

ENVIRONMENTAL PROFILES, INC.

Site Assessments * Remedial Investigation Feasibility Studies * Soil and Water Sample Collection * Compaction Testing

3977

September 5, 2000

Mr. Barney M. Chan
Alameda County
Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RE: Additional water analysis at the Ameriflight, Inc. Facility, 9171 Earhart Road, Oakland, California 94621

Mr. Chan:

Per your written request dated June 23, 2000 Environmental Profiles, Inc., (EPI) collected groundwater samples from well's MW-1,-2, -3, and -6. On August 9, 2000 prior to collecting samples, each well was purged of approximately 3 well volumes and sampled. Each sample was submitted to a State Department of Health Services (DHS) certified environmental laboratory for preparation and analysis as specified in your letter. The results of the analysis are summarized below in Table 1 - Groundwater Sample Analysis, Lead.

| TABLE 1 - GROUNDWATER SAMPLE ANALYSIS, LEAD | | |
|---|------------------------|------------------------------|
| Ameriflight, Inc. 9171 Earhart Road Oakland, CA 94621 (8-9-00) | | |
| ID | Organic Lead (mg/L) | Total Soluble Lead (mg/L) |
| MW-1 | na | ND |
| MW-2 | na | ND |
| MW-3 | na | ND |
| MW-6 | na | ND |

Notes:

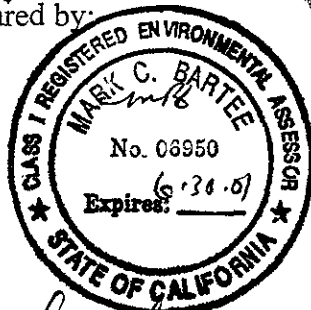
- mg/L = milligrams per liter or ppm
- ND = indicates analyte not detected at or above the laboratory detection limit of 0.005 mg/L
- na = not analyzed

Results of the recent analysis verify the absence of lead at or above the laboratory detection limit of 5.0 micrograms per liter or parts per billion (ppb). This data contrasted with past data illustrates that site groundwater is not impacted with petroleum hydrocarbons or lead.

Based on the data presented, and a review of historical site specific data, EPI recommends the site be granted 'no further action' (NFA) required status for closure.

If you have any questions, comments or require additional information regarding this project, please contact the undersigned at (562) 493-2190 during normal business hours. Thank you.

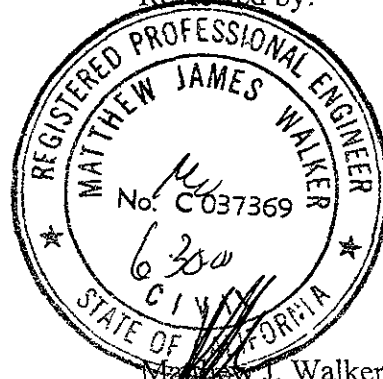
Prepared by:



Mark C. Bartee

Mark C. Bartee
Senior Geologist
REA 06950

Reviewed by:



Matthew J. Walker
Principle Engineer
California Civil Engineer 37369

cc:

Mr. Hernan Gomez
Oakland City Fire Department
505 14th Street
Oakland, California 94612

Mr. Dale Cletke
Port of Oakland
530 Water Street
Jack London Square
P.O. Box 2064
Oakland, CA 94604-2064

Attachments:

- A - Chain of Custody Record and Laboratory Chemical Analysis Results
- B - Regulatory Documentation

ATTACHMENT A
Chain of Custody Record
and
Laboratory Chemical Analysis Results, Groundwater



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

Ordered By

Environmental Profiles, Inc.
5480 Katella Ave., Suite 211
Los Alamitos, CA 90720-2834

Number of Pages 2
Date Received 08/11/2000
Date Reported 08/18/2000

Telephone (562) 493-2190
Attn Mark Bartee

| Job Number | Ordered | Client |
|------------|------------|--------|
| 8806 | 08/11/2000 | ENVPRF |

Project ID: 46591
Project Name:

Enclosed are the results of analyses on 4 samples analyzed as specified on attached chain of custody.

Amolk MOLKY Brar
Laboratory Manager

Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL), accepts sample orders from interested parties with the assumption that all of the information provided to ASL verbally or in writing by clients under the regular course of business being submitted to ASL is complete and accurate. ASL accepts all samples subject to the following conditions:
1. ASL is not responsible for the accuracy of any provided information regarding all samples submitted to the laboratory.
2. ASL is not liable for any consequences resulting from any, in court, testimony, or other representation contained in the report and statement regarding samples submitted to ASL.



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

ANALYTICAL RESULTS

Ordered By

| |
|---|
| Environmental Profiles, Inc. 5480 Katella Ave., Suite 211 Los Alamitos, CA 90720-2834 |
|---|

Telephone: (562)493-2190

Attn: Mark Bartee

Page: 2

Project ID: 46591

Project Name:

| Job Number | Order Date | Client |
|------------|------------|--------|
| 8806 | 08/11/2000 | ENVPRF |

Method: 6010B, Lead (ICP)

| Our Lab I.D. | | 55793 | 55794 | 55795 | 55796 | |
|----------------------------|------------|----------------|----------------|----------------|----------------|--|
| Sample ID | | MW1 | MW2 | MW3 | MW6 | |
| Date Sampled | | 08/09/2000 | 08/09/2000 | 08/09/2000 | 08/09/2000 | |
| Date Extracted | | 08/16/2000 | 08/16/2000 | 08/16/2000 | 08/16/2000 | |
| Preparation Method | | | | | | |
| Date Analyzed | | 08/16/2000 | 08/16/2000 | 08/16/2000 | 08/16/2000 | |
| Matrix | | Water | Water | Water | Water | |
| Units | | mg/L | mg/L | mg/L | mg/L | |
| Detection Limit Multiplier | | 1 | 1 | 1 | 1 | |
| Analytes | PQL | Results | Results | Results | Results | |
| ICP Metals | | | | | | |
| Lead | 0.005 | ND | ND | ND | ND | |

Comment(s):

Total Soluble Lead-Sample filtered with 0.45um filter.

QUALITY CONTROL REPORT

| Analytes | LCS % REC | LCS/LCSD % Limit | | | | | | | | |
|------------|--------------|---------------------|--|--|--|--|--|--|--|--|
| ICP Metals | | | | | | | | | | |
| Lead | 101 | 80-120 | | | | | | | | |

Date: 8.9.00

Page 1 of 1

Chain-of-Custody

ASL# 8806

| | | |
|---|-----------------------|---|
| Prof. Name: <u>AMERICAN OILFIELD SERVICES</u> Prof. Add: <u>OAKLAND ALBERT</u> | Proj. #: <u>46591</u> | Turn-Around-Time <input checked="" type="checkbox"/> Routine <input type="checkbox"/> 48 hours <input type="checkbox"/> 24 hours |
|---|-----------------------|---|

| Sample Information | | | | | | | Lab Analysis | | | | Lab Use Only | |
|--------------------|------------------------|--------|-------|------|-------|-----|-------------------|-------|-------|------|-------------------|---|
| Sample ID | Location/Description | Date | Time | Soil | Water | Air | No. of Containers | 418.1 | MS015 | 8920 | Other | <input type="checkbox"/> Received Chilled <input type="checkbox"/> Received Sealed |
| MW1 | MONTROSE WELLS UNIT #1 | 8.9.00 | 11:30 | ✓ | | | 1 | | | | Lead per attached | 55793 |
| MW2 | MW 2 | 8.9.00 | 11:50 | ✓ | | | 1 | | | | attached | 55794 |
| MW3 | MW 3 | 8.9.00 | 12:20 | ✓ | | | 1 | | | | | 55795 |
| MW6 | MW 6 | 8.9.00 | 12:50 | ✓ | | | 1 | | | | | 55796 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |

Notes/Comments: see attached lab analysis per sample units

| | | | |
|--|----------------------------------|---|--------------------------------|
| Relinquished by (Signature): <u>[Signature]</u> Company: <u>ASL</u> | Date/Time: <u>8.10.00 / 1:50</u> | Received by (Signature): <u>[Signature]</u> Company: <u>ASL</u> | Date/Time: <u>8/11/00 2:00</u> |
| Relinquished by (Signature): _____ Company: _____ | Date/Time: _____ | Received by (Signature): _____ Company: _____ | Date/Time: _____ |
| Received By Lab (Signature): _____ Laboratory: _____ | Date/Time: _____ | Environmental Profiles, Inc. 5480 Katella, Suite 211 Los Alamitos, California 90720-2823 (562) 493-2190 88 FAX (562) 430-5177 | |

APPENDIX B

Regulatory Documentation

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RECEIVED JUN 28 2000

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

June 23, 2000
StID # 3977

Mr. Tony Ortega
Amerflight, Inc.
4700 Empire Ave., Hangar 1
Burbank, CA 91505

**Re: Request for Organic and Total Lead Analysis in Monitoring Wells at 9171 Earhart Rd.,
Oakland CA 94621**

Dear Mr. Ortega:

During our office's review of the above referenced site in regards to the fuel release from the former fuel tanks, it appears that the analysis of lead was not performed in any of the water samples from the monitoring wells. Because organic lead was detected in the soil and grab groundwater sample from the original tank removal, it should be tested in the existing wells. In addition, because of the tendency of organic lead to be converted to inorganic lead, total soluble lead should also be run on the groundwater samples.

Because of the well arrangement, you may sample only wells MW-1, MW-2, MW-3 and MW-6. Prior to running these groundwater samples, you should filter them through a 0.45 micron filter. An aliquot of the filtered sample should be acid digested and run for lead. The result should be expressed as "total soluble lead". If total soluble lead is detected, please take another aliquot of the filtrate and run for organic lead, otherwise this analysis can be omitted.

Please perform this additional sampling and analysis to complete site characterization.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C. B. Chan, files

Mr. M. Walker, Environmental Profiles Inc., 5489 Katella Ave., Suite 211, Los Alamitos,
CA, 90720-2823

Mr. D. Klettke, Port of Oakland, 530 Water St., P.O. Box 2064, Oakland CA 94604-2064

Mon91711 Earhart

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



February 8, 2000
StID # 3977

Mr. Tony Ortega
Ameriflight, Inc.
4700 Empire Ave., Hangar 1
Burbank, CA 91505

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

**Re: Subsurface Investigation at Ameriflight, Oakland Airport, Hanger 2,
9171 Earhart Rd., Oakland CA 94621**

Dear Mr. Ortega:

Our office has received and reviewed the January 28, 2000 Environmental Profiles, Inc. report detailing the installation and sampling of six (6) groundwater monitoring wells at the above referenced site. As you are aware, very little petroleum contamination was found in the soil and groundwater samples. It appears that this site poses a low risk, therefore, your consultant recommends one additional sampling event to verify these initial results. Should they be consistent with these, site closure will be recommended.

Our office agrees with this interpretation and recommendation, however, we have the following additional requirements:

- Please provide a groundwater gradient map for the initial and any subsequent monitoring event. You may use an arbitrary reference point for your elevation readings.
- Please include copies of each well's sampling data sheet in your report.
- Please run the entire suite of organic parameters; TPH as aviation and jet fuel, BTEX and MTBE. You should also run total dissolved solids to verify water quality.

You may perform your next monitoring event in April 2000. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Barney M. Chan". The signature is written in a cursive, flowing style.

Barney M. Chan
Hazardous Materials Specialist

C B Chan, files

Mr M Walker, Environmental Profiles, Inc , 5480 Katella Ave , Suite 211, Los Alamitos, CA
90720-2834

Mr D Klettke, Port of Oakland, 530 Water St , P.O Box 2064, Oakland CA 94604-2064

Mr M Livingston, Armored Transport Inc , 3280 E Foothill Blvd , #290, Pasadena,
CA, 91107