

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Highland Plating Fire - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IX

Subject: POLREP #12
Soil Excavations Activities and FINAL POLREP
Highland Plating Fire
A963
Los Angeles, CA
Latitude: 34.0891180 Longitude: -118.3419480

To: Harry Allen IV, Emergency Response Section
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From: OSC Robert Wise

Date: 12/4/2015

Reporting Period: 10/21/2014 - 12/16/2015

1. Introduction

1.1 Background

Site Number:	A963	Contract Number:	
D.O. Number:		Action Memo Date:	10/15/2014
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	PRP	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	N/A
Mobilization Date:	7/13/2014	Start Date:	7/13/2014
Demob Date:	12/16/2015	Completion Date:	12/16/2015
CERCLIS ID:	CAN000900173	RCRIS ID:	N/A
ERNS No.:	N/A	State Notification:	
FPN#:	N/A	Reimbursable Account #:	

1.1.1 Incident Category

See POLREP No. 10.

1.1.2 Site Description

See POLREPs No. 1 and 10 for additional information.

1.1.2.1 Description of Threat

See POLREP No. 9 for the "Description of Threat".

On November 24, 2015, while removing the slab were the former office in the northeast corner of the west building was, the secondary containment of an unknown plating line was discovered. This containment was extensively contaminated with chrome plating solids and chrome contaminated liquid (thought to be water from rain intrusion). This containment was found in an area not known to be used for plating.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See POLREPS Nos. 1,2, 3, 7 and 8.

See Section 1.1.2.1.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Highland Plating, located in Hollywood, CA was the scene of a fire event on July 13, 2014. The fire destroyed one of two buildings on the premises. The business was in bankruptcy and in the process of shutting down when the fire occurred. The removal has consisted of two main components; 1. removal operations associated with the fire and 2. removal operations associated with the rest of the plating operations. A chronology of removal is located in the documents section of the Highland Plating website.

2.1.2 Response Actions to Date

On November 9, 2015, land owner's contractor, Northstar began soil excavations. The excavation area was based on the data generated by JAG's soil assessment earlier in the year. Citadel Environmental, land owner's consultant conducted air surveillance during the excavation. The START contractor provided contractor oversight and technical support to the excavation. The START conducted XRF surveys of excavated areas to determine if excavation was completed. On completion of the excavations, Citadel conducted confirmation sampling. The confirmation sampling documented that metal concentrations did not exceed the California Total Threshold Limit Concentration (TTLC) and the total cyanide did not exceed the EPA Region Screening Levels.

During the excavation of the northeast corner of the former footprint of the western building, a complete secondary containment for an additional plating line under the former administrative offices of the structure were discovered. EPA ORC contacted the attorneys for the former property owner concerning what this plating line was. The former owner claimed to have no knowledge of this plating line. Northstar removed all of the concrete infrastructure and contaminated soil associated with this plating line. On December 23, 2015, OSC Wise and the START reviewed the confirmation data and conducted a final site walk. At this time, EPA requires no further action on this site, however if additional plating infrastructure is discovered during the development of the site, the land owner has been directed to notify EPA.

2.1.3 Enforcement

See POLREP # 10.

2.1.4 Progress Metrics

Waste Stream	Quantity	Manifest #	Disposal
Corrosive (D002) and chromium contaminated (D001) contaminated water	30,100 gallons	TBD	Evoqua Water Technologies, LLC, Los Angeles, CA
flush water	2,300 gallons	TBD	Siemens Technology, Vernon, CA Evoqua Water Technologies, LLC, Los Angeles, CA
Non-RCRA Soil	140 cubic yards	TBD	US Ecology, Beatty, NV
Cyanide Liquid	1,820 gallons	TBD	Evoqua Water Technologies, LLC, Los Angeles, CA
NA3082. Hazardous Waste. Liquid, N.O.S. 9, PGIII (Chrome, Selenium)	2,755 gallons	013691044 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3264. Waste Corrosive Liquid. Acidic, Inorganic, N.O.S. 8, PGII (Sulfuric Acid, Chrome	2,894 gallons	013691037 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3264. Waste Corrosive Liquid. Acidic, Inorganic, N.O.S. 8, PGII (Wastewater)	2,918 gallons	013691036 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3266. Waste Corrosive Liquid. Base, Inorganic, N.O.S. 8, PGII (Sodium Hydroxide)	2,083 gallons	013691035 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
NA3082. Hazardous Waste. Liquid, N.O.S. 9, PGIII (Chrome, Selenium)	3,200 gallons	013691045 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3264. Waste Corrosive Liquid. Acidic, Inorganic, N.O.S. 8, PGII (Chrome)	3,000 gallons	013691038 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3264. Waste Corrosive Liquid. Acidic, Inorganic, N.O.S. 8, PGII (Sulfuric Acid)	1040 gallons	013691104 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
NA3082. Hazardous Waste. Liquid, N.O.S. 9, PGIII (Chrome,	2220 gallons	013691056 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA

Lead)			
NA3082. Hazardous Waste, Liquid, N.O.S. 9, PGIII (Chrome)	600 gallons	013691055 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3264. Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8, PGII (Chrome)	2,000 gallons	013691039 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3264. Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8, PGII (Chrome)	3,700 gallons	013691087 JJK	US Ecology, Beatty, NV
UN3264. Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8, PGII (Chrome)	1680 gallons	013691086 JJK	U.S. Ecology, Beatty, NV
NA3082. Hazardous Waste, Liquid, N.O.S. 9, PGIII (Selenium)	180 gallons	013691054 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
NA3082. Hazardous Waste, Liquid, N.O.S. 9, PGIII (Chrome, Selenium)	785 gallons	013691054 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
NON RCRA Hazardous Waste, Liquid, (Nickel)	255 gallons	013691054 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
NON RCRA Hazardous Waste, Liquid, (Wastewater)	1925 gallons	013691058 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3264. Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8 PGII (Chrome)	490 gallons	013691088 JJK	U.S. Ecology, Beatty, NV
UN3264. Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8 PGII (Chrome)	625 gallons	013691088 JJK	U.S. Ecology, Beatty, NV
UN3264. Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8 PGII (Nitric Acid)	730 gallons	013691057 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3264. Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8 PGI (Chrome)	590 gallons	013691057 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3264. Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8 PGII (Chrome)	1,000 gallons	013792019 JJK	Evoqua Water Technologies, LLC, Los Angeles, CA
UN3264. Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. 8 PGII (Chrome)	1,000 gallons	013792020	Evoqua Water Technologies, LLC, Los Angeles, CA
Scrap Metal	160 cubic yards		Unicorn Metals and Recycling Co.
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903073 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	005749303 JJK	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	0079030074 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903124 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903123 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903131 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903130 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903299 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903300 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903308 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903309 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903333 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic	007903332 FLE	U.S. Ecology, Beatty, NV

Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	yards		
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903309 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903310 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903345 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903346 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903347 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903348 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	40 cubic yards	007903362 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903361 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903365 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903364 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903363 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903367 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903366 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903369 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903368 FLE	U.S. Ecology, Beatty, NV
NA3077, Hazardous Waste, Solid, N.O.S. (Chromium, Lead), 9, PGIII RQ (D008, F006)	18 cubic yards	007903370 FLE	U.S. Ecology, Beatty, NV
UN 3264 Waste Corrosive, Liquid, Acidic, Inorganic, N.O.S. (Copper Sulfate)	16 gallons	013770327 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 3264 Waste Corrosive, Liquid, Acidic, Inorganic, N.O.S. (Copper Sulfate)	16 gallons	013770327 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 3264 Waste Corrosive, Liquid, Acidic, Inorganic, N.O.S. (Copper Sulfate)	16 gallons	013770327 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 3266 Waste Corrosive, Liquid, Basic, Inorganic, N.O.S. (Sodium Hydroxide)	16 gallons	013770331 JJK	RHO-CHEM, LLC, Inglewood, CA
Non RCRA Hazardous Waste Liquid (NIMAC Iron Control 8120)	55 gallons	013770331 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 1935 Waste Cyanide Solutions N.O.S. (Potassium Cyanide)	16 gallons	013770336 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 1789 Waste Hydrochloric Acid Solution	5 gallons	013770335 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 1789 Waste Hydrochloric Acid	55 gallons	013770335 JJK	RHO- CHEM, LLC, Inglewood, CA
Non RCRA Hazardous Waste, Liquid (Sodium Phosphite Water)	5 gallons	013770318 JJK	RHO-CHEM, LLC, Inglewood, CA
Non RCRA Hazardous Waste, Liquid (Sodium Phosphite Water)	16 gallons	013770318 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 2926 Waste Flammable	10 gallons	013770328 JJK	RHO-CHEM, LLC,

Solid, Toxic, Organic, N.O.S. (Sodium Nitrobenzoate)			Inglewood, CA
UN 1935 Waste Cyanide Solutions N.O.S. (Potassium Cyanide)	5 gallons	013770328 JJK	21st Century EMn, LLC, Fernley, CA
UN 1263 Waste Paint Related Material N.O.S. (Paint Acetone)	55 gallons	010822936 JJK	Demennen/Kerdoon, Inglewood, CA
UN 1498 Waste Sodium Nitrate	350 gallons	013770313 JJK	RHO-CHEM, LLC, Inglewood, CA
Non RCRA Hazardous Waste, Solid (Diatomaceous Earth)	50 gallons	013770313 JJK	RHO-CHEM, LLC, Inglewood, CA
Non RCRA Hazardous Waste, Liquid (Nickelacetate Water)	55 gallons	013770313 JJK	RHO-CHEM, LLC, Inglewood, CA
Non RCRA Hazardous Waste, Liquid (Nickelacetate Water)	15 gallons	013770313 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 1587, Waste Copper Cyanide	80 gallons	013770320 JJK	21st Century EMn, LLC, Fernley, CA
UN 1587, Waste Copper Cyanide	50 gallons	013770320 JJK	21st Century EMn, LLC, Fernley, CA
UN 1587, Waste Copper Cyanide	50 gallons	013770320 JJK	21st Century EMn, LLC, Fernley, CA
UN 1587, Waste Copper Cyanide	30 gallons	013770320 JJK	21st Century EMn, LLC, Fernley, CA
UN 2789,, Waste Acetic Acid, Glacial	16 gallons	013770316 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 2672, Waste Ammonia Solution	55 gallons	013770316 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 3066, Waste Paint Related Material (Methylene Chloride, Methanol)	55 gallons	013770316 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 2491, Waste Ethanolamine (Monoethanolimine, Water)	55 gallons	013770316 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 3077 Environmentally Hazardous Substance, Solid, N.O.S. (Nickel Hydroxycarbonate)	70 gallons	013770317 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 1789, Waste, Hydrochloric Acid Solution	55 gallons	013770317 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 1824, Waste, Sodium Hydroxide Solution	110 gallons	013770317 JJK	RHO-CHEM, LLC, Inglewood, CA
Non RCRA Hazardous Waste, Liquid (Sodium Hydropophosphate and Water)	55 gallons	013770317 JJK	RHO-CHEM, LLC, Inglewood, CA
UN 1587, Waste Copper Cyanide	50 gallons	013770321 JJK	21st Century EMn, LLC, Fernley, CA
UN 1713, Waste Zinc Cyanide	50 gallons	013770321 JJK	21st Century EMn, LLC, Fernley, CA
UN 1935, Waste Cyanide Solution N.O.S. (Copper Cyanide Solution)	55 gallons	013770321 JJK	21st Century EMn, LLC, Fernley, CA
UN 1935, Waste Cyanide Solution N.O.S. (Copper Cyanide Solution)	55 gallons	013770321 JJK	21st Century EMn, LLC, Fernley, CA
UN 1935, Waste Cyanide Solution N.O.S. (Copper Cyanide Solution)	55 gallons	013770322 JJK	21st Century EMn, LLC, Fernley, CA
UN 1935, Waste Cyanide Solution N.O.S. (Copper Cyanide Solution)	16 gallons	013770322 JJK	21st Century EMn, LLC, Fernley, CA
UN 1935, Waste Cyanide Solution N.O.S. (Copper Cyanide Solution)	20 gallons	013770322 JJK	21st Century EMn, LLC, Fernley, CA
UN 1935, Waste Cyanide Solution N.O.S. (Copper Cyanide Solution)	5 gallons	013770322 JJK	21st Century EMn, LLC, Fernley, CA
UN 2506, Waste Mercury Contained Manufacture Articles	5 pounds	013770325 JJK	Vielia ES Technical Solutions, AzuSa, CA
UN 1993, Waste Flammable Liquid N.O.S. (Acetone)	55 gallons	013770324 JJK	Pacific Resources Recovery Services, Inc., Los Angeles, CA
UN 3098, Waste Oxidizing Liquid, Corrosive, N.O.S. (Sodium Chlorite, Sodium Hydroxide)	16 gallons	013770326 JJK	Rho-Chem LLC, Inglewood, CA
UN 3098, Waste Oxidizing Liquid, Corrosive, N.O.S. (Sodium Chlorite, Sodium Hydroxide)	16 gallons	013770326 JJK	Rho-Chem LLC, Inglewood, CA
UN 3098, Waste Oxidizing	16 gallons	013770326 JJK	Rho-Chem LLC, Inglewood,

Liquid, Corrosive, N.O.S. (Sodium Chlorite, Sodium Hydroxide)			CA
UN 3098, Waste Oxidizing Liquid, Corrosive, N.O.S. (Sodium Chlorite, Sodium Hydroxide)	55 gallons	013770326 JJK	Rho-Chem LLC, Inglewood, CA
UN 1993, Waste Flammable Liquids, N.O.S., (Acetone, Paint), III, (D001)	55 gallons	013770271 JJK	Demunno/Kerdoon
Non-RCRA Hazardous Waste Liquid (Oil, Lubricant)	55 gallons	013770271 JJK	Demunno/Kerdoon
UN3264, Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. (Sulfuric Acid, Phosphoric Acid), 8, III (D002)	55 gallons	013770264 JJK	RHO-CHEM LLC, Inglewood, CA
UN3264, Waste Corrosive Liquid, Acidic, Inorganic, N.O.S. (Phosphoric Acid), 8, III (D002)	55 gallons	013770264 JJK	RHO-CHEM LLC, Inglewood, CA
UN2822 Waste Corrosive Liquids, Toxic, N.O.S. (Trichloroacetaldehyde), 8, (6.1), III (D002)	TBD	013770264 JJK	RHO-CHEM LLC, Inglewood, CA
UN2820 Waste Corrosive Liquid, Flammable, N.O.S. (ethylenediamine methanol), 8, III (D001)	55 gallons	013770264 JJK	RHO-CHEM LLC, Inglewood, CA
UN3082, Waste Environmentally Hazardous Substances Liquid, N.O.S. (Nickel Sulfate), 8, II	55 gallons	013770265 JJK	RHO-CHEM LLC, Inglewood, CA
NA3082, Hazardous Waste Liquid, N.O.S. (chrome)8, III	55 gallons	013770265 JJK	RHO-CHEM LLC, Inglewood, CA
NA3077 Hazardous Waste Solid N.O.S. (chrome) 9, III (D007)	40 gallons	013770265 JJK	RHO-CHEM LLC, Inglewood, CA
Non-RCRA Hazardous Waste Liquid	55 gallons	013770265 JJK	RHO-CHEM LLC, Inglewood, CA
UN 3266, Waste Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Hydroxide), 8, III (D002)	55 gallons	013770266 JJK	RHO-CHEM LLC, Inglewood, CA
UN 3266, Waste Corrosive Liquid, Basic, Inorganic, N.O.S. (Potassium Hydroxide, Ammonium Hydroxide), 8, III (D002)	55 gallons	013770266 JJK	RHO-CHEM LLC, Inglewood, CA
UN 3266, Waste Corrosive Liquid, Basic, Inorganic, N.O.S. (Sodium Metasilicate Sodium Hydroxide), 8, III (D002)	55 gallons	013770266 JJK	RHO-CHEM LLC, Inglewood, CA
UN 3266, Waste Corrosive Liquid, Basic, Inorganic, N.O.S. (Potassium Hydroxide), 8, III (D002)	55 gallons	013770266 JJK	RHO-CHEM LLC, Inglewood, CA
UN 1758, Corrosive Solids, N.O.S. (Sodium Metabisulfite), 8, III	25 pounds	013770267 JJK	RHO-CHEM LLC, Inglewood, CA
UN3265 Waste Corrosive Liquid, Acidic, Organic, N.O.S., (Hydroxyacetic Acid), 8, III	5 gallons	013770267 JJK	RHO-CHEM LLC, Inglewood, CA
UN 3262, Corrosive Solid, Basic, Inorganic, N.O.S., (Caustic Soda, Limestone), 8, III	60 pounds	013770267 JJK	RHO-CHEM LLC, Inglewood, CA
UN3260, Corrosive Solid, Acidic, Inorganic, N.O.S., (Ammonium Bifluoride), 8 III	25 pounds	013770267 JJK	RHO-CHEM LLC, Inglewood, CA
UN1325, Waste Flammable Solid, Toxic, N.O.S. (ink powder), 4.1, III	TBD	013770268 JJK	RHO-CHEM LLC, Inglewood, CA
UN3087 Waste Oxidizing Solid, Toxic, N.O.S., (Chromic Acid, Barium Nitrate), 5.1, (8.1), II	15 pounds	013770268 JJK	RHO-CHEM LLC, Inglewood, CA
UN3072, Waste Oxidizing Solid, Toxic, N.O.S., (Potassium Dichomate), 5.1, III (D007)	25 pounds	013770268 JJK	RHO-CHEM LLC, Inglewood, CA
Non-RCRA Hazardous Waste Solid (Powder Dye)	TBD	013770268 JJK	RHO-CHEM LLC, Inglewood, CA
UN1436, Waste Zinc Power,	5 pounds	013770270 JJK	RHO-CHEM LLC,

4.1, I			Inglewood, CA
UN3288, Toxic Solid Inorganic, N.O.S. (Sodium Fluoride), 6.1, III	25 pounds	013770270 JJK	RHO-CHEM LLC, Inglewood, CA
UN2611 Toxic Solid Inorganic, N.O.S., (Oxalic Acid), 6.1, III	25 pounds	013770270 JJK	RHO-CHEM LLC, Inglewood, CA
UN3287 Toxic Liquids, Inorganic, N.O.S (Nickel Sulfate, Magnesium Fluorosilicate), 6.1, II	55 gallons	013770270 JJK	RHO-CHEM LLC, Inglewood, CA
Non-RCRA Hazardous Waste Liquid(oil)	110 gallons	013770272 JJK	RHO-CHEM LLC, Inglewood, CA
Non-RCRA Hazardous Waste Liquid (Ethylene Glycol)	110 gallons	0137702702JJK	RHO-CHEM LLC, Inglewood, CA
MAPP Gas Cylinders	5 gallons	Bill of Lading	Stoody Industrial
UN1950 Aerosols, Flammable, 2.1 "Universal Waste"	5 gallons	Bill of Lading	Veolia ES Technical Solutions, LLC
UN 1992 Waste Flammable Liquids, N.O.S. (Acetone, Paint, 3, III	1 cubic yard	013770271 JJK	Demeno Kerdoon
Non-RCRA Hazardous Waste Liquid (Oil, Lubricant)	1 cubic yard	013770271 JJK	Demeno Kerdoon
RQ. NA3082 Hazardous Waste, Liquid, NOS (Water from Plating Shop), 9, III	4,700 gallons	007903537 FLE	Evoqua Water Technologies, LLC
RQ, NA3082 Hazardous Waste, Liquid, NOS (Water from Plating Shop), 9, III	4,850 gallons	007903536 FLE	Evoqua Water Technologies, LLC
RQ. NA3082 Hazardous Waste, Liquid, NOS (Water from Plating Shop), 9, III	1,600 gallons	007903551 FLE	Evoqua Water Technologies, LLC
RQ. NA3082 Hazardous Waste, Liquid, NOS (Chromium, Barium), 9, III	4,250 gallons	007903646 FLE	US Ecology
RQ. NA3082 Hazardous Waste, Liquid, NOS (Chromium, Barium), 9, III	4,900 gallons	007903647 FLE	US Ecology
RQ. NA3082 Hazardous Waste, Liquid, NOS (Chromium, Barium), 9, III	4,800 gallons	007903649 FLE	US Ecology
RQ. NA3082 Hazardous Waste, Liquid, NOS (Chromium, Barium), 9, III	3,800 gallons	008258016 FLE	US Ecology
RQ, NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	50 cubic yards	008258096 FLE	US Ecology
RQ, NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	20 cubic yards	008258097 FLE	US Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	23 tons	008948612 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	23 tons	008948613 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	23 tons	008948614 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	23 tons	008948632 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	23 tons	008948633 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	23 tons	008948634 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	17 tons	008948635 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	9 tons	008538753 JJK	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	18 yds3	0088705970 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	18 yds3	0088705981 FLE	U.S. Ecology

NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	18 yds3	0088705980 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	18 yds3	0088705979 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	18 yds3	0088705977 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	18 yds3	0088705969 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	18 yds3	0088705968 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	18 yds3	0088705967 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	18 yds3	0088705966 FLE	U.S. Ecology
NA3077 Hazardous Waste, solid, nos. (chromium, lead). 9, III	18 yd3	0088705965 FLE	U.S. Ecology
RQ, NA3082, Hazardous Waste Liquid, n.o.s., (F006, F007), 9, PG III	885 gal	0088705949 FLE	U.S. Ecology
RQ, NA3082, Hazardous Waste Liquid, n.o.s., (F006, F007), 9, PG III	1095 gal	0088705949 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705978 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705982 FLE	U.S. Ecology
RQ, NA3082 Hazardous Waste Liquid, N.O.S. (F006, F007), 9, PG 111	250 gal	008706015 FLE	U.S. Ecology
RQ, NA3082 Hazardous Waste Liquid, N.O.S. (F006, F007), 9, PG 111	135 gal	008706015 FLE	U.S. Ecology
R3077, Hazardous Waste Solid (Chromium) 9, PG III (D007)	40 yd3	008706863 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705984 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705983 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705970 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705981 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705980 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705979 FLE	U.S. Ecology
008705949 FLE	18 yd3	008705977 FLE	U.S. Ecology
RQ, NA3082, Hazardous Waste Liquid, N.O.S. (F006, F007), 9 PG III	3850 gal	008705949 FLE	U.S. Ecology
RQ, NA3082, Hazardous Waste Liquid, N.O.S. (F006, F007), 9 PG III	1045 gal	008705949 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705969 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705968 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705967 FLE	U.S. Ecology
RQ, NA3077, Hazardous	18 yd3	008705966 FLE	U.S. Ecology

Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)			
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705965 FLE	U.S. Ecology
Non-Friable Asbestos Waste	10 yd3	87427	Azuza Land Reclamation
RQ, UN 3432, Polychlorinated Biphenyls, Solid, 9, PG III	1 drum	001325675 FLE	Lighting Resources
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705971 FLE	U. S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705972 FLE	U. S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705973 FLE	U. S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705974 FLE	U. S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705971 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706127 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706135 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706136 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706137 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706138 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706139 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706140 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706141 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706142 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706143 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706144 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706145 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706146 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706180 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706181 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706182 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706183 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706184 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706185 FLE	U.S. Ecology

nickel), PG III(D009, D010)			
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706186 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706187 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706188 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706189 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706190 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706191 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706192 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706193 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706194 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706195 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706196 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, nickel), PG III(D009, D010)	18 yd3	008706197 FLE	U.S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705994 FLE	U. S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705995 FLE	U. S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705996 FLE	U. S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705997 FLE	U. S. Ecology
RQ, NA3077, Hazardous Waste Solid, N.O.S. (chromium, cyanide), PG III(D007,F007)	18 yd3	008705998FLE	U. S. Ecology

2.2 Planning Section

No further EPA actions are anticipated at this time.

2.3 Logistics Section

NA

2.4 Finance Section

2.4.1 Narrative

See POLREP No. 9.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$20,000.00	\$17,545.00	\$2,455.00	12.28%
IAGs	\$30,000.00	\$0.00	\$30,000.00	100.00%
START	\$225,824.00	\$210,168.00	\$15,656.00	6.93%

Intramural Costs				
Total Site Costs	\$275,824.00	\$227,713.00	\$48,111.00	17.44%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

NA

3. Participating Entities

NA

4. Personnel On Site

See Operations Section.

5. Definition of Terms

ACT: Advanced Chemical Transport, Inc.
 AIS: American Integrated Systems
 CERCLA: Comprehensive Environmental Response, Compensation and Liability Act
 CFR: Code of Federal Regulations
 DCE: Demolition, Construction and Environmental Services, Inc.
 DFW: California Department of Fish and Wildlife
 DMP: Data Management Plan
 DQO: Data Quality Objectives
 DTSC: California Department of Toxic Substance Control
 EPA: U.S. Environmental Protection Agency
 FES: Frey Environmental Services
 HAZWOPER: Hazardous Waste Operations and Emergency Response, 29 CFR 1910.120
 HCN: Hydrogen Cyanide
 HHMD: Health Hazmat: Los Angeles County Fire Department Health Hazardous Materials Division
 IAP: Incident Action Plan
 LAFD: City of Los Angeles Fire Department
 LAIW: City of Los Angeles Industrial Waste
 LAWSP: City of Los Angeles Watershed Protection
 NFRA: Notice of Federal Response Action
 OSC: On-Scene Coordinator
 PRP: Potentially Responsible Party
 QASP: Quality Assurance Sampling Plan
 START: Superfund Technical Assessment and Response Team
 TTL: Total Threshold Limit Concentration
 XRF: X-Ray Fluorescence Spectrometer

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.epaosc.org/HighlandPlating>

This is the FINAL POLREP.

7. Situational Reference Materials

The website(<http://www.epaosc.org/HighlandPlating>) documents section has the IAP, NFRA and other documents.