



Transmittal/Memorandum

To: Alameda County Environmental Health Service
470 - 27th Street, Room 324
Oakland, California 94612

Attention: Mr. Storm Goranson, P.E.

From: Daniel Louis/Norman Shopay *DJ*
Date: November 16, 1987
Subject: City Blue Production Facility
Job No.: 18106,004.04

Remarks: Enclosed is a copy of our outline for potential remediation schemes at the City Blue Production Facility site located at 1700 Jefferson Street in Oakland, California. This outline follows our memo dated October 27, 1987 regarding our telephone conversation and background information.

Building construction is underway at the site. Monitoring well 2 was sealed/destroyed on November 9, 1987 to allow construction of a free-standing wall. Further investigation is planned at the site.

This outline is based on information from our investigations to date and our telephone conversation of November 9, 1987 and may change significantly based on any new information obtained.

Attachment: Site plans resenting proposed
MW-4 and MW-5 locations.

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NOV 19 1987
HAZARDOUS MATERIALS/
WASTE PROGRAM

cc: Blue Print Service Company - Attention: Mr. Paul Koze
HLA, Novato - Attention: Ms. Joan Tiernan

CITY BLUE PRODUCTION FACILITY
1700 Jefferson Street
Oakland, California

Outline
Interim Remediation Plan

I. Current Interim Cleanup Work

Blue Print Service Company (BPS) is currently removing free product from Monitoring Well 1 (MW-1) using a portable floating recovery unit. The free product removal is being done each weekday with approximately 5 to 10 gallons removed each day.

II. Proposed Additional Studies

- A. Destruct MW-2 to allow foundation construction (in accordance with Zone 7 requirements).
- B. Continue with product recovery at MW-1 and quarterly ground-water sampling and analysis for existing MW-1 and MW-3.
- C. Install one additional well north (downgradient) of MW-1 to define the lateral extent of free product and confirm ground-water gradient data. Install one additional well approximately 30 feet east of MW-1 within the proposed building footprint to check for lateral movement of soil or water contamination. Wells will be installed, sampled, and analyzed quarterly in a similar manner as the existing wells.
- D. Perform a background study on ground-water usage in the area, including a study of industrial water use (if applicable) and nearby environmentally impacted sites.

III. Proposed Interim Remediation

- A. Install a portable floating recovery unit in MW-1 so that all free product is removed. Product and any ground water removed from the well will be placed in drums on the site and subsequently disposed of to a registered recycler.
- B. Because the site will be covered by a building and pavement, eliminating infiltration, no additional soil cleanup, beyond that which was removed and aerated during tank removal, would be performed during interim remediation. This will depend on the soil and ground water test results from the two new wells proposed above.

Outline
Interim Remediation Plan
Page 2

C. As presented in previous correspondence, if some soil cleanup is required, a soil venting system could be employed to clean soils in place to below 500 parts per million (ppm) total petroleum hydrocarbons.

IV. Final Remediation

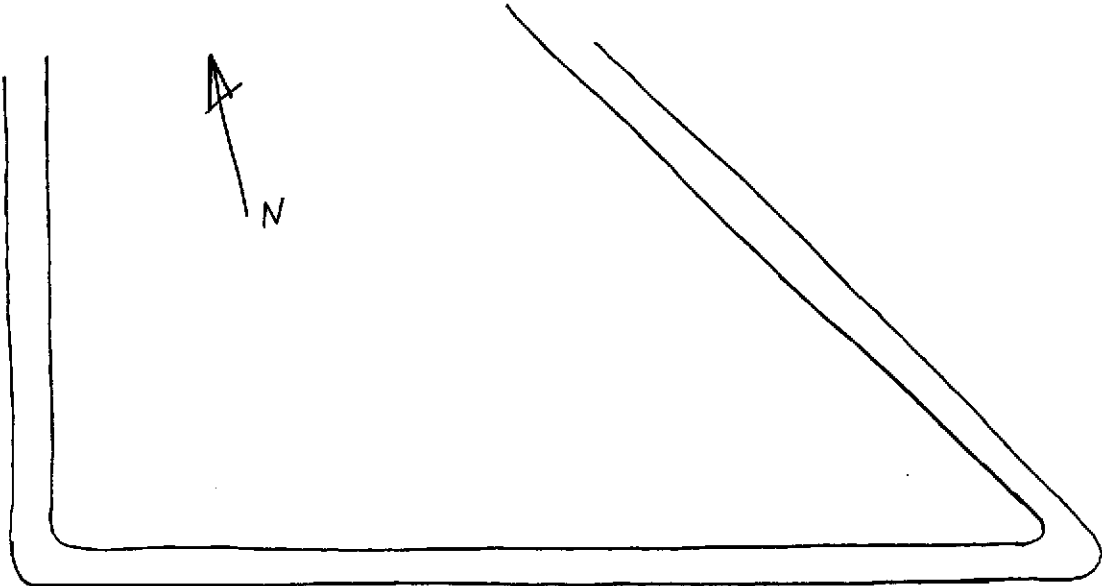
Additional final remediation could be performed following interim remediation, depending on the results of additional studies.



Harding Lawson Associates
 Engineers
 and
 Geoscientists

SHEET 1 OF 1
 JOB NO. 18106,009.04
 DATE Nov. 16, 1987
 COMPUTED BY DA Louis
 CHECKED BY _____

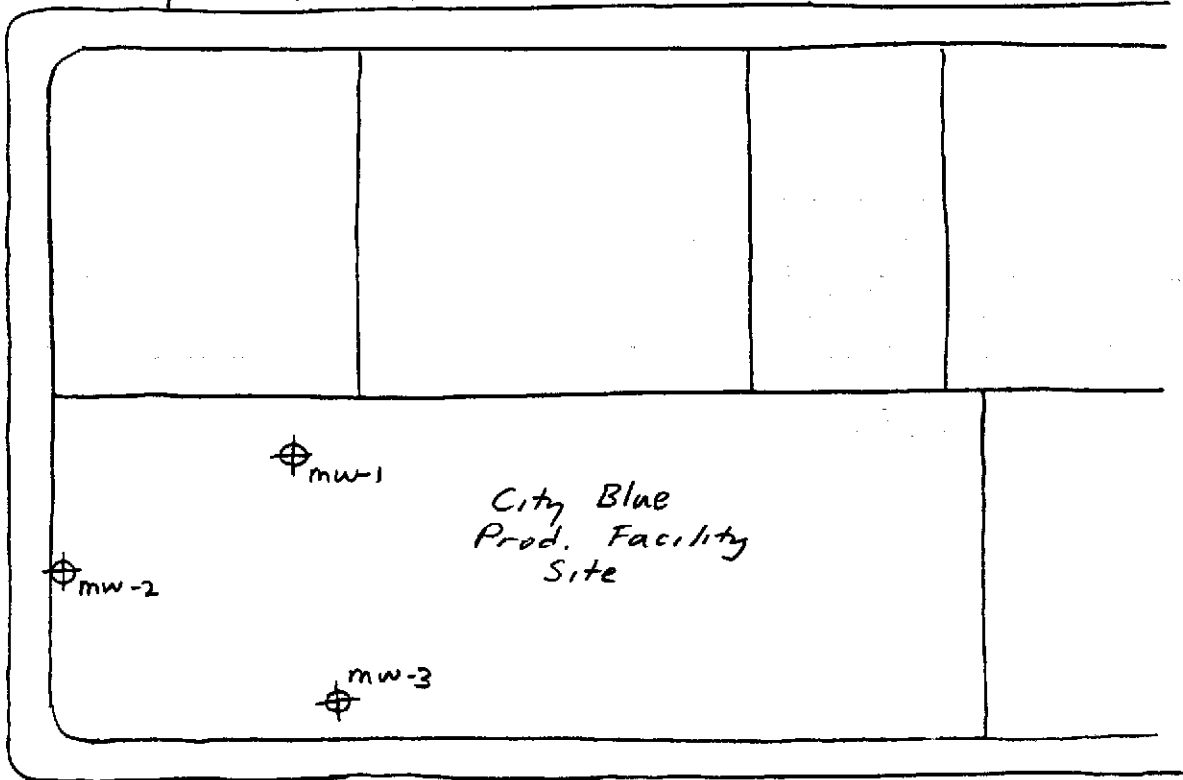
PROJECT City Blue Prod. Facility
 SUBJECT MW-4 location sketch



Jefferson Street

18th St.

⊕ mw-4 (proposed)



17th St.

NOT TO SCALE