documenting that the wall was cleaned to less than 2 ppm chrome are located in Appendix G.

## **8 INSPECTION OF FLOORS AND VAULT FOR CRACKS**

After equipment was removed, the concrete floor and vault were inspected for cracks. The inspection revealed shallow surface cracks in the grade level and vault floors. Subsequently, surficial soil samples were taken at grade level. Complete results of the analysis, borehole locations, and chain-of-custody have been submitted to ACHA in the "Workplan for Initial Subsurface Investigation", July 24, 1992.

As a result of the surficial soil sampling and analysis, a subsurface investigation was completed in November of 1992 (see "Workplan for Initial Subsurface Investigation" submitted to ACHA on July 24, 1992). A final report documenting the results of the subsurface soil investigation was prepared for Charles Lowe for submittal to ACHA on November 4, 1992.

## **9 REMOVAL OF CONCRETE SURFACES AND THE CONCRETE VAULT**

The closure workplan submitted to ACHA specified decontamination of the concrete floor and vault. However, attempts to decontaminate the concrete surfaces proved ineffective. Excel Trans submitted an amendment to remove the vault and concrete surfaces.

Concrete surfaces were not amenable to chemical cleaning. For example, analysis performed after chemical cleaning showed a chrome concentration of 7,200 mg/kg in a concrete vault wall sample (Appendix H). This analysis confirmed that chemical washing was inappropriate, and the original workplan was amended and submitted to ACHA on April 17, 1992.

After approval of the amendment by ACHA, Tank Excavators, Inc. was subcontracted to shore and excavate the vault. Tank Excavators applied for and received City of Emeryville excavation permit number B4301-492 on April 14, 1992. Prior to demolition, Tank Excavator shored the vault with sheetpile. During shoring, approximately 40 yd<sup>3</sup> of soil was excavated. The soil pile was tested for California 17 metals and Volatile Organics by approved EPA methods at a DHS certified laboratory. Analysis of the soil, which was submitted to ACHA in the subsurface investigation workplan, indicated that the soil was neither a state or federally regulated waste. At present, soil has been accepted and assigned approval number 92-245 at Forward Landfill, a Class III landfill. A bill of lading documenting disposal will be submitted to ACHA as soon as the soil is transported to Forward.

After shoring was completed, the entire concrete vault was excavated and sent to Envirosafe Services of Idaho for disposal. In addition to the excavation of the vault, a portion of the concrete floor surrounding the vault was also excavated and sent to Class I landfill. Manifests documenting disposal are located in Appendix C.

## 10 PRESENT STATE AND FUTURE USE OF SITE

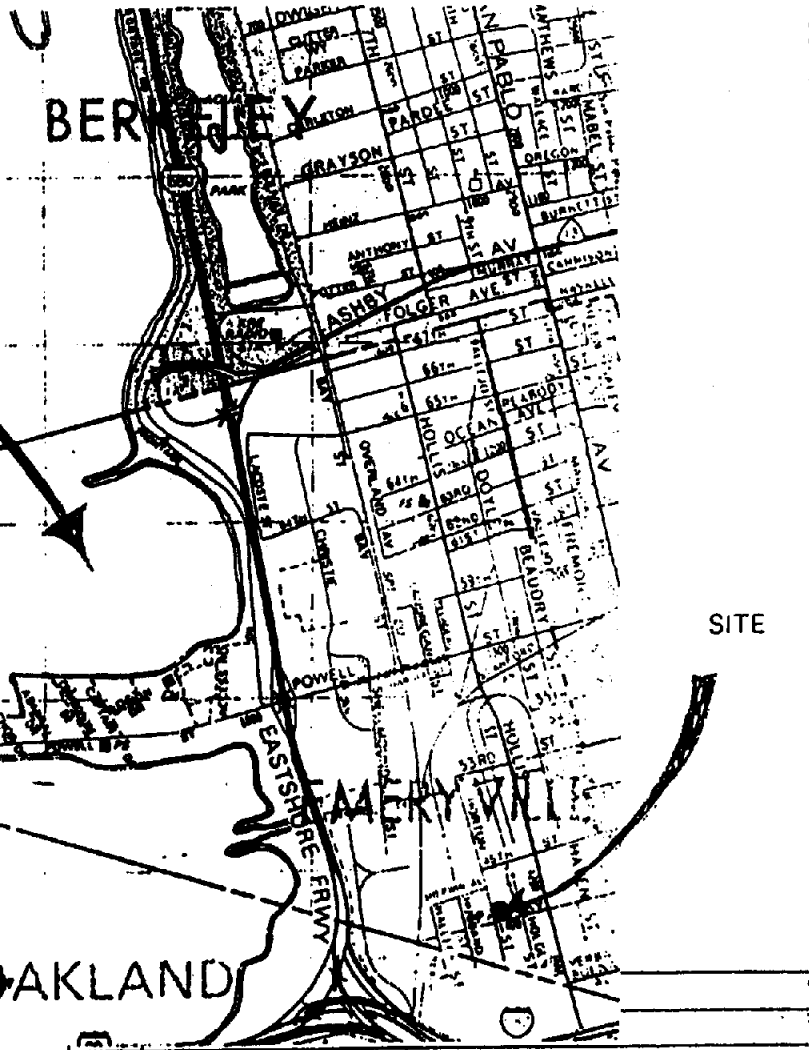
At the present time, the entire building structure has been demolished and approximately 30% of the concrete floor has been removed to expose native soil. In addition, a 10 ft deep excavation exists in the location of the former vault. The vault and soil were sampled in October 1992.

A preliminary subsurface investigation of the vault, soil, and groundwater was undertaken at the site on October 1, 1992. A summary of the findings were submitted to ACHA on November 4, 1992. As part of the summary, Excel Trans recommended that the soil in the vault be immediately excavated below the water, and that the excavated hole be refilled with gravel after analysis shows that soil chrome concentrations have dropped below a level of regulatory concern. ACHA has given verbal approval to the recommendations. Work will begin as soon as possible.

Once the pit has been filled, Charles Lowe intends to use the former Chromex site as an outdoor uncovered storage area for large equipment.

APPENDIX A

Area, Vicinity, and Site Maps



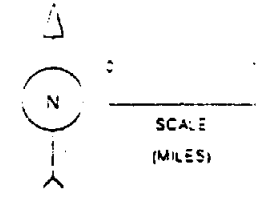
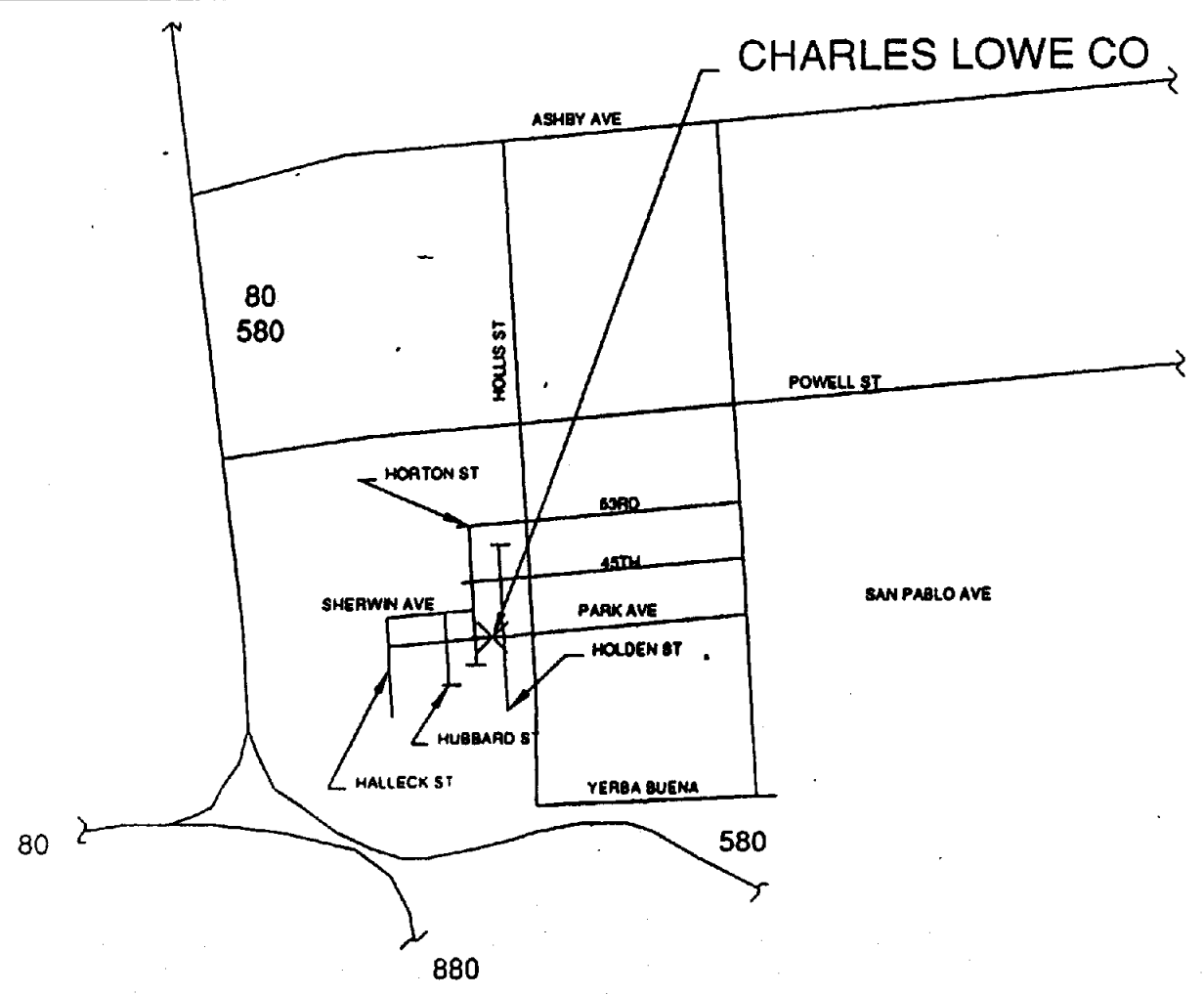
SAN FRANCISCO BAY AREA/ EMERYVILLE

CHARLES LOWE COMPANY

1400 PARK AVE

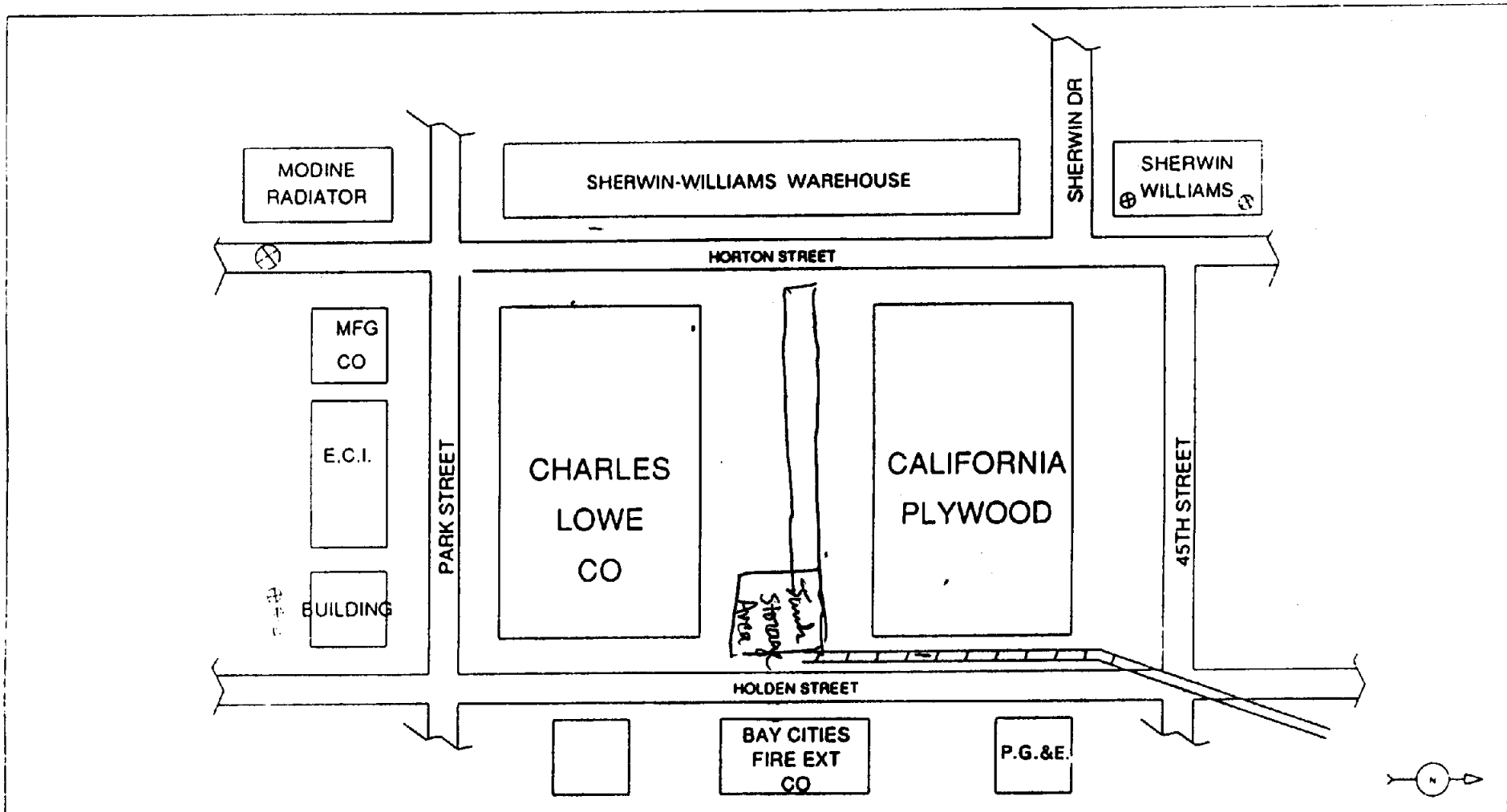
EMERYVILLE, CA 94608





AREA LAYOUT

DATE	LTR	DESCRIPTION



KEY		
⊗	Monitoring Well	

VICINITY MAP

CHARLES LOWE COMPANY

1400 PARK AVE

EMERYVILLE, CA 94608



ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY



DAVID J. KEARS, Agency Director

MAY 22, 1991

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Hazardous Materials Program  
80 Swan Way, Rm. 200  
Oakland, CA 94621  
(415)

Mr. Fred Schappert  
Charles Lowe Company  
1400 Park Avenue  
Emeryville, CA 94608

RE: Workplan For Chromex, Closure of Plating Facility  
1400 Park Avenue, Emeryville, CA 94608

Dear Mr. Schappert:

The Alameda County Department of Environmental Health, Hazardous Materials Division has received and reviewed the workplan for the closure of the plating facility at the referenced site, as submitted by Excel Trans under cover letter dated April 9, 1991. Through telephone conversation with Mr. David Nielsen of Excel Trans, the closure plan was given a verbal approval and is acceptable subject to the following conditions:

- \* All other Federal, state or local statutes, regulations, ordinances, requirements or limitations which are applicable to your project must be followed.
- \* The Health and Safety Plan consistent with applicable requirements of 29 CFR 1910.120 must be followed and a complete copy must be available at the site during the closure operation.
- \* The on-site storage of any hazardous waste generated by the decontamination activities must not exceed 90 days.
- \* Disposal of waste generated in the closure operation must be supported by analysis by a state certified lab.
- \* Field tests are acceptable as a screening tool but laboratory analysis by a state certified lab are required for verification of the extent of decontamination.
- \* A time schedule for the entire closure activities must be submitted to this department.
- \* A written notification for any changes or deviation in the closure workplan must be submitted and approved by this department.

MAY 28 '91 13:28

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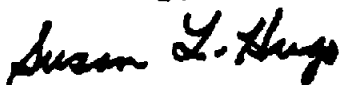
Mr. Fred Schappert  
May 22, 1991  
Page 2 of 2

- \* Encapsulation of contaminated structures using a physical barrier such as plaster, epoxy resins, or paint is not acceptable.
- \* A final report of the results of the decontamination and closure process, including all the data from all measurements, the results of all analytical procedures and copies of manifest for disposal must be submitted to this office within one month after the conclusion of closure activities.
- \* After the closure operation has been completed, a final inspection by this department will be conducted.
- \* Investigation for soil and/or groundwater contamination must be executed before final closure can be recommended.

Issuance of a final closure for the facility will depend on the extent to which the clean-up work done meets the requirements of this letter.

If you have any questions regarding this letter, please contact me at (415) 271-4320.

Sincerely,



Susan L. Hugo  
Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health  
Gil Jensen, District Attorney, Alameda County Consumer and  
Environmental Protection Agency  
Lester Feldman, San Francisco Bay RWQCB  
Howard Hatayama, State Department of Health Services  
David Nielsen, Excel Trans  
Files

A-

APPENDIX C

Manifests

SUMMARY OF MANIFESTS DOCUMENTING DISPOSAL

DATE SHIPPED	DISPOSAL FACILITY	MANIFEST NUMBER	DATE RECEIVED
04/01/91	Norris Environmental	89887237	04/03/91
04/05/91	Norris Environmental	89887229	04/06/91
04/08/91	Norris Environmental	89924867	04/09/91
04/24/91	Norris Environmental	89924866	04/25/91
05/29/91	Norris Environmental	90328817	05/30/91
06/20/91	Norris Environmental	90328916	06/24/91
06/26/91	Envirosafe Services of Idaho	90328909	06/27/91
07/09/91	Envirosafe Services of Idaho	90328931	07/10/91
07/12/91	Norris Environmental Services	90328987	07/13/91
07/29/91	US Ecology	89887200	08/01/91
08/27/91	Envirosafe Services of Idaho	90329052	08/28/91
03/18/92/	Aptus, Inc.	91717669	03/24/92
03/26/92	Norris Environmental Services	91718071	03/26/92
03/31/92	Envirosafe Services of Idaho	91718022	04/02/92
04/29/92	Envirosafe Services of Idaho	91718026	04/30/92
05/01/92	Norris Environmental Services	91716488	05/05/92
05/04/92	Envirosafe Services of Idaho	91718094	05/05/92
05/05/92	Envirosafe Services of Idaho	91718029	05/06/92
05/05/92	Envirosafe Services of Idaho	91718092	05/07/92
05/05/92	Envirosafe Services of Idaho	91718030	05/06/92
05/07/92	Envirosafe Services of Idaho	91716474	05/07/92
05/06/92	Envirosafe Services of Idaho	91718086	05/07/92
05/06/92	Envirosafe Services of Idaho	91716475	05/07/92
05/06/92	Envirosafe Services of Idaho	91718089	05/07/92
05/06/92	Envirosafe Services of Idaho	91718090	05/07/92
05/05/92	Envirosafe Services of Idaho	91716473	05/07/92

Job 031010

Please print or type. (Form designed for use on 486 (12-pitch typewriter).

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CAD 98157322300001		Manifest Document No. 00001		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Chromex Division - Charles Lowc Company 1400 Park Ave., Emeryville CA 94608						A. State Manifest Document Number 89887237							
4. Generator's Phone # 415 653-0792						B. State Generator's ID HAHQ36-0126117							
5. Transporter 1 Company Name Excel Trans Inc.			6. US EPA ID Number CAD 981112663			C. State Transporter's ID 117733							
7. Transporter 2 Company Name						D. Transporter's Phone (707)-745-8907							
9. Designated Facility Name and Site Address NORAS Environmental Services 5215 S. Boyle Avenue Los Angeles, CA 90058						10. US EPA ID Number CAD 097030993			E. State Transporter's ID				
						F. Transporter's Phone							
						G. State Facility's ID							
						H. Facility's Phone (213) 588-7111							
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.	
a. XQ, Hazardous Waste Liquid N.O.S. (chrome) 20M-E NA 9189 DOT-E-8706 4 M/T/T						3500		G		State 723		EPA/Other 0007	
b.										State		EPA/Other	
c.										State		EPA/Other	
d.										State		EPA/Other	
J. Additional Descriptions for Materials Listed Above a) Water with 3900 ppm chrome						K. Handling Codes for Wastes Listed Above a. b. c. d.							
15. Special Handling Instructions and Additional Information Near appropriate safety year													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Steve A Slade / General manager						Signature <i>Steve A Slade</i>						Month Day Year PH 10 1971	
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name Richard V. Hill						Signature <i>Richard V. Hill</i>						Month Day Year PH 10 1971	
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 B. J. Thomas						Signature <i>B. J. Thomas</i>						Month Day Year PH 10 1971	

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

GENERATOR

TRANSPORTER

FACILITY

Do Not Write Below This Line



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

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. CA12E101970310903	Manifest Document No. 711011	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address CHROME DIVISION CHROME PLATING CO. 1400 PACA AVENUE LOS ANGELES, CA 90058		A. State Manifest Document Number <b>89S87229</b>	B. State Generator's ID H A H 1 0 1 6 - 0 0 0 6 1 7
4. Generator's Phone 415-653-0792	6. US EPA ID Number CA12E101970310903	C. State Transporter's ID 117788	D. Transporter's Phone (707) 745-8907
5. Transporter 1 Company Name EXCEL TRANS, INC.	8. US EPA ID Number	E. State Transporter's ID	F. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	G. State Facility's ID	H. Facility's Phone (213) 588-7111
9. Designated Facility Name and Site Address MORRIS ENVIRONMENTAL SERVICES 5215 SO. BOYLE AVENUE LOS ANGELES, CA 90058	10. US EPA ID Number CA12E101970310903		

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	1. Waste No.	
				State	EPA/Other
a. <b>RED HAZARDOUS WASTE LIQUID D.O.S., CHROME (CHROME) NA 9189</b>	0512	0821010	G	723	D007
b.					
c.					
d.					

J. Additional Descriptions for Materials Listed Above <b>A. CHROME PLATING SOLUTION 46 oz/GA CHROMIUM COPPER 3692 PPM PCN #E1803 CRO</b>	K. Handling Codes for Wastes Listed Above
---	---

15. Special Handling Instructions and Additional Information  
 WEAR APPROPRIATE SAFETY GEAR DOT-B-8706 CONTACT 415-655-8433  
 STEVE A SHADE

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
 If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name Steve A Shade	Signature <i>Steve A Shade</i>	Month Day Year 01/16/91
-------------------------------------	-----------------------------------	----------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials		
Printed/Typed Name Charles J. Payton	Signature <i>Charles J. Payton</i>	Month Day Year 1/16/91

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

19. Discrepancy Indication Space		
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20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.		
Printed/Typed Name Steve A Shade	Signature <i>Steve A Shade</i>	Month Day Year 1/16/91

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8865 WITHIN ONE HOUR. CALL 1-800-552-7500

GENERATOR

TRANSPORTER

FACILITY

Do Not Write Below This Line

GREEN HAULER RETAINS

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

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CA098157322301111</b>	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>CHROMEX DIVISION - CHARLES LOWE COMPANY 1400 PARK AVE. EMERYVILLE CA. 94609</b>			A. State Manifest Document Number <b>89924867</b>		
4. Generator's Phone (415) 655-0992			B. State Generator's ID <b>HAHQ865012617</b>		
5. Transporter 1 Company Name <b>EXCEL TRANS INC.</b>		6. US EPA ID Number <b>CA0981982668</b>	C. State Transporter's ID <b>117733</b>		
7. Transporter 2 Company Name		8. US EPA ID Number	D. Transporter's Phone (707) 745-8901		
9. Designated Facility Name and Site Address <b>NORRIS ENVIRONMENTAL SERVICES 5215 S. BOYLE AVENUE LOS ANGELES CA. 90058</b>			E. State Transporter's ID		
10. US EPA ID Number <b>CA0981982668</b>			F. Transporter's Phone		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) <b>• RQ HAZARDOUS WASTE LIQUID NOS. ORM-E NA 9189</b>			12. Containers No. Type <b>0 PNTTU4001</b>	13. Total Quantity <b>G</b>	14. Unit Wt/Vol <b>G</b>
			L Waste No. State <b>723</b> EPA/Other <b>0007</b>		
J. Additional Descriptions for Materials Listed Above <b>A. HARD CHROME PLATING SOLUTION PCN# E1809-CRO DOT-E-8706 CHROMIUM 46% / GA. COPPER 3692PPM</b>			K. Handling Codes for Wastes Listed Above a. b. c. d.		
15. Special Handling Instructions and Additional Information <b>WEAR APPROPRIATE SAFETY GEAR</b>			<b>CONTACT STEVE SLATE 415-255-2433 415-653-5700</b>		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>ROBERT M TOUNG JR.</b>		Signature <i>[Signature]</i>		Month Day Year <b>11 8 1</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <b>KELOD K. ADLER</b>		Signature <i>[Signature]</i>		Month Day Year <b>11 8 1</b>	
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 <b>B I TIN WEDSCU</b>		Signature <i>[Signature]</i>		Month Day Year <b>11 4 09 9</b>	

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8602; WITHIN CALIFORNIA CALL 1-800-852-7550  
 GENERATOR  
 TRANSPORTER  
 FACILITY

Do Not Write Below This Line

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

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA00091570222300005		Manifest Document No. 00005		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address CHROMEX DIVISION - CHARLES LOWE COMPANY 1400 PARK AVE. EMERYVILLE CA. 94602				A. State Manifest Document Number 89924866		B. State Generator's ID H44036-0126117							
4. Generator's Phone 415 653-0792				C. State Transporter's ID 1171		D. Transporter's Phone (707) 745-8907							
5. Transporter 1 Company Name EXCEL TRANS INC. CA00091570222300005		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone							
7. Transporter 2 Company Name		8. US EPA ID Number		G. State Facility's ID		H. Facility's Phone (213) 588-7111							
9. Designated Facility Name and Site Address NOREN ENVIRONMENTAL SERVICES 5215 S. BOYLE AVENUE LOS ANGELES CA. 90058 CA00091570222300005				10. US EPA ID Number									
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		L Waste No.	
a. RD HAZARDOUS WASTE LIQUID A.C.S. ORME NA 9189						00VTT 1000G				State 723 EPA/Other 0007			
b.										State			
c.										State			
d.										State			
J. Additional Descriptions for Materials Listed Above A. HARD CHROME PLATING SOLUTION PCN # E1803 - CKD DOT. E-8706 CHROMIUM 46% KA. COPPER 3692 PPM						K. Handling Codes for Waste a.		b.		c.		d.	
15. Special Handling Instructions and Additional Information WEAR APPROPRIATE SAFETY GEAR ERG # 31 CONTACT STEVE BLADE 415-255-8433 415-652-5700													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Steve A. Blade				Signature <i>Steve A. Blade</i>				Month Day Year 08/24/91					
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name Richard K. Adkins				Signature <i>Richard K. Adkins</i>				Month Day Year 08/24/91					
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature				Month Day Year					
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name ANDREW J. ...				Signature <i>Andrew J. ...</i>				Month Day Year 08/24/91					

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

GENERATOR

TRANSPORTER

FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA10918115432003	Manifest Document No. 21381117	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address CHROMA DIVISION/CHARLES LOWE CO 1400 PARK AVE LIMEVILLE CA 4. Generator's Phone (415) 652-0792			A. State Manifest Document Number 90329817		
5. Transporter 1 Company Name EXCEL TRANS INC.		6. US EPA ID Number CA10918119826162		B. State Generator's ID H1111111111111111	
7. Transporter 2 Company Name		8. US EPA ID Number		C. State Transporter's ID 105532	
9. Designated Facility Name and Site Address NORRIS ENVIRONMENTAL 5215 SOUTH BOYLE AVE. LOS ANGELES, CA 90058		10. US EPA ID Number CA101091703109193		D. Transporter's Phone 707-745-2707	
				E. State Transporter's ID	
				F. Transporter's Phone	
				G. State Facility's ID	
				H. Facility's Phone (213) 588-7111	

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit WT/Vol	15. Waste No.
	No.	Type			
"R.O." Hazardous Waste Liquid, n.o.s., ORM-E, NA9189 (Chromium Sulfuric Acid)	1	DRUM	00335	G	State: CA EPA ID: 90329817
"R.O." Hazardous Waste Liquid, n.o.s., ORM-E, NA9189 (Chromium Sulfuric Acid)	1	DRUM	00330	G	State: CA EPA ID: 90329817
"R.O." Hazardous Waste Liquid, n.o.s., ORM-E, NA9189 (Chromium)	1	DRUM	00115	G	State: CA EPA ID: 90329817

16. Special Handling Instructions and Additional Information

In case of emergency contact Fred Meyer at (415) 652-0190  
 OR S. Sinder at (415) 255-8433

17. Generator's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Steve A. Slade  
 Signature: [Signature]  
 Month Day Year: 11/12/11

17. Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: JEREMY BUTLER  
 Signature: [Signature]  
 Month Day Year: 11/12/11

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

19. Discrepancy Indication Space  
 [Blank]

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
 Printed/Typed Name: BI TIN VELASCO  
 Signature: [Signature]  
 Month Day Year: 11/12/11

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-9802. WITHIN CALIFORNIA CALL 1-800-952-7660

GENERATOR TRANSPORTER FACILITY

**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.

CA D091811517300361819116

A. State Manifest Document Number  
**90328916**

3. Generator's Name and Mailing Address

CHROMEX  
 1400 PARK AVE.  
 EMERYVILLE CA 94608  
 4. Generator's Phone (415) 653-0792

B. State Generator's ID  
 H1A1H036-01121611

5. Transporter 1 Company Name

EXCEL TRANSIT INC.

6. US EPA ID Number

CA D091811018126163

C. State Transporter's ID  
 117720

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone (415) 245-3211

9. Designated Facility Name and Site Address

NORRIS ENVIRONMENTAL SERVICES  
 5215 SOUTH BOYLE AVENUE  
 LOS ANGELES, CA 90058

10. US EPA ID Number

CA D019703109913

E. State Facility's ID

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

R.O. (1) HAZARDOUS WASTE LIQUID, NOX  
 ORME, NA9189 (D007)

12. Containers No. Type

1016DF

13. Total Quantity

1310G

14. Unit Wt/Vol

16. Special Handling Instructions and Additional Information

WEAR PROTECTIVE CLOTHING  
 IN CASE OF AN EMERGENCY, PLEASE CONTACT STEVE SLADE  
 AT (415) 653-0792 OR (415) 245-8433

**GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name

Steve A. Slade

Signature

*Steve A. Slade*

Month Day Year

11/6/1991

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

MICHAEL J. BURTON

Signature

*Michael J. Burton*

Month Day Year

11/6/1991

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

2-10

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

BI TIN VELASCO

Signature

*Bi Tin Velasco*

Month Day Year

10/27/91

Do Not Write Below This Line

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8902; WITHIN CALIFORNIA CALL 1-800-852-7650

GENERATOR

TRANSPORTER

FACILITY

003039

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. CAD9811573223612611  
 Manifest Document No. 1 of 1  
 2. Page 1  
 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
 CHROMEX DIVISION / CHARLES LOWE CO.  
 1400 PARK AVE.  
 EMERYVILLE, CA 94608  
 4. Generator's Phone (415) 653-0792

A. State Manifest Document Number 80328809  
 B. State Generator's ID HAHQ36-012611  
 C. State Transporter's ID 1191  
 D. Transporter's Phone (916) 745-8405  
 E. State Transporter's ID  
 F. Transporter's Phone

5. Transporter 1 Company Name EXCEL TRANS, INC. 6. US EPA ID Number CAD9811982663  
 7. Transporter 2 Company Name 8. US EPA ID Number

9. Designated Facility Name and Site Address  
 ENVIROSAFE SERVICES OF IDAHO, INC.  
 10.5 MILES NORTHWEST HIGHWAY 48  
 MISSILE BASE ROAD  
 GRANDVIEW, ID 83624  
 10. US EPA ID Number IDDO731114654

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit WT/Vol
	No.	Type		
"U.R.O." HAZARDOUS WASTE, SOLID, NO. 1 ORM-E (CHROMIUM CONTAMINATED METAL)	100	CM	35	Y
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information  
 WASTE APPROPRIATE FOR BEARS  
 ER5 #31  
 Steve A Slade  
 415-255-8433

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
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Printed/Typed Name: Steve A. Slade  
 Signature: Steve A. Slade  
 Month Day Year: 06 26 91

17. Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: Rick McKown  
 Signature: Rick McKown  
 Month Day Year: 06 26 91

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

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
 Printed/Typed Name: Nancy Madarieta  
 Signature: Nancy Madarieta  
 Month Day Year: 06 27 91

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7650  
 50328915  
 GENERATOR  
 TRANSPORTER  
 FACILITY

91191012  
 17.480

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. **CADAB11573223258811**

2. Page 1 of 1

Manifest Document No. **1**

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

3. Generator's Name and Mailing Address  
**CHROMEX  
 1400 PARK AVE  
 EMERYVILLE, CA 94608**

Generator's Phone (415) **653-0792**

A. State Manifest Document Number **90328931**

B. State Generator's ID **H1A0R601D61H**

5. Transporter 1 Company Name **EXCEL TRANS**

6. US EPA ID Number **CADAB119826613**

C. State Transporter's ID **108163**

D. Transporter's Phone **707-746-5707**

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  
**ENVIRONMENTAL SERVICES OF IDAHO, INC.  
 10 1/2 MILES NW GRANDVIEW  
 MISSILE BASE ROAD  
 GRANDVIEW, IDAHO 83624**

10. US EPA ID Number **11DD0AB11465H**

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
<b>"R.Q"(1) HAZARDOUS WASTE, SOLID NOS ORM-E, NA9189 (D007)</b>	<b>002</b>	<b>6000035 Y</b>		
b.				
c.				
d.				

15. Additional Descriptions for Materials Listed Above

16. Special Handling Instructions and Additional Information  
**Wear protective clothing. In case of an emergency, please contact Steve Slade at (415) 653-0792 or (415) 255-8433**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name **Steve A Slade** Signature *[Signature]* Month Day Year **X 10 17 1991**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name **Rick McKown** Signature *[Signature]* Month Day Year **07 09 91**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name \_\_\_\_\_ Signature \_\_\_\_\_ Month Day Year \_\_\_\_\_

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name **NANCY MADARLETA** Signature *[Signature]* Month Day Year **07 10 91**

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-862-7550

Do Not Write Below This Line  
 RECEIVED JUL 16 '91

# UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. **CAD98157307328R187**  
Manifest Document No. **117**

2. Page 1 of 1  
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
**CHROME  
1400 PARK AVE  
EMERYVILLE CA 94608**

A. State Manifest Document Number  
**90328987**

4. Generator's Phone **(415) 653-0792**

B. State Generator's ID  
**HWH0860126171**

5. Transporter 1 Company Name  
**EXCEL TRANS**

C. State Transporter's ID  
**177**

6. US EPA ID Number  
**CAD981982663**

D. Transporter's Phone  
**(415) 745-2908**

7. Transporter 2 Company Name

E. State Transporter's ID

9. Designated Facility Name and Site Address  
**NORRIS ENVIRONMENTAL SERVICES  
5215 SOUTH BOYLE AVENUE  
LOS ANGELES, CA 90058**

F. Transporter's Phone

G. State Facility's ID

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. <b>R.O.(1) HAZARDOUS WASTE LIQUID, NOS ORME, NAHIZI (DCCO) OPK TITANUM</b>				
b.				
c.				
d.				

13. Additional Descriptions of Containers Listed Above

15. Special Handling Instructions and Additional Information  
**WEAR PROTECTIVE CLOTHING IN CASE OF AN EMERGENCY. PLEASE CONTACT STEVE SLADE AT (415) 653-0792 OR (415) 255-8433 DOT # 8706**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
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Printed/Typed Name: **Steve A Slade** Signature: *[Signature]* Month Day Year: **X 11 14**

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name: **Charles K Peyton** Signature: *[Signature]* Month Day Year: **10/12/92**

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: **Steve Slade** Signature: *[Signature]* Month Day Year: **01/13/91**

90328987

IN CASE OF AN EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA CALL 1-800-852-7650

GENERATOR TRANSPORTER FACILITY

RECEIVED 11/16/90 GREEN HAULER RETAINS



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

**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.

CANAKIL5E73DDP 8130100

3. Generator's Name and Mailing Address

CHROME  
1400 FARM AVE  
MENDOCINO, CA 95620

A. State Manifest Document Number

89887200

B. State Generator's ID

117726-117

5. Transporter 1 Company Name

6. US EPA ID Number

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

707-745-2407

D. Transporter's Phone

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

VECOLOGY  
HIGHWAY 95, P.O. BOX 516  
FEARIS, NV 89403

10. US EPA ID Number

UNITEG1001010101 703-553-2203

G. State Facility's ID

H. Facility's Phone

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

HAZARDOUS SUBSTANCE, SOLID  
N.O.S., ORM-E, NAT'L REG. (UNCLAS)

12. Containers No. Type

13. Total Quantity

14. Unit Wt/Vol

I. Waste No.

No.	Type	Quantity	Unit Wt/Vol	Waste No.
1	DRUM	3	360L	261 EPA/Other PCG-5
2				State
3				EPA/Other
4				State
5				EPA/Other
6				State
7				EPA/Other

J. Additional Descriptions for Materials Listed Above

DRUM HLCRX-37  
HAZ DUMMETS, PLS EXACTLY 360L EACH  
5-H PERMIT # 0-1251  
UNIFORM HAZARDOUS WASTE MANIFEST

K. Handling Codes for Wastes Listed Above

a.	b.	c.	d.

15. Special Handling Instructions and Additional Information

UNIFORM HLCRX-37  
4151-55-013  
4167-68-4-55

**GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Steve G. Signature: [Signature] Month Day Year: 01/22/17

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name: [Name] Signature: [Signature] Month Day Year: 01/22/17

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

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: David Tober Signature: [Signature] Month Day Year: 01/26/17

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

GENERATOR

TRANSPORTER

FACILITY

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's EPA ID No. **CA1D9011573022**  
Manifest Document No. **270512**

2. Page 1 of 1  
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
**CHROME  
11400 PARK AVE  
CHROME, CA**

A. State Manifest Document Number  
**90329052**

5. Transporter 1 Company Name **EXCITRANS** US EPA ID Number **CA1D9011573022**

B. State Generator's ID  
**11111111111111111111**

7. Transporter 2 Company Name **EXCITRANS** US EPA ID Number **CA1D9011573022**

C. State Transporter's ID  
**11111111111111111111**

9. Designated Facility Name and Site Address  
**EST  
OV. M. NW Grandview, Missile Base Road  
Grandview, IL**

D. Transporter's Phone  
**707-7458901**

10. US EPA ID Number  
**82627 4DD07B11415M**

E. State Transporter's ID  
**707-7458901**

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. **RG Hazardous Waste, Sol. & MOS, ORMU, NA9189 (CORROSIVE)**

15. Waste No. **001** CM 1000000 Y

b. **RG HAZARDOUS WASTE, SOLID, ORMU, NA9189**

15. Waste No. **(001) CM 1000000 Y**

c. **NA9189**

15. Waste No. **(001) CM 1000000 Y**

J. Additional Descriptions for Materials Listed Above  
~~ACUTE TOXIC...~~

K. Handling Codes for Wastes Listed Above  
**Y**

15. Special Handling Instructions and Additional Information  
**Wear protective gloves cloth ER6 #31  
EMERGENCY PHONE: (415) 653-0792 or (415) 250-8433**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Steve Miller** Signature *Steve Miller* Month Day Year **03 27 14**

17. Transporter 1 Acknowledgement of Receipt of Materials  
Printed/Typed Name **Dee McLean** Signature *Dee McLean* Month Day Year **03 27 14**

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

19. Discrepancy Indication Space  
**115. RG Hazardous Waste Solid, N.C.S., ORMU-E, NA9189 (0007)  
3. Zip code omitted**

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.  
Printed/Typed Name **Steve Miller** Signature *Steve Miller* Month Day Year **03 27 14**

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

WL # 00258'

See instructions on back of page 6.

9203018

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550  
 917668  
 GENERATOR  
 TRANSPORTER  
 FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA D P P 2 5 7 3 2 2 3 0	Manifest Document No. 0 3 3 9 7	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Chromax 1400 Park Avenue Emeryville, CA 94609			A. State Manifest Document Number 9171766		
4. Generator's Phone 510 553-0792			B. State Generator's ID 036012617		
5. Transporter 1 Company Name Exced/Trans, Inc.		6. US EPA ID Number CA D S 3 1 9 0 2 5 5 3		C. State Transporter ID 215582	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 07-745-8007	
9. Designated Facility Name and Site Address Aptus, Inc. 11600 North Aptus Road Arroyo, CA 94029		10. US EPA ID Number U T D 9 6 1 5 5 2 1 7 7		E. State Facility's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	
a. (10) Waste Chronic Acid Solution, Corrosive Material, UN1755		No. Type		14. Unit W/Vol	
		0 0 1 U F		0 0 5 5 5	
Additional Description for Material Listed Above Lit., Profile # A891-0559		15. Handling Codes for Material Listed Above			
15. Special Handling Instructions and Additional Information Wear protective clothing. In case of an emergency, contact Steve Slade at (415) 653-0792 or (415) 255-8433.					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. 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 ERNEST L. TIT		Signature <i>[Signature]</i>		Month Day Year 11/1/11	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/typed Name <i>[Name]</i>		Signature <i>[Signature]</i>		Month Day Year 11/1/11	
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 Dorothy G. Diamond		Signature <i>[Signature]</i>		Month Day Year 11/3/11	

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  
 GENERATOR  
 TRANSPORTER  
 FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. D0001577555	Manifest Document No. 14641	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Chromo. 1400 Park Avenue Emeryville, CA 94508		A. State Manifest Document Number 9171807		B. State Generator ID H R H D B 6 0 0 2 5 1 7	
4. Generator's Phone (510) 652-5900	5. Transporter 1 Company Name Excel Trans, Inc.	6. US EPA ID Number C A P 9 8 1 9 B 2 6 6 3	C. State Transporter ID 7707 745-8907		D. Transporter's Phone
7. Transporter 2 Company Name	8. US EPA ID Number	E. State Transporter ID		F. Transporter's Phone	G. State Facility ID
9. Designated Facility Name and Site Address Norris Environmental Services 5212 South Boyle Avenue Los Angeles, CA 90048		10. US EPA ID Number C A P 0 9 7 0 3 0 9 9 3		H. Facility's Phone	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
a. RQ(1) Hazardous Waste Liquid, NOS, ORME, NA9189 (chromium)		0 0 1 T T 0 8 5 0 0 G			Scale SHAUGHNESSY
b.					Scale SHAUGHNESSY
c.					Scale SHAUGHNESSY
d.					Scale SHAUGHNESSY
16. Additional Descriptions for Materials Listed Above i.e. Profile #11403CR3		E. Handling Codes for Materials Listed Above			
15. Special Handling Instructions and Additional Information Wear protective clothing. In case of an emergency, contact Steve Wade at (510) 653-0792 or (415) 255-8433.					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.		Printed/typed Name Steve A. Wade		Signature <i>Steve Wade</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/typed Name <i>Richard ...</i>		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/typed Name		Signature	
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 Samie L. Green		Signature <i>[Signature]</i>		Month Day Year 03 12 69	

DO NOT WRITE BELOW THIS LINE.

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. CA0991570203  
 Manifest Document No. 18002  
 2. Page 1 of 1  
 Information if this manifest is not required by 42 CFR 192.10

3. Generator Name and Mailing Address  
 Chromax  
 1400 Park Avenue  
 Emeryville, CA 94608

4. Generator's Phone 510 652-5900

5. Transporter 1 Company Name  
 Excel Trans, Inc.  
 6. US EPA ID Number  
 CA0991982063

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

9. Designated Facility Name and Site Address  
 EnviroSAFE Services of Idaho, Inc.  
 10. E Miles NW Grandview  
 Grandview, Idaho 83624  
 10. US EPA ID Number  
 ID00073146541

A. State Manifest Document Number  
 91718022  
 B. State Generator's ID  
 CA0991570203  
 C. State Transporter's ID  
 CA0991982063  
 D. Transporter's Phone  
 510 652-5900  
 E. State Transporter's ID  
 F. Transporter's Phone  
 G. State Facility's ID  
 H. Facility's Phone

11. Hazardous Waste Description (Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
00 Hazardous Waste, Solid, NOS, OMS, NA9189 (chlorine)	001	CM	00020	Y
00 Hazardous Waste, Solid, NOS, OMS, NA9189 (chlorine)	001	CM	00020	Y

Use appropriate safety gear.  
 In case of an emergency, contact Steve Slade at (509) 652-5900 ext. (615) 215-2111

**GENERATOR CERTIFICATION:** I hereby declare that the contents of this manifest are fully and accurately described above by proper shipping name and are properly packaged, labeled, and are in all respects in proper condition for transport by highway according to applicable federal and national government regulations.  
 If I am a large (annual) 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: Steve A. Slade  
 Signature: [Signature]  
 Month/Day/Year: 013/13/1981

17. Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name: R. McKown  
 Signature: [Signature]  
 Month/Day/Year: 013/13/1981

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

19. Declaration of Recipient (Facility)  
 Printed/Typed Name:  
 Signature:  
 Month/Day/Year:

20. Facility Director or Operator Certification (If a generator of hazardous materials covered by this manifest is not listed in item 19)  
 Printed/Typed Name:  
 Signature:  
 Month/Day/Year: 04/10/1981

IN CASE OF EMERGENCY OR SPILL CALL THE NATIONAL RESPONSE CENTER FOR HAZARDOUS WASTE AT 1-800-424-9300  
 91718022  
 310-852-7550  
 CALIFORNIA CALL 1-800-852-7550

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-952-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. 5 5 5 5 5 5 5 5 5 5 5 5 5 5		Manifest Document No. 5 5 5 5 5 5 5 5 5 5		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address <b>Chromex 1400 Park Avenue Maryville, CA 94603</b>						A. State Manifest Document Number <b>9171807</b>					
4. Generator's Phone <b>(510) 652-5900</b>						B. State Generator's ID <b>Y R S D R S O S O S O S O</b>					
5. Transporter 1 Company Name <b>Excal Trans. Inc.</b>				6. USEPA ID Number <b>C A D P R I B P P R 4 0</b>		C. State Transporter's ID <b>1 1 3 5</b>					
7. Transporter 2 Company Name						D. Transporter's Phone <b>707-745-8007</b>					
9. Designated Facility Name and Site Address <b>Envirosafe Services of Idaho, Inc. 10.5 Miles NW Grandview Missile Base Road Grandview, Idaho 83624</b>						E. State Transporter's ID					
10. US EPA ID Number <b>I I D I D I O 7 I 3 I 1 I 1 4 I 6 I 5 I 4</b>						F. Transporter's Phone					
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol	
a. RC Hazardous Waste, Solid, NOS, ORME NA9199 (chromium)						0 0 1 C H		0 0 0 2 0		Y	
b. RC Hazardous Waste, Solid, NOS, ORME NA9199 (chromium)						0 0 1 C H		0 0 0 2 0		Y	
c.											
d.											
11. Additional Descriptions for Materials Listed Above						K. Handling Codes for Wastes Listed Above					
11.a. P001(24700) (Organic solid debris contaminated with chromium)						0 2 0 5					
11.b. P001(24700) (Organic/Inorganic debris contaminated with chromium)						0 2 0 5					
15. Special Handling Instructions and Additional Information											
<p><b>In case of an emergency, contact Steve Slade at (510)652-5900 or (415)255-8433.                  Wear gloves, tyvek &amp; appropriate safety gear.</b></p>											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.											
<p>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.</p>											
Printed/Typed Name <b>Steve A. Slade</b>				Signature <i>Steve A. Slade</i>				Month Day Year <b>04 12 19 91</b>			
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name <b>Steve Slade</b>				Signature <i>Steve Slade</i>		Month Day Year <b>04 12 19 91</b>	
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 <b>SARA REUSE</b>				Signature <i>Sara Reuse</i>				Month Day Year <b>04 12 19 91</b>			

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  
 GENERATOR  
 TRANSPORTER  
 FACILITY

91716488

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA12191M1112121213	Manifest Document No. 1 15 14 15 18	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address Excel Trans 1400 Park Avenue Emeryville, CA 94602 Generator's Phone (510) 552-5900 - Emergency contact: Steve Glade			A. State Manifest Document Number <b>9171648</b>		
5. Transporter 1 Company Name Excel Trans, Inc.			B. State Generator's ID H A H 1 2 3 4 0 1 2 6 1 7		
7. Transporter 2 Company Name			C. State Transporter's ID 215581		
9. Designated Facility Name and Site Address Morris Environmental Services 5215 S. Boyle Avenue Los Angeles, CA 90056			D. Transporter's Phone (707) 743-8907		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			E. State Transporter's ID		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			F. Transporter's Phone		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			G. State Facility's ID		
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)			H. Facility's Phone (213) 588-7111		
12. Container No.		13. Total Quantity		14. Unit Wt/Vol	
12. Container Type		13. Total Quantity		14. Unit Wt/Vol	
12. Container No.		13. Total Quantity		14. Unit Wt/Vol	
12. Container Type		13. Total Quantity		14. Unit Wt/Vol	
12. Container No.		13. Total Quantity		14. Unit Wt/Vol	
12. Container Type		13. Total Quantity		14. Unit Wt/Vol	
12. Container No.		13. Total Quantity		14. Unit Wt/Vol	
12. Container Type		13. Total Quantity		14. Unit Wt/Vol	
J. Additional Descriptions for Materials Listed Above a. & b.) NaOH - 0-104 Chroms - 0-14			K. Handling Codes for Wastes Listed Above a. / b. / c. / d.		
15. Special Handling Instructions and Additional Information Billing: Excel Trans address: P.O. Box 866 Benicia, CA 94510 wear gloves/goggles when handling material Morris profile no.: E1203CR3					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name Steve Glade		Signature <i>Steve Glade</i>		Month Day Year 10 11 11	
Printed/Typed Name MIKE FAULS		Signature <i>Mike Fauls</i>		Month Day Year 05 13 11	
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 MIKE FAULS		Signature <i>Mike Fauls</i>		Month Day Year 11 5 92	

DO NOT WRITE BELOW THIS LINE.

Green: HAULER RETAIL

509-0

9171809  
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550  
 GENERATOR  
 TRANSPORTER  
 FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA D 0 9 8 1 9 8 2 6 6 3	Manifest Document No. 1 1 8 1 0 1 9 1 4	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>Chromax</b> 1400 Park Avenue, Emeryville CA 94608 510-852-5900 Emergency contact: Steve Slade			A. State Manifest Document Number <b>9171809</b>		B. State Generator's ID <b>912091</b>
4. Generator's Phone		6. US EPA ID Number		C. State Transporter's ID <b>912091</b>	
5. Transporter 1 Company Name <b>EXCEL TRANS INC.</b>		8. US EPA ID Number		D. Transporter's Phone <b>701-745-8902</b>	
7. Transporter 2 Company Name		10. US EPA ID Number		E. State Transporter's ID	
9. Designated Facility Name and Site Address <b>Envirosafe Services of Idaho, Inc.</b> 10 1/2 miles NW of Grandview Missile Base Road Grandview Idaho 83624		10. US EPA ID Number <b>TD 1 0 1 0 7 1 3 1 1 4 1 5 1 5 1 1</b>		F. Transporter's Phone	
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers No. Type		13. Total Quantity	
a. <b>*RQ* Hazardous Waste Solid, N.O.S., ORM-E NA9189 (Chrome contaminated debris)</b>		001 AT		00177	
b.				DEF. RECYCLED	
c.					
d.					
J. Additional Descriptions for Materials Listed Above a) 0 - 7200 ppm chrome on concrete & wood		K. Handling Codes for Waste Listed Above 02			
15. Special Handling Instructions and Additional Information <b>Wear gloves/goggles when handling</b> <b>RSII PCN No.: 12247-001</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name <b>Steve A. Slade</b>		Signature <i>Steve A. Slade</i>		Month Day Year <b>05 10 19 12</b>	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <i>Kevin W. ...</i>		Signature <i>Kevin W. ...</i>		Month Day Year <b>05 10 19 12</b>	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name <b>1</b>		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 <b>Donna Pullen</b>		Signature <i>Donna Pullen</i>		Month Day Year <b>05 10 19 12</b>	

DO NOT WRITE BELOW THIS LINE.



42560

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA 1D101811517121213		Manifest Document No. 1 8 0 2 9		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.			
3. Generator's Name and Mailing Address Chromox 1400 Park Avenue, Emeryville CA 94608				6. US EPA ID Number CAD981982663		A. State Manifest Document Number 9171802		B. State Generator's ID H A I R E D 1 3 6 0 1 2 6 1 0			
4. Generator's Phone (510) 652-5900 Emergency contact: Steve Slade				8. US EPA ID Number I D D 0 2 3 1 2 4 6 5 4		C. State Transporter's ID 209052		D. Transporter's Phone 707-745-8907			
5. Transporter 1 Company Name Eycel Trans Inc.				10. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone			
7. Transporter 2 Company Name				10. US EPA ID Number		G. State Facility ID		H. Facility's Phone (208) 394-1500			
9. Designated Facility Name and Site Address Envirosafe Services of Idaho Inc. 104 miles NW of Grandview Missile Base Road Grandview, Idaho 83624				12. Containers No. Type 1 DT 17 Y		13. Total Quantity		14. Unit Wt/Vol			
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a "RQ" Hazardous Waste Solid, N.O.S., OR-B NA9189 (Chrom contaminated debris)				15. Additional Description for Material Listed Above a) D - 7200 ppm chrom on concrete & wood		16. Special Handling Instructions and Additional Information Wear gloves/goggles when handling ERG phone # Steve A Slade 415-655-8455 EPII PCM No.: 12247-001		16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name: Steve A Slade Signature: [Signature] Month Day: 05 10 84				17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name: Christopher M Peterson Signature: [Signature] Month Day: 05 10 84				18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name: [Blank] Signature: [Blank] Month Day: [Blank]			
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: Donna Pullen Signature: Donna Pullen Month Day: 05 10 84							

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550  
 9171802  
 TRANSPORTER  
 FACILITY

DO NOT WRITE BELOW THIS LINE.

Green: HAULER RE

**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.

3. Generator's Name and Mailing Address

**Chromex**  
 1400 Park Avenue, Emeryville CA 94608  
 4. Generator's Phone (510) 652-5900 Emergency contact: Steve Slade

A. State Manifest Document Number

**91718092**

B. State Generator's ID

C. State Transporter's ID

D. Transporter's Phone

E. State Facility's ID

G. State Facility's ID

H. Facility's Phone

5. Transporter 1 Company Name

**EXCEL TRAILS INC**

6. US EPA ID Number

**CA D 9 8 1 9 R 2 6 LR**

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

**Envirosafe Services of Idaho, Inc.**  
 10 1/2 miles NW of Grandview  
 Missile Base Road

10. US EPA ID Number

**ID D 1 0 7 3 1 1 4 6 1 5 1 4**

(208) 384-1500

11. DOT Description (including proper shipping name, Hazard Class, and ID Number)

12. Container No.

13. Total Quantity

14. Unit Wt/Vol

**"RQ" Hazardous Waste Solid, N.O.S., ORM-E**  
**NA9189 (Chrome contaminated debris)**

15. Special Handling Instructions and Additional Information

Wear gloves/goggles when handling

ESII PCB No.: 12247-001

**EMERGENCY CONTACT**  
**STEVE A SLADE 415-855-8433**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this assignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name

Signature

Month Day Year

**Steve H. Slade**

*Steve H. Slade*

015 10 15 19 6

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

**B. H. Buchanan**

*B. H. Buchanan*

05 10 5 9 3

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

**SARA REESE**

*Sara Reese*

05 10 17 13 D

DO NOT WRITE BELOW THIS LINE.

Green: HAULER RETAIN

91718092 IN CASE OF EMERGENCY OR SPILL CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

FACILITY

TRANSPORTER

43240

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA19191015171212131113101310	Manifest Document No. 43240	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address <b>Chromex</b> 1400 Park Avenue, Emeryville CA 94508 Emergency contact: Steve Slade			A. State Manifest Document Number <b>91718031</b>		
4. Generator's Phone 510 652-5500		6. US EPA ID Number CA19191015171212131113101310		B. State Generator's ID BAH08601261117	
5. Transporter 1 Company Name <b>Excel Trans Inc.</b>		8. US EPA ID Number		C. State Transporter's ID 704054	
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 707-745-8957	
9. Designated Facility Name and Site Address <b>Envirosafe Services of Idaho, Inc.</b> 10 1/2 miles NW of Grandview Missile Base Road Grandview, Idaho 83624		10. US EPA ID Number		E. State Transporter's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity	
a. "RQ" Hazardous Waste Solid, H.O.S., OR4-S NA9189 (Chrome contaminated debris)		No. Type		W/Vol	
		1 1 DT		17 Y	
Additional Descriptions for Materials Listed Above		14. Handling Codes for Waste Listed Above		15. Waste Number	
a) 0 - 7500 ppm chrome on concrete & wood		D5		91718031	
15. Special Handling Instructions and Additional Information <b>Wear gloves/goggles when handling</b> EPI PCN No.: 12247-001 <b>Emergency Contact - Steve A Slade 415-255-8433</b>					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					

17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Steve A Slade</i>		Month Day Year 05 6 19
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Terry Ellingson</i>		Month Day Year 05 10 19
18. Transporter 2 Acknowledgement of Receipt of Materials		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 <b>Donna Pullen</b>		Signature <i>Donna Pullen</i>		Month Day Year 05 10 19

DO NOT WRITE BELOW THIS LINE.

Green: HAULER RETA

91718031  
 GENERATOR  
 TRANSPORTER  
 FACILITY  
 IN CASE OF EMERGENCY OR SPILL CALL THE NATIONAL RESPONSE CENTER 1-800-424-9302 WITHIN CALIFORNIA, CALL 1-800-852-7550

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550  
 91716474  
 GENERATOR FACILITY

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. CA 10 19 19 11 16 17 13 12 11		Manifest Document No. 116141716		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address CROCKER 1400 Park Avenue, Fremontville CA 94603				A. State Manifest Document Number <b>91716474</b>									
4. Generator's Phone (510) 652-5950 Emergency contact: Steve Glade				B. State Generator's ID 116141716									
5. Transporter 1 Company Name <b>Excel Trans Inc.</b>			6. US EPA ID Number CA 10 98 11 19 18 12 66 3			C. State Transporter's ID 116141716			D. Transporter's Phone <b>(707) 745-8907</b>				
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 Envirosafe Services of Idaho, Inc. 10 1/2 miles NW of Grandview Missile Base Road				10. US EPA ID Number a		G. State Facility's ID				H. Facility's Phone <b>(208) 394-1900</b>			
Grandview, Idaho 83624				12. Container No.		13. Total Quantity		14. Unit Wt/Vol		15. Waste Number			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				No.		Type				State			
a. "RQ" Hazardous Waste Solid, N.O.S., ORM-E NA9129 (Chrome contaminated debris)				0,01		DT		18 Y		116141716			
b.										EPA Code			
c.										EPA Code			
d.										EPA Code			
13. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above									
a) 0 - 7200 ppm chrome on concrete & wood				a.		b.		c.		d.			
15. Special Handling Instructions and Additional Information Wear gloves/goggles when handling.  25II PCN No.: 12247-701													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.				Printed/Typed Name		Signature		Month		Day		Year	
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature		Month		Day		Year	
												08 15 19 91	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name		Signature		Month		Day		Year	
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.				Printed/Typed Name		Signature		Month		Day		Year	

DO NOT WRITE BELOW THIS LINE.

Green: HAULER RET/

See instructions on back of page 6.

Department of Health & Social Services  
Toxic Substances Control Program  
Sacramento, Cal

1. Generator's US EPA ID No. **CAD9811573223** Manifest Document No. **118101816** 2. Page 1 of 1

3. Generator Name and Mailing Address: **CHRYSLER FINANCIAL CORP**  
**1400 PINE AVENUE, EMERYVILLE CA 94608**

4. Transporter Name and Mailing Address: **TRUCK**

5. State Generator ID No. **9171801**

6. US EPA ID Number **CAD982484370**

7. State Transporter ID No. **9171801**

8. US EPA ID Number **CAD9811573223**

9. US EPA ID Number **010173114654**

11. Waste Description (Including Name, Hazard Class, and ID Number)	12. Container No.		13. Total Quantity	14. Unit (WT/VOL)
	No.	Type		
<b>WASTE U.R. QM-C</b>				
<b>CONTAMINATED DEBRIS</b>	<b>2</b>	<b>00016</b>	<b>4</b>	

**AGGLES WHEN HANDLING**  
**WASTE U.R. QM-C**

The contents of this consignment are fully and accurately described above by proper shipping names, hazard class, and proper condition for transport by highway according to applicable international and national regulations. I have a program in place to reduce the volume and toxicity of waste generated to the degree practicable by recycling, reusing, and other feasible methods of treatment, storage, or disposal which minimize the quantity and future potential toxicity of waste. As a small quantity generator, I have made a good faith effort to minimize my waste generation and I am not a hazardous waste handler or transporter.

16. Signature of Generator: **Steve Slade** Month/Day/Year: **05/19/79**

17. Signature of Transporter: **Tom Reese** Month/Day/Year: **05/19/79**

18. Signature of Receiver: \_\_\_\_\_ Month/Day/Year: \_\_\_\_\_

19. Date of Receipt: **Steve Slade on 5/17/79**

20. Signature of Receiver: **Tom Reese** Month/Day/Year: **05/19/79**

DO NOT WRITE BELOW THIS LINE

RECEIVED 2/7 1993

See instructions on back of page 6.

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No. **CAD981573223** Manifest Document No. **16475** 2. Page **1** of **1** Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address  
**Chromex**  
**1400 Park Avenue, Emeryville CA 94608**  
 4. Generator's Phone **(510) 652-5900** Emergency contact: **Steve Slade**

A. State Manifest Document Number **9171647**

5. Transporter 1 Company Name  
**STANACO** a. US EPA ID Number **PA0063547996**

B. State Generator's ID **KA0030012022**

7. Transporter 2 Company Name a. US EPA ID Number

C. State Transporter's ID

9. Designated Facility Name and Site Address  
**Envirostate Services of Idaho, Inc**  
**10 1/2 miles W of Grandview**  
**Missile Base Road**  
**Grandview, Idaho 83624**  
 10. US EPA ID Number **IDD0731214654**

D. Transporter's Phone

E. State Transporter's ID

F. Transporter's Permit

G. State Facility's ID

H. Facility's Phone **(208) 384-1500**

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
	No.	Type			
a. "RQ" Hazardous Waste Solid, N.O.S., ORM-E NA5189 (Chromex contaminated debris)	001	DT	18	Y	
b.					
c.					
d.					

E. Additional Descriptions for Materials Listed Above  
 a) 0 - 7200 ppm chromex on concrete & wood

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information  
**Wear gloves/goggles when handling**  
**MSII PCN No.: 12247-001**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
 If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name **Steve A. Slade** Signature *Steve A. Slade* Month **05** Day **10** Year **1996**

17. Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name **Stanaco** Signature *Stanaco* Month **05** Day **10** Year **1996**

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 **Envirostate** Signature *Envirostate* Month **05** Day **10** Year **1996**

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER, 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-652-7550  
 GENERATOR FACILITY

41740

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 09-01-2009 BY SP-4 JRS/STP/STP

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CAD981573223</b>		Manifest Document No. <b>18089</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.		
3. Generator's Name and Mailing Address <b>CHROMEX 1400 Park Ave., Emeryville CA 94608</b>						A. State Manifest Document Number <b>01718089</b>				
4. Generator's Phone (510) 652-5900 Emer. contact: Steve Slade						B. State Generator's ID <b>H.A.036012617</b>				
5. Transporter 1 Company Name <b>STAMCO</b>			6. US EPA ID Number <b>CADD63547996</b>			C. State Transporter's ID <b>304306</b>		D. Transporter's Phone <b>1800-521030</b>		
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 <b>Missile Base Road Grandview, Idaho 83634</b>						10. US EPA ID Number <b>ID.D.073114654</b>		G. State Facility's ID		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number) <b>02, Hazardous Waste Solid, N.O.S., ORM-E HA9189 (Chrom contaminated debris)</b>						12. Containers		13. Total Quantity	14. Unit Wt/Vol	15. Waste Number
						No.	Type			
						001	DIT	0018	Y	10/15/92
Additional Descriptions for Materials Listed Above <b>02-7200 (Chrom contaminated wood)</b>						K. Handling Codes for Wastes Listed Above				
						D3				
15. Special Handling Instructions and Additional Information <b>Wear gloves/goggles when handling E S S E PCN No: 12247-001 Log # 060544</b>										
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste, generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.										
Printed/Typed Name <b>Steve A Slade</b>				Signature <i>Steve A Slade</i>			Month Day Year <b>05 10 19 92</b>			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name <b>DAN ROSE</b>				Signature <i>Dan Rose</i>			Month Day Year <b>05 10 19 92</b>			
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 <b>DONNA PULLER</b>				Signature <i>Donna Puller</i>			Month Day Year <b>05 10 19 92</b>			

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDf SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.

GENERATOR RESPONSE CENTER 1-800-424-8889 WITHIN CALIFORNIA CALL 1-800-852-4350  
 ALL INFORMATION IS FOR THE USE OF THE GENERATOR

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator's US EPA ID No. <b>CA 09 02 57 32 2 1 1 8 0 9 0</b>		Manifest Document No. <b>1 8 0 9 0</b>		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address <b>Chromex 1400 Park Avenue, Emeryville CA 94508</b>				A. State Manifest Document Number <b>91718090</b>		B. State Generator's ID <b>CA 09 02 57 32 2 1 1 8 0 9 0</b>			
4. Generator's Phone (510) 652-5900 Emergency contacts Steve Slade				C. State Transporter's ID <b>CA 00 6354 7996</b>		D. Transporter's Phone <b>714 521-7134</b>			
5. Transporter 1 Company Name <b>STANCO</b>		6. US EPA ID Number <b>CA 00 6354 7996</b>		E. State Transporter's ID		F. Transporter's Phone			
7. Transporter 2 Company Name		8. US EPA ID Number		G. State Transporter's ID		H. Transporter's Phone			
9. Designated Facility Name and Site Address <b>Raytheon Services of Idaho, Inc. 104 miles N of Grandview Missile Base Road Grandview, Idaho 83624</b>				10. US EPA ID Number <b>ID 07 31 14 6 5 1</b>		I. State Facility's ID <b>(208) 384-1500</b>			
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers		13. Total Quantity		14. Unit Wt/Vol	
a. "RQ" Hazardous Waste Solid, H.O.S., ORM-E HA9189 (Chrome contaminated debris)				No.		Quantity		Wt/Vol	
				Type					
				001 DT		20 Y			
K. Handling Codes for Wastes Listed Above									
15. Special Handling Instructions and Additional Information <p style="text-align: center;"><b>Wear gloves/goggles when handling</b></p> <p style="text-align: center;"><b>MSDS PCN No.: 12247-001</b></p>									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/typed Name <b>Steve A. Slade</b>			Signature <i>Steve A. Slade</i>			Month Day Year <b>0 5 10 6 17 12</b>			
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/typed Name <b>RANDALL BENTLEY</b>			Signature <i>Randall Bentley</i>			Month Day Year <b>0 5 10 6 17 12</b>			
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.



**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.

C1A1E9131573223

Manifest Document No.

16473

2. Page 1

of 1

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

3. Generator's Name and Mailing Address  
 Chromex  
 1400 Park Avenue, Berryville CA 94600

A. State Manifest Document Number **9171547**

4. Generator's Phone (510) 652-3907 Emergency contact: Steve Slade

B. State Generator's ID  
 H1A1B1C1D1E1F1G1H1I1J1K1L1M1N1O1P1Q1R1S1T1U1V1W1X1Y1Z1

5. Transporter 1 Company Name  
 EXCEL TRANS INC.

6. US EPA ID Number  
 2A1E19131573223

C. State Transporter's ID  
 H1A1B1C1D1E1F1G1H1I1J1K1L1M1N1O1P1Q1R1S1T1U1V1W1X1Y1Z1

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone **707-715-8901**

9. Designated Facility Name and Site Address  
 EnviroSafe Services of Idaho, Inc.  
 10 1/2 miles NW of Grandview  
 Missile Base Road  
 Grandview, Idaho 83624

10. US EPA ID Number  
 I1D1D1O17131114161514

E. State Facility's ID  
 F. Facility's Phone **(208) 384-1500**

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. "R1" Hazardous Waste Solid, H.O.S., ORC-E  
 RA9189 (Chrome contaminated debris)

0 02CM 30025 Y

b.

State EPA/Other

c.

State EPA/Other

d.

State EPA/Other

J. Additional Descriptions for Materials Listed Above  
 a) 8 - 7200 ppm chrome on concrete & wood

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

15. Special Handling Instructions and Additional Information  
 Wear gloves/goggles when handling  
 ESI No. 12247-001

**EMERGENCY CONTACT  
 STEVE A SLADE 415-255-8433**

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.  
 If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name  
 Steve Slade

Signature  
*Steve Slade*

Month Day Year  
 11 11 91

17. Transporter 1 Acknowledgement of Receipt of Materials  
 Printed/Typed Name  
 Steve Slade

Signature  
*Steve Slade*

Month Day Year  
 11 11 91

18. Transporter 2 Acknowledgement of Receipt of Materials  
 Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.  
 Printed/Typed Name  
 Steve Slade

Signature  
*Steve Slade*

Month Day Year  
 11 11 91

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  
 GENERATOR FACILITY

APPENDIX D

Non-hazardous Disposal Receipts

OAKLAND SCAVENGER CONTAINER DIV  
WASTE MANAGEMENT COMPANY  
77 OAKPORT ST #350  
OAKLAND, CA. 94621

ACCOUNT NUMBER 351545	ROUTE 70-0
DATE 5/01/92	

THE CHARLES LOWE CO  
P O BOX 8445  
EMERYVILLE, CA 94608

(415) 430-8194

SERVICE AT:  
1400 PARK AV  
EMERYVILLE, CA 94608

BILL NUMBER	DATE	DESCRIPTION	AMOUNT
		<b>REMINDER-PAST DUE</b>	
		PREVIOUS BALANCE	868.95
	4/13/92	PAYMENT-THANK YOU	289.65C
	4/13/92	PAYMENT-THANK YOU	289.65C
1454359	5/01/92	APR 1992	275.75
1454359	5/01/92	LOCAL AND STATE MANDATED FEES	13.90

**PAYMENT COPY**

INVOICE RECEIVED

MAY 14 1992

Approved DKS Date 05-14-92

P.O. No. \_\_\_\_\_

TOTAL DUE \$ 579.30

JUST A FRIENDLY REMINDER THAT AS OF 04/24/92, WE HAD NOT RECEIVED YOUR PAYMENT IF YOU HAVE ALREADY MAILED YOUR PAYMENT, KINDLY DISREGARD THIS MESSAGE. WE WILL NOT BE HELD RESPONSIBLE FOR ARTICLES PLACED IN OR NEAR THE RECEPTACLES.

DELIVERY RECEIPT

DATE 9/5/92 NO. 0577

FROM Major Salvage Co.

TO Charles Lowe Co. YOUR ORDER

ADDRESS 1400 park ave CITY Cherryville

PACKAGES	RECEIVED IN APPARENT GOOD ORDER	WEIGHT
<u>41</u>		
<u>20 yds of Roofing Material Removed</u>		
<u>175<sup>00</sup> AUS DUMP FEE'S</u>		

RECEIVED BY <u>Dan Ferreira</u> 6L615	TOTAL PACKAGES	TOTAL WEIGHT
	C. O. D. CHARGE	DELIVERY CHARGE

APPENDIX E

Field Test Results

17 FRIDAY MAY

1991  
137228

1991  
138227

ARMED FORCES DAY

MAY

Chromate field test  
on Copper base bars  
tests after steaming

#	PH	Oxidizer	Chromate
#1	7	NA	5
#2	7	NA	4
#3	7	NA	4
#4	7	NA	5
#5	7	NA	3

Before steam cleaning  
copper base bars  
over 30 PPM chromate  
P.H. was 3-6 oxidizer NA

18 TUESDAY JUNE

1991  
169/196

PRESSURE WASHED TANK SECTIONS  
SAMPLE, (FIELD TESTS)

#1 Chromate 377PM  
PH ?  
Oxidizer NA

#2 Chromate 077PM  
PH ?  
Oxidizer NA

#3 Chromate 577PM  
PH ?  
Oxidizer NA

#4 Chromate 577PM  
PH ?  
Oxidizer NA

#5 Chromate 377PM  
PH ?  
Oxidizer NA

Drager air sampling  
in area of cement  
removed from pit

0.1 mg.

JUNE WEDNESDAY 19

1991  
170/195

Pressure washed Tank  
section field tests

Complex #1 Chromate 577PM  
PH ?  
Oxidizer NA

#2 Chromate 377PM  
PH ?  
Oxidizer NA

#3 Chromate 377PM  
PH ?  
Oxidizer NA

#4 Chromate 377PM  
PH ?  
Oxidizer NA

Drager air sampler  
in area of pressure  
washing of tank  
sections 0 mg.

Seed plating tank rods  
Field Tests

- #1 Chromate 60 PPM Oxidizer NA  
PH 7
- #2 Chromate 60 PPM Oxidizer NA  
PH 7
- #3 Chromate 30 PPM Oxidizer NA  
PH 7
- #4 Chromate 60 PPM Oxidizer NA  
PH 7
- #5 Chromate 60 PPM Oxidizer NA  
PH 7

scrapped lead rods in  
Hog waste bin. this day

Chromate  
Elec. pipe ppm 30 - 100 ppm  
Field tested Oxidizer NA PH 7  
loaded into Hog waste bin  
this day.

Copper bus bar scrap  
metal 3 ppm Oxidizer NA  
PH 7



24 MONDAY JUNE

1991  
175/180

1991  
175/180

JUNE TUESDAY 25

Scrap metal loaded into  
bins

Drager air sample  
from pressure washing  
area. 0.1 mg

Chromate field tests

Leak stands

#1 Chromate trace  
PH 7  
Oxidizer NA

#2 Chromate trace  
PH 7  
Oxidizer NA

#3 Chromate 3 PPM  
PH 7  
Oxidizer NA

#4 Chromate 5 PPM  
PH 7  
Oxidizer NA

Drager air sample  
from cement removal  
area 0.1 mg

Ran field test  
on wood loaded  
in Hog waste Bin.

Drag

#1 Chromate  
100+ PPM  
PH 7 Oxidizer NA.

#2  
Chromate 100+ PPM  
PH 8 Oxidizer NA.

#3  
Chromate 60+ PPM  
PH 7 Oxidizer

#4  
Chromat 100+ PPM  
PH 7 Oxidizer  
field test of pipe  
& ducting labeled

#1 Chromate 100+ PPM  
PH 7 Oxidizer NA

#2 Chromate 100+ PPM  
PH 7 Oxidizer NA

#3 Chromate 100+ PPM  
PH 7 Oxidizer NA

28 FEB. FRI 1992

208156

210155

MARCH 3 TUE 1992

LOADED ROOF DECKING  
INTO CLASS 3 BIN  
AROUND 35 SHEETS

CHROMATE FIELD TESTS

#1 CHROMATE 0  
OXIDIZER NA  
PH 7

#2 CHROMATE 0  
OXIDIZER NA  
PH 7

#3 CHROMATE 3 PPM  
OX NA  
PH 7

#4 CHROMATE 0  
OX NA  
PH 7

#5 CHROMATE 0  
OX NA  
PH 7

#6 CHROMATE 0  
OX NA  
PH 7

LOADED ROOF DECKING  
INTO CLASS 3 BIN WITH  
ROOFING PAPER & GRAVEL  
AROUND 40 SHEETS

CHROMATE FIELD TESTS

#1 CHROMATE 0  
OXIDIZER NA  
PH 7

#2 CHROMATE 3  
OXIDIZER NA  
PH 8

#3 CHROMATE 3  
OXIDIZER NA  
PH 7

#4 CHROMATE 0  
OXIDIZER NA  
PH 7

#5 CHROMATE 0  
OXIDIZER NA  
PH 7

#6 CHROMATE 0  
OXIDIZER NA  
PH 7

MARCH 4 WED 1992

1991  
212/153

JULY WEDNESDAY 31

LOADED ROOF DECKING INTO  
CLASS 3 BIN WITH ROOFING  
PAPER + GRAVEL AROUND  
40 SHEETS OF DECKING  
CHROMATE FIELD TEST

#1 CHROMATE 3  
OXIDIZER NA  
PH 7

#2 CHROMATE 3  
OXIDIZER NA  
PH 7

#3 CHROMATE 0  
OXIDIZER NA  
PH 7

#4 CHROMATE 3  
OXIDIZER NA  
PH 7

#5 CHROMATE 0  
OXIDIZER NA  
PH 7

#6 CHROMATE 0  
OXIDIZER NA  
PH 7

#7 CHROMATE 0  
OXIDIZER NA  
PH 7

#8 CHROMATE 3  
OXIDIZER NA  
PH 7

APPENDIX F

Analysis of Wood Siding

JOB NO.		PROJECT NAME		NO. OF CONTAINERS	ANALYSIS	T.C.P.	ST	TRANS	REMARKS
LAB. NO.		SAMPLER (Signature)							
DATE		SAMPLE LOCATION/INFORMATION							
		1	Siding						
									p.o # 91-2146


RELINQUISHED BY <i>May L. Boyd</i>	(Signature)	DATE/TIME 5/21/91 9:0	RECEIVED BY <i>Robert P. Markan</i>	(Signature)
RELINQUISHED BY	(Signature)	DATE/TIME	RECEIVED BY	(Signature)
RELINQUISHED BY	(Signature)	DATE/TIME	RECEIVED FOR LAB. BY	(Signature)

REMARKS

5 Days turn around. Due by 5/29/91

20% Discount

Amount due \$ 165.90



JACKSON LABS. 285 PARK BOULEVARD • RICHMOND, CALIFORNIA 94801 • (415) 235-1388

WHITE LAB TO CLIENT YELLOW LAB COPY BLUE CLIENT COPY



ERICKSON  
 3033 Richmond Parkway, Suite 300, Richmond, CA 94806  
 (415) 262-1500 • FAX (415) 758-8643

**ERICKSON Analytical**

**Certificate of Analysis**

**Toxicity Characteristic Leaching Procedure  
 Chromium EPA Method # 6010**

Erickson W.O. :	80500	Date Prepared :	05/21/91
Matrix :	Wood/ Debris	Date Analyzed :	05/22/91
Date Sampled :	05/21/91	Date Reported :	05/24/91
Project Number:	N/A	Instrument I.D. :	ICP1

Element	EPA Method#	Reporting Limit ( mg/L)	Sample ID # Siding
-1-			
Chromium (Cr)	6010	1.00	1740

Sample and Blank Extracted by EPA Method 1311 (TCLP).

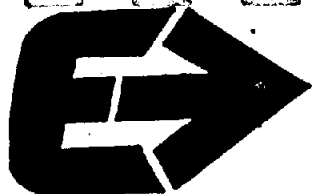
Analyst

*Sara Dillon*

APPENDIX G

Analysis of Brick Wall and Windows





EXCELTRANS

P.O.# 92-10530  
CHAIN OF CUSTODY RECORD

PROJECT NAME  
CHROMEX

ANALYSES  
REQ'D

CHROME  
COPPER  
TCLP  
OR  
CNCL

AMPLERS (Signature)

*(Signature)*

NTL#	DATE	TIME	COMP.	GRAB	SAMPLE LOCATION	MEDIA	CHROME	COPPER	TCLP	OR	CNCL	DETECTION LIMIT	TURN-AROUND TIME	SUSPECTED CONTAMINANT
AST			✓		GLASS RINSE		X	X					Req. TAT. ↓	
EST			✓		GLASS RINSE		X	X						
1ST DEST			✓		BRICK WALL						X			

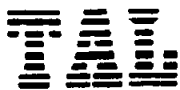
Inquired by: (Signature) <i>(Signature)</i>	Date / Time 9-10-251	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Inquired by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Inquired by: (Signature)	Date / Time	Received for Laboratory by: (Signature) <i>(Signature)</i>	Date / Time 9/10/92 2:51 PM	Remarks Req. TAT	

**Trace Analysis Laboratory, Inc.**

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (510) 783-6960

Facsimile (510) 783-1512



September 24, 1992

Ms. Mary Boyd  
Excel Trans, Inc.  
P.O. Box 866  
Benicia, California 94510-0866

Dear Ms. Boyd:

Trace Analysis Laboratory received one solid sample and two water samples on September 10, 1992 for your project, Chromex (our custody log number 2475).

These samples were analyzed according to your chain of custody. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

A handwritten signature in cursive script, appearing to read 'Jennifer Rekol', written in dark ink.

Jennifer Rekol  
Project Specialist

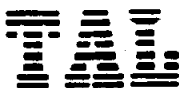
Enclosures

**Trace Analysis Laboratory, Inc.**

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (510) 783-6960

Facsimile (510) 783-1512



LOG NUMBER: 2475  
DATE SAMPLED: 09/10/92  
DATE RECEIVED: 09/10/92  
DATE EXTRACTED: 09/15/92 and 09/17/92  
DATE ANALYZED: 09/17/92  
DATE REPORTED: 09/24/92

CUSTOMER: Excel Trans, Inc.  
REQUESTER: Mary Boyd  
PROJECT: Chromex

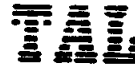
Toxicity Characteristic  
Leaching Procedure

Sample Type: Extract of Solid

Method and Constituent:	Units	East and West		Method Blank		QC Summary	
		Concentration	Reporting Limit	Concentration	Reporting Limit	% Recovery	% RPD
EPA Method 7190:							
Chromium	ug/l	1,800	50	ND	50	105	*
Chromium Recovery Correct	ug/l	1,700					
EPA Method 7210:							
Copper	ug/l	ND	200	ND	200	102	0.0

Concentrations reported as ND were not detected at or above the reporting limit.

\* The RPD is not reportable since the sample prepared in duplicate was not detectable.



LOG NUMBER: 2475  
 DATE SAMPLED: 09/10/92  
 DATE RECEIVED: 09/10/92  
 DATE EXTRACTED: 09/16/92  
 DATE ANALYZED: 09/17/92  
 DATE REPORTED: 09/24/92  
 PAGE: Two

Sample Type: Water

Method and Constituent:	Units	East		West		Method Blank	
		Concentration	Reporting Limit	Concentration	Reporting Limit	Concentration	Reporting Limit
EPA Method 7190: Chromium	ug/l	500	50	160	50	ND	50
EPA Method 7210: Copper	ug/l	ND	200	ND	200	ND	200

Method and Constituent:	Units	QC Summary	
		% Recovery	% RPD
EPA Method 7190: Chromium	ug/l	104	*
EPA Method 7210: Copper	ug/l	107	*

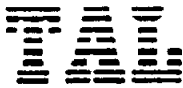
Concentrations reported as ND were not detected at or above the reporting limit.

\* The RPD is not reportable since the sample prepared in duplicate was not detectable.

Louis W. DuPuis  
Quality Assurance/Quality Control Manager

APPENDIX H

Analysis of Concrete Vaults



CHAIN OF CUSTODY RECORD

1965

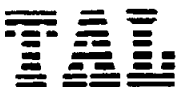
Proj.No. 022011		Project Name CHARLES LOWE/CHROMEX		No. of Con- tainers	Analyses: TOTAL CHROMEX	REMARKS			
Company Name and Address: EXCEL TRANS 290 W CHANNEL RD. BENICIA									
Project Manager PAT KELLY									
Sample ID	Date	Time	Site Location						
022011 #1	4.3	3.12	1400 PARK AVE. EMERYVILLE	1					
									Pick-up cement 1-4 oz jar 4-6 2 day TAT
Sampled by: (signature) K STONE STREET				Date/Time 4-3 3:12	Relinquished by: (signature) Patrick Kelly			Date/Time 4-3 3:20	
Received by: (signature) Janette B. (JAL)				Date/Time 4/3/92 3:20	Relinquished by: (signature)			Date/Time	
Received for Laboratory by: (signature)				Date/Time	TURNAROUND TIME 2 day TAT				
REMARKS									

**Trace Analysis Laboratory, Inc.**

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (510) 783-6960

Facsimile (510) 783-1512



April 7, 1992

Mr. Patrick Kelly  
Excel Trans, Inc.  
P.O. Box 866  
Benicia, California 94510-0866

Dear Mr. Kelly:

Trace Analysis Laboratory received one solid sample on April 3, 1992 for your Project No. 022011, Charles Lowe/Chromex (our custody log number 1965).

This sample was analyzed for Chromium. Our analytical report and the completed chain of custody form are enclosed for your review.

Trace Analysis Laboratory is certified under the California Environmental Laboratory Accreditation Program. Our certification number is 1199.

If you should have any questions or require additional information, please call me.

Sincerely yours,

A handwritten signature in cursive script that reads 'Jennifer Pekol'. The signature is written in dark ink and is positioned above the typed name.

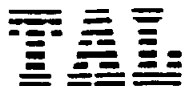
Jennifer Pekol  
Project Specialist

Enclosures

Trace Analysis Laboratory, Inc.

3423 Investment Boulevard, #8 • Hayward, California 94545

Telephone (510) 783-6960  
Facsimile (510) 783-1512



LOG NUMBER: 1965  
DATE SAMPLED: 04/03/92  
DATE RECEIVED: 04/03/92  
DATE EXTRACTED: 04/06/92  
DATE ANALYZED: 04/07/92  
DATE REPORTED: 04/07/92

CUSTOMER: Excel Trans, Inc.  
REQUESTER: Patrick Kelly  
PROJECT: No. 022011, Charles Lowe/Chromex

Sample Type: Solid

Method and Constituent:	022011 #1		Method Blank		QC Summary		
	Units	Concen- tration	Reporting Limit	Concen- tration	Reporting Limit	% Recovery	% RPD
EPA Method 7190: Chromium	ug/kg	7,200,000	1,200	ND	1,200	82	0.8

Concentrations reported as ND were not detected at or above the reporting limit.

Louis W. DuPuis  
Quality Assurance/Quality Control Manager