

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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November 20, 2008

Mr. Walter Pierce
Western Forge & Flange
687 County Road 2201
Cleveland, TX 77327

RE: Summary of November 18, 2008 Teleconference Discussion Regarding Current Status of Western Forge & Flange Facility Closure at 540 Cleveland Ave., in Albany, CA

Dear Mr. Pierce;

Alameda County Department of Environmental Health (ACDEH) requested a conference call to discuss the status of the clean up activity at the subject site and the October sampling data received from Mr. Jim Carro of CDMS (your consultant on record) on November 14, 2008 in the field. The teleconference was attended by Mr. Carro, Mr. Fred Hoffman and yourself for the facility and Sukla De and myself for ACDEH.

The following is a summary of the discussion:

The work plan proposed wipe samples to be collected to determine the adequacy of clean up of the structure. Soil and ground water samples were to be collected to determine the presence of any contamination. Soil samples were collected at one foot and three feet depth and one grab ground water sample was collected. The samples were analyzed for oil & grease (O&G) and metals: cadmium, chromium, nickel, lead and zinc. Oil & grease found in soil ranged from 780 to 6500 ppm. One of the sampling locations (#8) actually had higher concentration of O&G at a lower depth, thus indicating migration of the contamination with potential impact to ground water beneath the site. Only one ground water had been collected and analyzed. Due to lack of required sample volume, the water sample could not be analyzed for Total Petroleum Hydrocarbon (TPH) as diesel, one of the analyte required and asked by ACDEH.

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Mr. Carro and Mr. Fred Hoffman, the consultant geologist on board, suggested 2500 parts per million (ppm) of residual TPH for the soil and 2500 parts per billion (ppb) for ground water as the cleanup standards. We explained to Mr. Carro and Mr. Hoffman during the November 14, 2008 field sampling that these standards were for non-potable drinking water and could only be used if the area was de-designated by the Board.

For areas where the ground water is considered a potential source of drinking water, the Environmental Screening Levels (ESLs) for residual TPH is 410 ppm in soil and 210 ppb in water. The (ESLs) for metals in groundwater are: 5 microgram per liter (ug/L) for cadmium, 50 ug/L chromium, 100 ug/L for nickel and 15 ug/L lead.

The groundwater sample collected found metal concentrations exceeding ESLs.

Regional Water Quality Control Board (RWQCB) designated the area of Albany (where Western Forge is located) as a potential source of drinking water.

For the wipe samples, the cleanup standards are:

- 0.2 ug/100cm² for cadmium
- 3.3 ug/100cm² for chromium
- 10ug/100cm² for nickel
- 4.3 ug/100cm² for lead

These are the standards used by the Department of Energy.

All three wipe samples show high level of contamination, nickel ranging from 2200 to 3000 ug/100 cm², chromium from 160 to 360 ug/100 cm², lead 52 to 270 ug/100 cm². Cadmium was analyzed in one sample only and was above the clean up level.

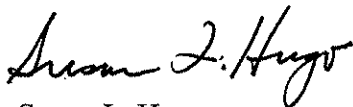
Based on the results of soil and groundwater samples collected, ACDEH has determined that the site requires further soil and ground water investigation and will be transferred to ACDEH LOP Site Remediation Cleanup Program.

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ACDEH CUPA will continue overseeing the clean up and closure of the facility business activity. Results of wipe samples collected showed elevated levels of metals. Further cleanup will be required. Cleanup will be based on land use (i.e. commercial, residential, or industrial) and not on particular business activity of future occupancy.

If you have any questions, please call me at (510) 567-6780 or Sukla De at (510) 304-5446.

Sincerely,



Susan L. Hugo
CUPA Program Manager

cc: Marc McGinn, Albany Fire Chief – 1000 San Pablo Avenue, Albany, CA 94706
Dan Firth, ACDEH HazMat Division Chief
Jim Carro, CDMS – 6515 Trinity Ct. Suite 120, Dublin, CA 94568
Sukla De, CIH Consultant
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