

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



202732

Alameda County CC4580
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

August 19, 1996
STID 5840

REMEDIAL ACTION COMPLETION CERTIFICATION

Edward L. Shimmon, Inc.
ATTN: Edward L. Shimmon, President
3374 Gateway Blvd.
Fremont, CA 94538

RE: Fircrest Property, Fircrest Ave., Newark, CA 94560

Dear Mr. Edward L. Shimmon:

This letter confirms the completion of site investigation at the above described location.

The site had been a repository for slag from an iron foundry about 40 years ago. Approximately 1 foot of the slag covered the property. Several samples were collected, tested for heavy metals, and lead was discovered to be below the total lead level allowed. Lead was also sampled for its solubility and no soluble lead was found in 10 samples across the site. The underlining native soil and groundwater was also sampled and did not have excessive lead or soluble lead.

Future use of the site is to build a slab industrial building surrounded by pavement. This use will allow the slag to remain in its present condition, which does not leach lead into the environment.

Based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the slag which was deposited on the site is required.

Please contact Tom Peacock of this office at (510) 271-4580 if you have any questions.

Sincerely,

Mee Ling Tung, Director
Division of Environmental Health

c: Gordon Coleman, Acting Chief, Hazardous Materials Division - files
Theresa Piper, Director of Finance, Edward L. Shimmon, Inc., 3374
Gateway Blvd., Fremont, CA 94538

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R 02732

August 13, 1996
STID 5840

Alameda County
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577
CC4580

REMEDIAL ACTION COMPLETION CERTIFICATION

Jon K. Wactor, Luce, Forward, Hamilton & Scripps
100 Bush St., 20th Floor
San Francisco, CA 94104

RE: Fircrest Property, Fircrest Ave., Newark, CA 94560

Dear Mr. Jon K. Wactor:

This letter confirms the completion of site investigation at the above described location.

The site had been a repository for slag from an iron foundry about 40 years ago. Approximately 1 foot of the slag covered the property. Several samples were collected, tested for heavy metals, and lead was discovered to be below the total lead level allowed. Lead was also sampled for its solubility and no soluble lead was found in 10 samples across the site. The underlining native soil and groundwater was also sampled and did not have excessive lead or soluble lead.

Future use of the site is to build a slab industrial building surrounded by pavement. This use will allow the slag to remain in its present condition, which does not leach lead into the environment.

Based upon the available information and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the slag which was deposited on the site is required.

Please contact me at (510) 271-4330 if you have any questions.

Sincerely,

Thomas Peacock, Manager
Environmental Protection Division

c: Gordon Coleman, Acting Chief, Hazardous Materials Division - files
Jackie Breitschneider, City of Newark, 37101 Newark Blvd., Newark,
CA 94560
John Adams. Kleinfelder, 1362 Ridder Park Dr., San Jose, CA 95131
Mary Ortendahl, EDAB, QIC 20102

SUMMARY

Approximately 1 foot of the slag covered the property. Much of it was in large pieces, some of it recognizable as iron scrap. Several samples were collected, tested for heavy metals, and lead was discovered to be below the total lead level allowed (TTLc = 1000 ppm), although over 10 times the soluble level allowed (STLc = 5 ppm). Any sample over 10 times the STLc must have the WET test done to assess solubility. Since the underlining soil and groundwater had already been tested and found to be non detectable for lead, it was presumed that lead was not migrating from the slag. However, initial samples did find soluble lead at slightly over the STLc (13 ppm). Initial samples had been ground up and this is a process that has not occurred in nature and is not anticipated to occur during construction. No lead has leached in forty years of weathering of this site.

10 additional samples, including additional analysis of the original samples were taken and the modified WET test was used. Material was also screened to remove large pieces and also to prevent the grinding of pieces, which essentially produces a matrix which did not exist on the site in that form. The modified WET test was discussed with DTSC and Beth Bufton of DTSC concurred with this reasonable approach. Beth Bufton is the coordinator of the Pacific States Steel site, and its slag problem, which is located in adjacent Union City.

Furthermore, during a walk of the site there were 4 areas where a white powdery material was deposited. This material was found to be alkaline and it presumed to be a cement like material. This type of dumping is common around construction sites during the cleaning of mixers and equipment. It should not have any negative effect on the current or future use of the property. A map of the site is attached.

The construction should seal the material and allow even less infiltration of rainfall than that which has occurred in the last 40 years. This site does not pose any environmental or health hazard as it currently exists or is anticipated to be used.

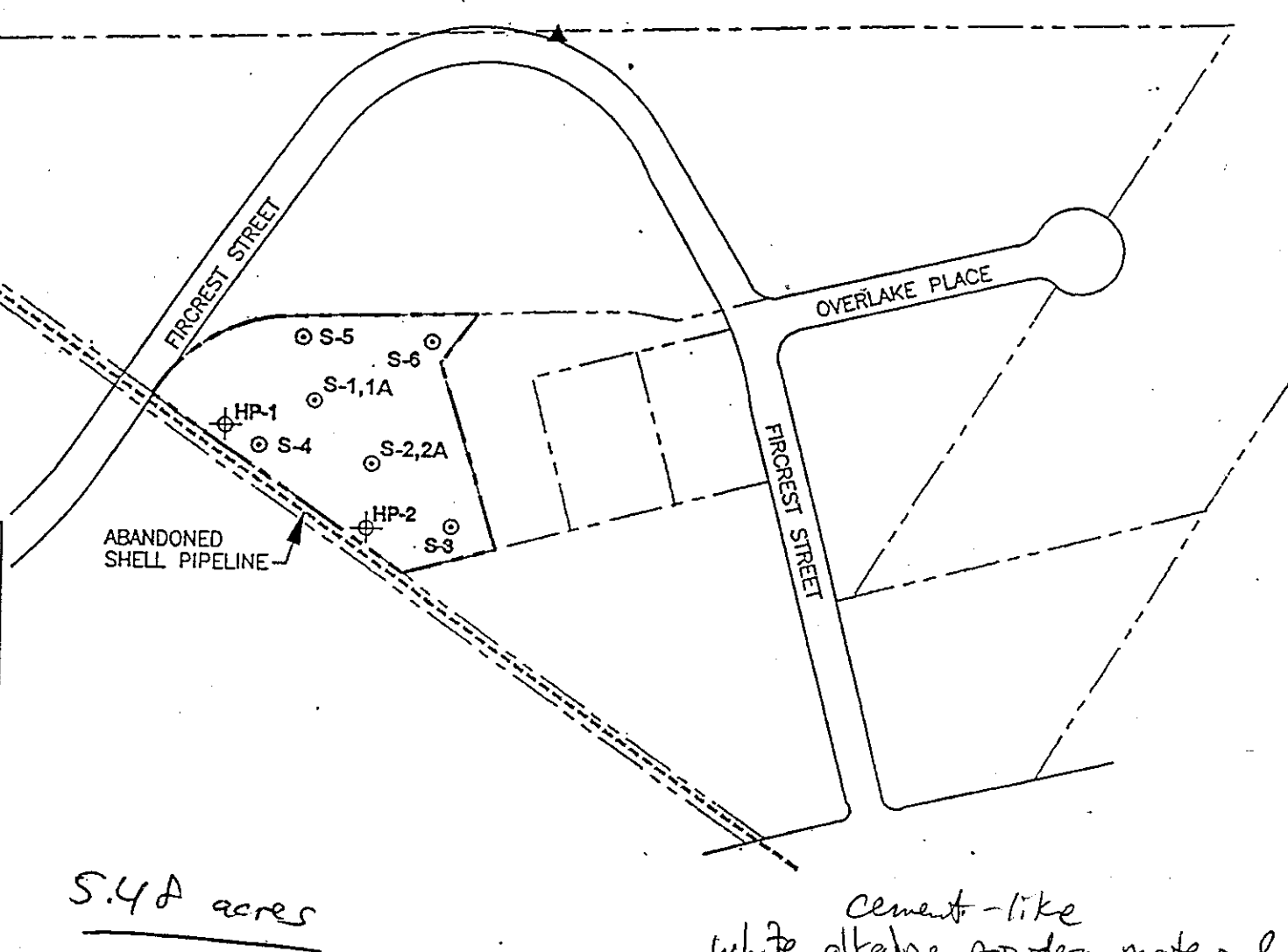
EXPECTED DIRECTION OF REGIONAL GROUNDWATER FLOW (direction based on regulatory agency file review; depth to groundwater is 6.5 to 10 feet)

LEGEND

- SITE BOUNDARY (approximate location)
- ▲ WARNING MARKER FOR PETROLEUM PIPE
- ▼ WARNING MARKER FOR NATURAL GAS LINE
- ⊙ SURFACE SOIL SAMPLE (approximate location)
- ⊕ GROUNDWATER SAMPLE (approximate location)



300 0 300
APPROXIMATE SCALE (feet)



KLEINFELDER

SITE PLAN WITH SAMPLING LOCATIONS

PLATE

DRAFTED BY: L. Sue

DATE: 6-12-96

BEELINE - NEWARK
FIRCREST STREET NEAR OVERLAKE PLACE
NEWARK, CALIFORNIA

2

CHECKED BY: J. Adams

DATE: 6-12-96

PROJECT NO. 12-301910-001