



October 6, 2008

Danielle Stefani  
Hazardous Materials Coordinator  
Livermore Pleasanton Fire Department  
3560 Nevada Street  
Pleasanton, CA 94566

RE: Additions to August 5, 2008 Site Investigation  
and Cleanup Work Plan for the Nica Metals  
Facility at 6491 Southfront Road, Livermore,  
California

Dear Ms. Stefani:

Weiss Associate (Weiss) prepared this letter on behalf of Nica DMT, Inc. (Nica) to provide additional detail regarding proposed activities presented in Section 2 of the Site Investigation and Cleanup Work Plan dated August 5, 2008 submitted to your agency for the subject site. The detail includes:

- schedule for Livermore Pleasanton Fire Department (LPFD) oversight
- procedures for handling saddle tanks
- procedures for handling miscellaneous oily scrap in roll-off bin
- waste characterization and disposal procedures

## **LIVERMORE PLEASANTON FIRE DEPARTMENT OVERSIGHT**

Nica proposes to conduct the cleanup activities detailed herein on Thursday, October 9<sup>th</sup>, 2008, commencing at approximately 8 AM. Weiss understands that LPFD representatives would like the opportunity to inspect the operation. LPFD will be notified at least 24 hours in advance of any change to the proposed schedule.

A Weiss Field Operations Supervisor (Charles Crocker, 510-599-8933) who is properly trained in accordance with U.S. Environmental Protection Agency<sup>1</sup>, and U.S. and California Occupational Safety and Health Administration<sup>2,3</sup> requirements applicable to hazardous waste

---

<sup>1</sup> 40 C.F.R. § 311.1, Worker Protection

<sup>2</sup> 29 Code of Federal Regulations 1910.120, Hazardous Waste Operations and Emergency Response

<sup>3</sup> Title 8, California Code of Regulations, §5192, Hazardous Waste Operations and Emergency Response

operations and is experienced in such operations, will supervise and document these activities. Health and Safety Plan (revised October 3, 2008) and a Spill Control Plan are included in Appendices A and B to this letter, respectively. All on-site workers will attend a tailgate meeting before work commences. Environmental protection and health and safety concerns will be discussed during the tailgate meeting.

## **PROCEDURES FOR HANDLING SADDLE TANKS**

Six diesel saddle tanks exist at the site. Product will be removed from these tanks and containerized for off-site disposal or recycling. The tanks will then be cleaned and sent to another Nica facility for recycling. The saddle tanks will be managed in accordance with: 1) EPA regulations contained in Section 40 CFR §261.7(b)(1) – Residue of Hazardous Waste in Empty Containers; 2) California Code of Regulations, Title 22, Division 4.5, Chapter 11, §66261.7(b) and (e)(2) – Contaminated Containers; and 3) US Department of Transportation regulations, 49 CFR §173.2 – Hazardous Materials Classes. The following specific procedures will be followed for emptying, cleaning, and removing the fuel tanks:

1. The contents of each tank will be hand-pumped into a U.S. Department of Transportation (DOT)-approved 55-gallon drum.
2. The tanks will then be elevated so that any remaining free product will drain into the drums.
3. Waste drums will be labeled stored onsite pending off-site disposal.
4. The inside of the tanks will be rinsed with water and detergent. The rinse water will be captured and placed in the DOT drums.
5. The atmosphere inside each tank will be characterized using a Lower Explosive Level and Oxygen (LEL/O<sub>2</sub>) meter to ensure that no flammable/explosive vapors remain in the tank.
6. If vapors remain above the lower explosive limit, the tanks will be re-rinsed and the tank atmosphere will be re-characterized. This process will be repeated until no flammable/explosive vapors remain in the tank.
7. Each tank will be rendered in-operable, marked as clean and transported to the Nica facility at 248 Industrial Drive in Stockton, California for recycling.

## **PROCEDURES FOR HANDLING MISCELLANEOUS OILY SCRAP IN ROLL-OFF BIN**

A roll-off bin containing scrap metal consisting of a truck radiator, various other vehicle-related parts, and what appears to be a large rectangular fuel tank, is present at the Site. Oil adheres to some these parts and to the floor of the dumpster. The following procedures will be followed for managing this scrap metal:

1. Any fuel tanks in the existing roll-off bin will be segregated and handled according to the procedures for handling fuel tanks described above.
2. A new roll-off bin will be brought to the Site.
3. Scrap metal will be removed from the existing roll-off bin, cleaned, and placed into the new roll-off bin.
  - a. Any oil and/or free liquid present will be removed from the scrap material by draining it into a 55-gallon drum, or by placing it onto drip pans with absorbent material.
  - b. The accessible areas of the scrap items will be cleaned with an absorbent rag.
4. Free oil and/or other liquids will be removed from the existing roll-off bin.
  - a. To the extent possible, the material will be pumped into a 55-gallon drum.
  - b. Absorbent material will be applied to the base of the bin and then shoveled into drums or other DOT approved containers.
5. Both bins will be transported to the Nica facility at 248 Industrial Drive in Stockton California.
6. All drummed waste, including rags and absorbent material will be disposed / recycled off-site in accordance with all applicable regulations.

## **WASTE DISPOSAL PROCEDURES**

All waste will be managed by Evergreen Oil, Inc. (EPA ID# CAD982413262) as follows:

- Based on process knowledge, diesel or gasoline fuel will be presumed to be non-RCRA hazardous waste (California Waste Code 213, hydrocarbon solvents (benzene, hexane, Stoddard, etc.) and will be sent off-site under a hazardous waste manifest for recycling at an approved facility.
- Water from fuel tank rinsing will be presumed to be non-RCRA hazardous waste (California Waste Code 133, Aqueous solution with less than 10% total organic residues) and will be sent off-site under a hazardous waste manifest for recycling at an approved facility.
- Based on process knowledge, waste oil will be presumed to be non-RCRA hazardous waste (California Waste Code 221, Waste oil and mixed oil) and will be sent off-site under a hazardous waste manifest for recycling at an approved facility.
- Based on process knowledge, oily rags and absorbent will be presumed non-RCRA hazardous waste (California Waste Code 223, Unspecified oil-containing waste) and will be sent off-site under a hazardous waste manifest for recycling at an approved facility.

Danielle Stefani  
October 6, 2008

4

## CLOSING

Nica is committed to ensuring a timely cleanup at this property in accordance with applicable rules and regulations. We look forward to working with you on this clean-up and welcome your assistance. Please don't hesitate to contact me at 510-450-6191, or [sab@weiss.com](mailto:sab@weiss.com), with any questions or further clarifications.

Sincerely,  
Weiss Associates



Scott Bourne, P.E., C72817  
Senior Project Engineer

Encl. Appendix A: Health and Safety Plan  
Appendix B: Spill Control Plan

Cc: Jerry Wickham, Jerry Wickham, PG, Senior Hazardous Materials Specialist, Alameda County Health Care Services Agency, Environmental Protection, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

SAB:skh

J:\NICA DMT\SOUTHFRONT SITE\L1STEFANI08\_V3.DOC

## **APPENDIX A**

### **HEALTH AND SAFETY PLAN**

---

# PROJECT HEALTH AND SAFETY PLAN

---

Hazardous Materials Cleanup for the Nica metals Facility at 6491 Southfront Road,  
Livermore, California

Weiss Project # 395-1864-2-1

---

## 1.0 ACRONYMS AND ABBREVIATIONS

CFR	Code of Federal Regulations
PHSP	Project Health and Safety Plan
SHSO	Site Health and Safety Officer

## 2.0 PROJECT INFORMATION

This Project Health and Safety Plan (PHSP) is for work performed by Weiss Associates (Weiss) at Nica Metal Facility at 6491 Southfront Road, Livermore, California. The plan is prepared for the specific site conditions, purposes, tasks and dates. If these conditions change, this plan will be amended and reviewed by those named in Section 1.2. This PHSP is intended to meet the requirements of:

- 29 CFR 1910 - Occupational Safety and Health Standards
- 29 CFR 1926 - Safety and Health Regulations for Construction

### 2.1 *Subcontractors*

Subcontractors are required to comply with this PHSP or prepare their own equally or more stringent health and safety plan. In the case that Weiss subcontracted workers are on Site, the SHSO will review subcontractor health and safety plans to ensure all aspects of subcontractor responsibilities for this project are addressed.

### 2.2 *Site Description*

Site: NICA DMT, INC, 6491 Southfront Road, Livermore, CA 94551

Weather (forecast): Sunny, Temperature: 51 (min)-81(max) F, Precipitation: 0%.

Client Contact: Harold Mendoza, Contact Number: 925-443-6422

Site Contact: Charles Crocker, Contact Number: (510) 599-8933

Project Manager: Scott Bourne, Contact Number: 925-443-6422

### 2.3 *Project Tasks*

Work to be completed at Nica Metals Facility at 6491 Southfront Road, Livermore, California includes removing all hazardous materials and wastes from the site. Project tasks associated with this project include overseeing the following: emptying, cleaning, and removing the fuel tanks, managing oily metal scrap along with waste profiling and disposal.

Additional information regarding specific tasks can be found in Site Investigation and Cleanup Work Plan for the Nica Metals Facility (Weiss, 8/6/2008) and the Additions to August 5, 2008 Site Investigation and Cleanup Work Plan (Weiss, 10/6/2008)/

### 3.0 PROJECT PERSONNEL

Key personnel responsibilities are detailed in Section 2 of the Corporate Health and Safety Program (Weiss 2007). Personnel identified for this project are listed below.

Table 3-1. Key Personnel

Name	Role	Phone Number(s)
Client – Nica Metals, Inc	Harold Mendoza, Technical Support	Office: 209-234-4300 Mobile: 510-773-83714
<b>Weiss Associates Staff</b>		
	Project Manager: Scott Bourne (Project Management)	Office: 510-450-6191 Mobile:
	Health & Safety Program Manager: Agata Sulczynski	Office: 510-450-6119 Mobile: 415-516-4972
	Project Lead: Crocker Charles (Field operation supervisor)	Office: (650)968-7000 Mobile: (510) 599-8933
	Field Team Lead: Crocker Charles (Field operation supervisor)	Office: (650)968-7000 Mobile: (510) 599-8933
	SHSO: Crocker Charles (Field operation supervisor)	Office: (650)968-7000 Mobile: (510) 599-8933

#### Other Personnel

Notes

### 4.0 HAZARD ASSESSMENT

This section discusses chemical, physical, and environmental hazards to workers on the site associated with the project tasks listed in Section 2.0.

#### 4.1 Activity Hazard Analyses

Activity Hazard Analyses (AHAs) are provided for all anticipated activities to be conducted on Site and are included in Appendix A of this PHSP. [Electronic AHAs may be found at <M:\SAFETY\Corp Health Safety Program\App A AHAs>. Each AHA should be reviewed and modified to reflect project-specific hazards and attached as Appendix A].

The following AHAs are included:

Table 4-1. Activity Hazard Analyses

No.	Activity	No.	Activity
<input type="checkbox"/> 01	Office	<input type="checkbox"/> 09	Soil Gas Sampling
<input type="checkbox"/> 02	Warehouse	<input type="checkbox"/> 10	Drilling, Including Soil Boring and Well Installation
<input type="checkbox"/> 03	Field and Geological Survey	<input type="checkbox"/> 11	Rig and Crane Operation
<input type="checkbox"/> 04	Well Survey	<input checked="" type="checkbox"/> 12	Tank Demolition
<input type="checkbox"/> 05	Well Development	<input type="checkbox"/> 13	Treatment System Installation
<input type="checkbox"/> 06	Groundwater Sampling	<input type="checkbox"/> 14	Extraction System Operation and Maintenance
<input type="checkbox"/> 07	Storm Water Sampling	<input checked="" type="checkbox"/> 01	Other: Emptying, removing, cleaning fuel tanks
<input type="checkbox"/> 08	Aquifer Testing	<input checked="" type="checkbox"/> 02	Other: Handling oily metal scrap

#### 4.2 Physical Hazards

The following physical hazards may be encountered at the Site.

<input type="checkbox"/> Confined Space	<input checked="" type="checkbox"/> Heavy Equipment Operation	<input type="checkbox"/> Traffic
<input type="checkbox"/> Cryogenic Materials	<input checked="" type="checkbox"/> Lifting Heavy Objects	<input type="checkbox"/> Trenching
<input type="checkbox"/> Electrical	<input checked="" type="checkbox"/> Noise	<input type="checkbox"/> Underground Utilities
<input type="checkbox"/> Excavation	<input type="checkbox"/> Overhead Power Lines	<input checked="" type="checkbox"/> Uneven/Wet Surfaces (slips, trips, falls)
<input checked="" type="checkbox"/> Explosion/Fire	<input checked="" type="checkbox"/> Power and Hand Tools	<input type="checkbox"/> Work over Water
<input type="checkbox"/> Fall Hazards	<input type="checkbox"/> Radiation	<input type="checkbox"/> Other (Explained below)

Heavy Equipment Operation: Emptying, cleaning and removing the fuel tanks. Transportation and disposal of waste.

Lifting Heavy Object: Emptying, cleaning and removing the fuel tanks.

Power and Hand Tools: Tank cleaning and transportation.

Explosive/Fire: Flammable gas in the tanks which will be removed by water and inert nitrogen gas.

### 4.3 Biological Hazards

The following biological hazards may be encountered at the Site. [list hazards —e.g., poison oak, cacti, brown recluse spider, bees/wasps, red/fire ants, scorpions, rattle snakes, dogs, etc.)

### 4.4 Chemical Hazards

The following hazardous materials may be encountered at the Site [include asbestos and LBP].

Table 4-2. Project Site Hazardous Materials

Hazardous Material	Free Phase	In Groundwater	In Soil	PEL/TWA	IDLH	Carcinogen yes/no
Diesel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	300 ppm	600 ppm	
Unknown Oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A		
Gasoline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	100 ppm		
MTBE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50 ppm		
Benzene	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1 ppm	500	Y
Toluene	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	100 ppm	2,000	Y
Ethyl Benzene	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	50 ppm	2,000	Y
Xylenes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	100 ppm	900	Y

Note: Material Safety Data Sheets (MSDS) for compounds listed above are provided in Appendix B.

These additional hazards may be present at the site:

- Air concentrations may exceed 10% of the Lower Explosive Limit (LEL).
- Air concentrations may exceed OSHA Permissible Exposure Levels (PEL) 8 hour Time Weighted Average (TWA) for the following substances:

#### Hazard Controls

All hazard controls identified in the AHAs should be followed. Additionally, the following HSPs apply:

Table 4-3. Applicable Health and Safety Procedures

No.	Title	No.	Title
<input checked="" type="checkbox"/> 01	Health and Safety Forms	<input checked="" type="checkbox"/> 18	Personal Protective Equipment
<input checked="" type="checkbox"/> 02	Employee and Subcontractor Training	<input type="checkbox"/> 19	Respiratory Protection
<input type="checkbox"/> 03	Office Safety	<input type="checkbox"/> 20	Bloodborne Pathogen Exposure Control
<input type="checkbox"/> 04	Ergonomics	<input type="checkbox"/> 21	Confined Space Entry Requirements
<input checked="" type="checkbox"/> 05	Physical Hazards Management	<input type="checkbox"/> 22	Vats, Pans, and Tanks
<input checked="" type="checkbox"/> 06	Manual Lifting	<input type="checkbox"/> 23	Trenching and Excavation



- |   |   |
|---|---|
| <input checked="" type="checkbox"/> 07 Hand Tools Safety    | <input type="checkbox"/> 24 Electrical Safety                                 |
| <input type="checkbox"/> 08 Ladder Safety                   | <input type="checkbox"/> 25 Control of Hazardous Energy (Lockout/Tagout)      |
| <input type="checkbox"/> 09 Biological Hazards Management   | <input type="checkbox"/> 26 Fire Prevention and "Hot Work" Permitting         |
| <input type="checkbox"/> 10 Heat and Cold Stress Management | <input checked="" type="checkbox"/> 27 Handling Drums and Containers          |
| <input type="checkbox"/> 11 Hearing Conservation            | <input type="checkbox"/> 28 Site Control and Work Zones                       |
| <input type="checkbox"/> 12 Process Safety Management       | <input type="checkbox"/> 29 Safety and Health Signs and Labels                |
| <input type="checkbox"/> 13 Compressed Gases                | <input checked="" type="checkbox"/> 30 Spill and Discharge Control Plan       |
| <input type="checkbox"/> 14 Hazard Communication & Prop 65  | <input checked="" type="checkbox"/> 31 Decontamination Procedures             |
| <input type="checkbox"/> 15 Air Monitoring                  | <input checked="" type="checkbox"/> 32 Site Specific Emergency Response Plans |
| <input type="checkbox"/> 16 Asbestos                        | <input type="checkbox"/> O1 Other: [Describe]                                 |
| <input type="checkbox"/> 17 Lead Based Paint                | <input type="checkbox"/> O2 Other: [Describe]                                 |

#### 4.5 Air Monitoring

Based on Weiss HSP-15, air monitoring will not be required for project activities conducted at the Nica Metals Facility at 6491 Southfront Road, Livermore, California.

Air in the work area will be monitored at least:

- once per hour     once per 1/2 hour     As material is generated     Other (Specify)

Monitoring equipment to be used:

- Organic Vapor Meter (PID/FID)     Combustible Gas Indicator     Other
- Color ( Draeger ) Tubes (Refer to Attached Flow Chart)     Oxygen Indicator     Other

#### 5.0 PERSONAL PROTECTIVE EQUIPMENT

Weiss HSP-18 defines PPE requirements for various categories of hazards. The minimum level of PPE used for field activities shall be:

- None     D     Modified D     C     B     A     Other (check PPE below)

Minimal PPE required:

- Steel-toed boots or shoes     Chemical resistant outer gloves     Hearing protection
- Hard hat     Cotton coveralls     Other (Specify)
- Chemical-resistant inner gloves     Safety glasses with side shields     Other (Specify)

Respiratory protection required:

- Half Face     Full Face     Supplied Air     SCBA

Respirator cartridges to be used: N/A

#### 6.0 TRAINING

Weiss HSP-02 defines training requirements for typical field activities. Additional training may be required depending on project activities, as specified here. All project personnel must be trained on this PHSP. The following specific training topics will be covered prior to commencement of project activities.

- Hazard Communication     Heavy Equipment and Forklift
- Hazards and Protection Limited Training     California Illness and Injury Prevention Program.
- 40-Hour or HAZWOPER     Health Hazard (See section 6.2.11 of the HSP-02)

- |   |  |
|---|--|
| <input type="checkbox"/> Hazardous Waste Supervisor                                 | <input type="checkbox"/> Competent Person  |
| <input checked="" type="checkbox"/> Contingency Plan and General Emergency Response | <input checked="" type="checkbox"/> First-Aid or CPR Providers/Bloodborne Pathogen |
| <input type="checkbox"/> Respirator Use and Maintenance                             | <input type="checkbox"/> Other (Specify)   |

At minimum, one employee certified in first aid and CPR is assigned to be onsite for any project involving hazardous waste activities. This person will also be trained in blood-borne pathogens control.

## 7.0 MEDICAL SURVEILLANCE

Section 4.10 of the Corporate Health and Safety Program defines the medical surveillance requirements. Project personnel will undergo the following medical examinations prior to project commencement:

- |  |   |   |  |
|--|---|---|--|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Fitness for duty | <input type="checkbox"/> Pulmonary function | <input type="checkbox"/> Other (specify) |
|--|---|---|--|

## 8.0 MEETINGS

Safety meeting will be held to ensure that all field personnel and visitors are aware of the health and safety hazards at the site. A Safety Meeting Form (Appendix C) will be completed to reflect the topics covered and personnel attending such meetings. The following meetings are required for this project. [form location: [M:\SAFETY\Corp\\_Health\\_Safety\\_Program\App\\_C\\_Forms](M:\SAFETY\Corp_Health_Safety_Program\App_C_Forms)]

- |   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Project Kick-off Safety Meeting | <input type="checkbox"/> Weekly Safety Meetings  | <input type="checkbox"/> Quarterly Safety Meetings |
| <input type="checkbox"/> Daily Safety Meetings                      | <input type="checkbox"/> Monthly Safety Meetings | <input type="checkbox"/> Other (specify)           |

## 9.0 EMERGENCY PROCEDURES

Appendix D provides an emergency evacuation map and a route map to the nearest medical facility, Kaiser Permanente, 3000 Las Positas Rd, Livermore, California (10 min from location). The facility map depicts locations of first-aid supplies, spill equipment, and other emergency equipment.

### 9.1 Communication

The name, telephone number, and location of police, fire, and other emergency response agencies will be posted on Site at all times.

Table 9-1. Emergency Response Contact Information

#### Emergency Services

Ambulance	911
Fire Department	911
Police	911
Police, Non-Emergency	(510) 777-3333.
Local Emergency	(925) 243-2600
Poison Control	(800) 222-1222

#### Nearest Medical Facility

Kaiser Permanente, 3000 Las Positas Rd, Livermore, California (10 min from location)	(925) 243-2600
[Emergency room direct line]	
<b>Client Contacts : Harold Mendoza</b>	(925) 443- 6422

#### Weiss Contacts

Weiss PM	(510) 450-6191
Weiss HSPM	(510) 450-6119

---

Table 9-1. Emergency Response Contact Information

Weiss Human Resources (510) 450-6000

---

The following communication methods and/or equipment will be implemented during the project.

- 
- |  |   |                                    |
|--|---|------------------------------------|
| <input checked="" type="checkbox"/> Cell phones  | <input type="checkbox"/> Air horn       | <input type="checkbox"/> Car horns |
| <input checked="" type="checkbox"/> Hand signals | <input type="checkbox"/> Facility alarm | <input type="checkbox"/> Other     |
- 

## RECORD KEEPING

Health and Safety records, including field forms, will be retained in the project file. Applicable field forms are included in Appendix C. Records may also be:

- 
- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Provided to the client | <input checked="" type="checkbox"/> Placed in a record repository | <input type="checkbox"/> Other (specify) |
|---|---|--|
- 

## 10.0 APPROVAL

This PHSP has been reviewed and approved by:

\_\_\_\_\_  
Charles Crocker  
Site Health and Safety Officer

10/6/2008  
Date

\_\_\_\_\_  
Scott Bourne  
Project Manager

10/6/2008  
Date

## 11.0 REFERENCES

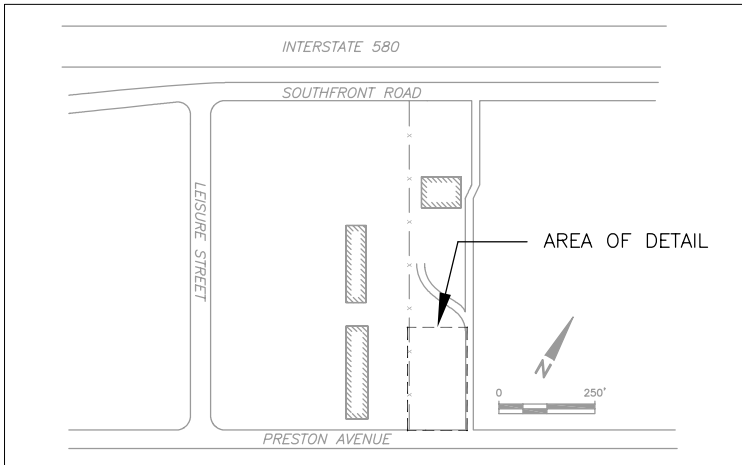
Weiss. 2007. Corporate Health and Safety Program. October.

Weiss. 2008. Site Investigation and Cleanup Work Plan for the Nica Metals Facility at 6491 Southfront Road, Livermore, California. October.







Weiss. 2008. Additions to August 5, 2008 Site Investigation and Cleanup Work Plan for the Nica Metals Facility at 6491 Southfront Road, Livermore, California. October.



**FIGURE**



**EXPLANATION**

-  PROPOSED SOIL BORING
-  SOIL STAINING
-  SADDLE TANK
-  METAL BIN
-  FENCE
-  EXCAVATION AREA

NOTE:  
ONE BORING WILL BE ADDED IN EACH  
SAMPLE GRID FOR SOIL AND GROUND  
WATER SAMPLES

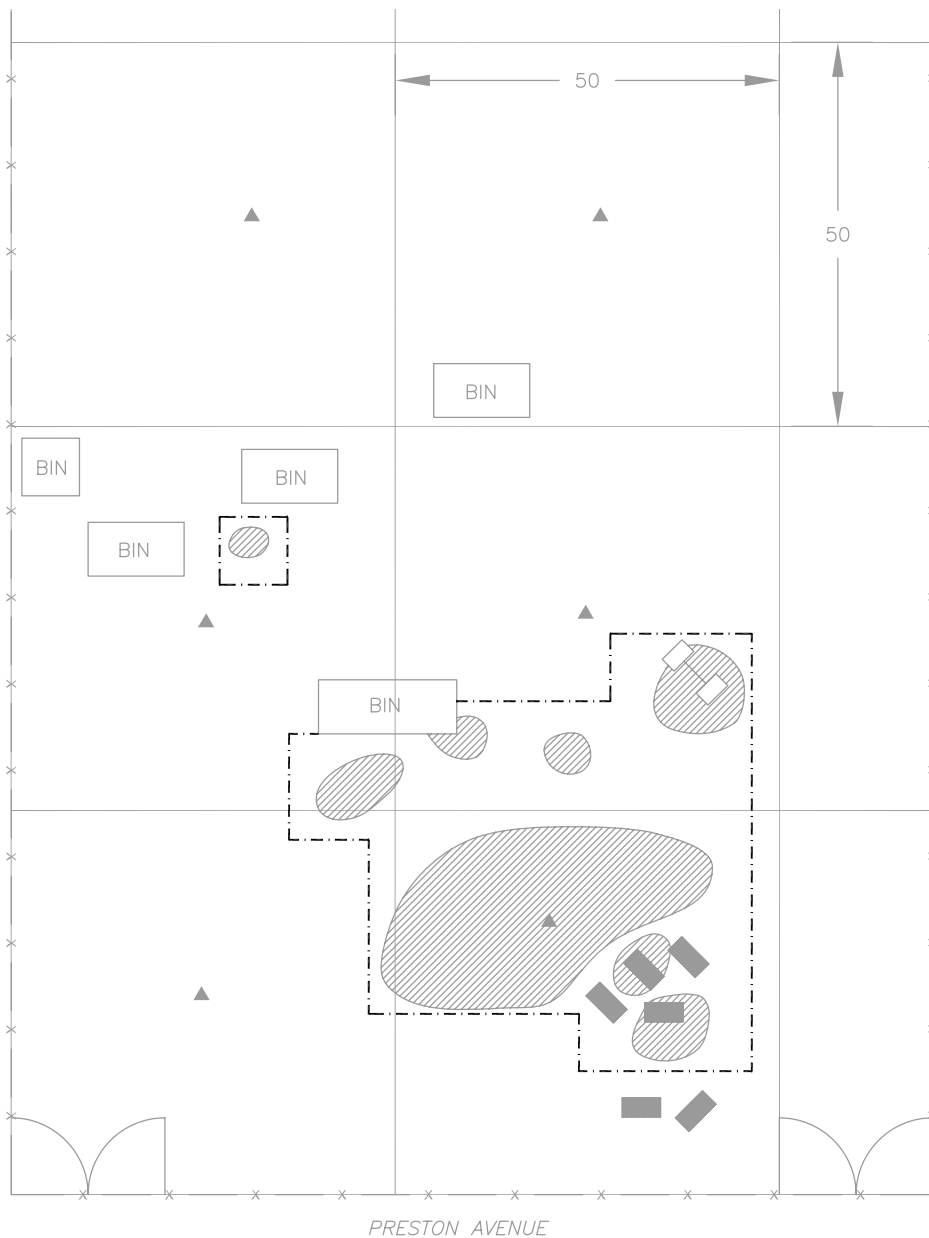


Figure 3. Proposed Excavation Limits, Nica Metals, 6491 Southfront Rd., Livermore, California

## **APPENDIX A**

### **ACTIVITY HAZARD ANALYSES**

## ACTIVITY HAZARD ANALYSIS

ACTIVITY: Tank Demolition

ANALYZED BY: Sol Gutierrez

REVIEWED BY: \_\_\_\_\_

AHA Number: 12

DATE: October 2, 2007

DATE: \_\_\_\_\_

PRINCIPAL STEPS	POTENTIAL HAZARDS	RECOMMENDED CONTROLS
Mobilization to Site	Vehicle Hazards and Traffic	Vehicle operators will adhere to Weiss company vehicle policy (Section 7.12 of the Weiss Policy Manual, 2006).
Demolition of tanks using pneumatic jack-hammer	Exposure to fixed, removable and airborne radioactive contamination.	Personnel must be trained in accordance with the PHSP, SOPs, HSPs, and other supporting documents. Personnel will wear appropriate personal protective equipment (PPE) to prevent inhalation of, or skin contact with, any form of contaminant. A Control Entry Log form will be used for control of any work area involving contaminants. Use of engineering controls will be evaluated. Air monitoring in the area will be conducted to evaluate level of protection and upgrade or downgrade PPE as appropriate (with SHSO or designee approval). Air monitoring will be performed by a health and safety professional in accordance with the PHSP and appropriate HSPs.
	Compressed Air Hazards	Personnel shall be trained in the proper inspection and use of pneumatically powered equipment. All connectors between air hoses and between air hoses and equipment to be properly secured with retaining pins and whip-check devices.
	Flying Debris Hazards	Hard hats, steel toed boots and safety eye wear is required. Use of a faceshield may be necessary.
	Loud Noise Exposure	Use of hear protection devices required. Decibel meter to be used to monitor exposure levels.
	Lifting Heavy Objects	Personnel shall be trained in proper lifting techniques. Two or more people required for objects weighing greater than 75 lbs. Use of proper lifting equipment by trained personnel as instructed by SHSO. Inspect lifting equipment daily at a minimum.
	Heat/Cold Stress	Personnel shall be properly trained to identify signs and symptoms of heat/cold stress. Drinking water will be available. Work shifts will be designed appropriately for environmental conditions.



## **APPENDIX B**

### **HEALTH AND SAFETY PROCEDURES**

## **APPENDIX C**

### **SAFETY FORMS**

---

# SAFETY MEETING FORM

---

## HEALTH AND SAFETY FORM

---

Project \_\_\_\_\_ Facility \_\_\_\_\_

Date \_\_\_\_\_ Time \_\_\_\_\_ Project Number \_\_\_\_\_

Customer \_\_\_\_\_ Address \_\_\_\_\_

Specific Location \_\_\_\_\_

Type of work \_\_\_\_\_

Chemicals Used \_\_\_\_\_

### Safety Topics Presented

Chemical Hazards \_\_\_\_\_

Physical Hazards \_\_\_\_\_

Protective Clothing/Equipment \_\_\_\_\_

Special Equipment \_\_\_\_\_

Emergency Procedures \_\_\_\_\_

Hospital/Clinic \_\_\_\_\_ Telephone \_\_\_\_\_

Location \_\_\_\_\_

Other \_\_\_\_\_

Conducted by \_\_\_\_\_ Signature \_\_\_\_\_

SHSO \_\_\_\_\_ Project Manager \_\_\_\_\_



## **APPENDIX D**

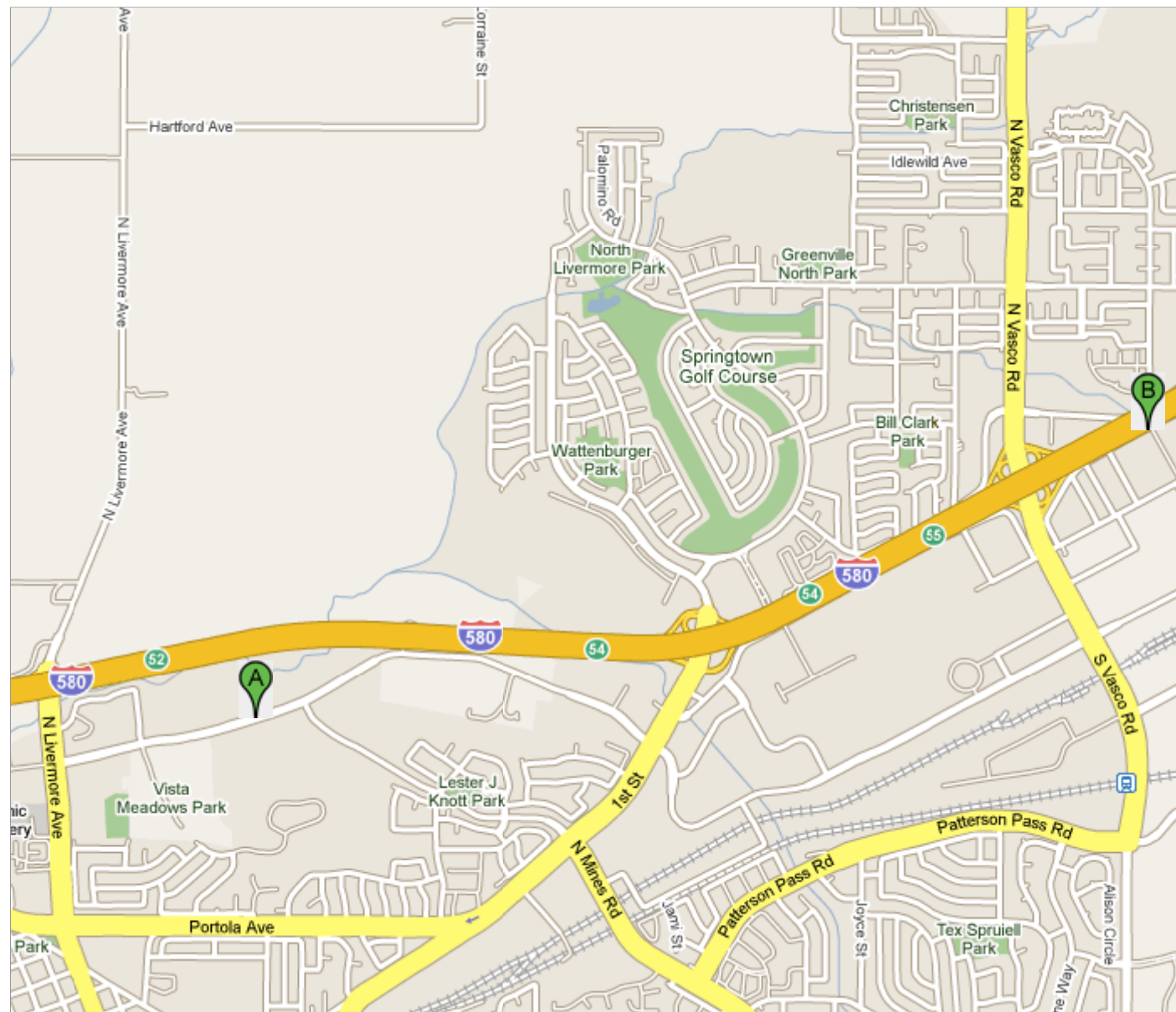
### **HOSPITAL ROUTE MAP**



### Directions to 6491 Southfront Rd, Livermore, CA 94551





4.3 mi – about 8 mins

**Save trees. Go green!**  
Download Google Maps on your phone at [google.com/gmm](http://google.com/gmm)



 **Kaiser Permanente Livermore Medical Offices: General Information**

**3000 Las Positas Rd**  
**Livermore, CA 94551**

- 
- |  |                           |
|--|---------------------------|
| 1. Head <b>west</b> on <b>Las Positas Rd</b> toward <b>Arroyo Plaza</b><br>About 1 min   | go 0.6 mi<br>total 0.6 mi |
|  2. Turn <b>right</b> at <b>J2/N Livermore Ave</b><br>About 1 min                               | go 0.2 mi<br>total 0.8 mi |
|  3. Turn <b>right</b> to merge onto <b>I-580 E</b> toward <b>Stockton</b><br>About 3 mins       | go 2.6 mi<br>total 3.3 mi |
| 4. Take exit <b>55</b> to merge onto <b>S Vasco Rd</b><br>About 1 min  | go 0.4 mi<br>total 3.7 mi |
|  5. Turn <b>left</b> at <b>Preston Ave</b><br>About 1 min                                       | go 240 ft<br>total 3.8 mi |
|  6. Turn <b>left</b> at <b>Southfront Rd</b><br>Destination will be on the right<br>About 1 min | go 0.5 mi<br>total 4.3 mi |

 **6491 Southfront Rd**  
**Livermore, CA 94551**

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2008 Tele Atlas

## **APPENDIX B**

### **SPILL CONTROL PLAN**



---

# HSP-30. SPILL AND DISCHARGE CONTROL

---

## HEALTH AND SAFETY PROCEDURE

---

### 1.0 PURPOSE

This Health and Safety Procedure (HSP) establishes the methods and responsibilities associated with control of spills and accidental discharges. This procedure is applicable to employees and subcontractors.

### 2.0 REFERENCES

2.1 *Corporate Quality Assurance Program (QAP)*

2.2 *Corporate Health and Safety Program (Program)*

2.3 *29 CFR 1910, Occupational Safety and Health Standards*

2.4 *29 CFR 1926, Safety and Health Regulations for Construction*

2.5 *29 CFR 1910.120, Hazardous Waste Operations and Emergency Response*

2.6 *29 CFR 1926.65, Hazardous Waste Operations and Emergency Response*

### 3.0 DEFINITIONS

3.1 *Employee*

Any person employed by Weiss.

### 4.0 RESPONSIBILITIES

4.1 *Project Manager (PM)*

The PM is responsible for the implementation of this procedure.

The PM, in consultation with the Health and Safety Program Manager (HSPM), is responsible for identifying all training requirements pertinent to project activities. The PM is responsible for ensuring all personnel working on a project have received the required training. The PM shall ensure that provisions of applicable documents and regulations are followed.

4.2 *Health and Safety Program Manager (HSPM)*

The HSPM is responsible for the issuance, revision, maintenance, and compliance of this procedure.

### **4.3 Site Health and Safety Officer (SHSO)**

The SHSO is responsible for ensuring and verifying that this procedure is implemented in the field.

### **4.4 Employees**

All employees are responsible for following this procedure as it applies to their work.

## **5.0 SAFETY PRECAUTION/PREREQUISITES**

Prior to conducting this task all applicable personnel shall be familiar with this HSP, and with appropriate sections of the QAP.

Personnel conducting this task shall be aware of hazards and conditions and will wear appropriate personal protective equipment (PPE), as required.

Instruments required to conduct this task shall be properly calibrated in accordance with the manufacturers' requirements, and shall be visually inspected prior to each use. Personnel will be trained in proper operation of equipment and instruments.

This procedure provides contingency measures for potential spills and discharges from handling and movement of hazardous and radioactive materials and waste and possibly contaminated soil and ground water.

### **5.1 General**

Any area used for storage of fuels, lubricants or other construction consumables will be appropriately bermed, diked and/or otherwise contained, so as to prevent spills onto uncontaminated soil. If a spill occurs on uncontaminated soil, appropriate regulatory agencies will be notified as required, and actions will be taken to control, contain, and clean up the spill.

A copy of this procedure will be posted in plain view of any activities where spills may occur.

### **5.2 Project-Specific Plans**

Project-specific spill and discharge control plans (SDCPs) will be developed where there is potential for spills of hazardous and radioactive materials and waste to occur. The following outline will be used in developing SDCPs:

- Introduction
- References
- Problem Definition/Purpose
- Organization and Responsibilities
- General Spill Response Procedures
- Spill and Discharge Control of Extracted Ground Water
- Dust and Runoff Control from Excavated Soil

- Notification of Spills and Discharges
- Inspections
- Records
- Reports

### **5.3 General Spill Response Procedures**

In the event of a spill, the following actions will be taken, as necessary:

- Alert all personnel in the vicinity. Advise them to stay upwind or evacuate, as appropriate.
- Stop the source of the spill, if possible, and without undue risk of personal injury.
- Notify the facility or local fire protection service and report the location and status of the spill.
- Keep out of low areas.
- Take samples for analysis, if necessary, to determine that cleanup is adequate.
- Protect storm drains, sanitary sewers, and other routes that the hazardous material may travel and reach public sanitary systems and natural water resources.
- Identify the hazardous material released and review its Material Safety Data Sheet.
- Keep combustibles away from spilled materials.
- Use water spray or foam as appropriate and compatible with spilled material to reduce vapor or dust generation.
- Remove or retrieve any discharged liquid or sludge.
- Provide first aid and/or decontaminate contaminated personnel.

### **5.4 Notifications of Spills and Discharges**

If in accordance with local, state or Federal regulations, a spill or discharge of fuel or other hazardous substance is reportable and/or human health or the environment are threatened, Weiss will provide verbal notifications to the local emergency authority (dial 911), National Response Center (800-424-8802 or 202-426-2675), and the appropriate state Office of Emergency Services (OES) (800-852-7550 within California). Federal and state OSHAs will be contacted if personal injuries are caused by the spill, in accordance with Weiss Accident Reporting requirements. The PM or other senior Weiss official will be contacted to determine requirements for written notification.

### **5.5 Notification of Releases During Transport**

State highway patrols are to be contacted (dial 911) if there is a release of a hazardous substance or waste during transportation from the project to other locations. The National Response Center must also be notified if the release results in:

- Death of an individual;

- Injuries resulting in hospitalization;
- Property damage in excess of \$50,000; or
- Spilling of radioactive waste.

Follow-up written reports must be filled with the DOT using DOT Form F 5800.1 within 30 days. Each state also has requirements for filing written reports.

### **5.6 *Releases into Waterways***

Releases into waterways of oil in quantities at or above 42 gallons of petroleum products or other hazardous substances at or above their Reportable Quantities (RQs) under Superfund, RCRA, or state hazardous waste laws must be reported to the US Coast Guard and the state Office of Emergency Services.

## **6.0 RECORDKEEPING**

All records generated to comply with this HSP will be maintained in accordance with the Weiss record retention policy or applicable laws and regulations; whichever require a longer retention period (QAP).

## **7.0 ATTACHMENTS**

None.

A form referenced or attached to this HSP may be replaced with a substitute form, with the approval of the HSPM, if the substitute form contains equivalent information as the referenced form.