



May 2, 1995

Ms. Alydda Mangelsdorf
United States Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, CA 94105

Subject: Preliminary Results for the Sampling Event (March 27, 1995) at Well IR59MW06F, the Parking Lot, Parcel A, Hunters Point Annex, San Francisco, California Contract No. N62474-88-D-5086, Contract Task Order No. 0142

Dear Ms. Mangelsdorf,

As requested by William Radzevich, the Navy engineer in charge for Parcel A, I am forwarding to you the preliminary summary of analytical results from well IR59MW06F. The well was sampled for organic and inorganic compounds on March 27, 1995.

The Navy would like to receive a copy of the EPA's analytical results for metals analysis from the sampling event on February 14, 1995, from well IR59MW06F.

Please contact me at (415) 222-8274 if you have any questions or comments.

Sincerely,

A handwritten signature in cursive script that reads "Scott Weber".

Scott Weber
Assistant Project Manager

Enclosure (1)

cc: ✓ William Radzevich, Navy
Richard Powell, Navy
Michael McClelland, Navy
Jim Sickles, PRC
David Leland, HLA
Cyrus Shabahari, DTSC
Richard Hiatt, RWQCB
File

SAN FRANCISCO OFFICE

Date : April 10, 1995
To : Scott Weber
From : Sharon Lin
Subject : Preliminary Results for the Sampling Event (March 27, 1995) at Well IR59MW06F, the Parking Lot, Parcel A, Hunters Point Annex

Preliminary results for samples taken on March 27 were received on April 5 from the laboratory. These results indicate the following:

1. No semivolatile compounds were detected (following the CLP SVOC protocol) except for the following:

bis(2-Ethylhexyl)phthalate was detected at low concentrations in all samples and laboratory blank due to laboratory contamination.

The QC information that was provided indicates that the matrix spike and matrix spike duplicate (MS/MSD) recoveries for MS compounds acenaphthene, 4-nitrophenol, 2,4-dinitrotoluene exceeded the recommended QC limits. This is not expected to have any impact on the data quality.
2. No volatile compounds were detected (following the CLP VOC 25 Ml purge low detection limit protocol) except for the following:
 - a. Acetone and chloroform were present at concentrations of 13 and 31 ug/L in the equipment blank, respectively. These results are due to laboratory blank contamination.
 - b. Chloroform was detected at a concentration of 45 ug/L in the field blank. This is due to possible contamination.
3. No pesticides/PCB compounds were detected following the CLP Pesticides/PCBs protocol.
4. No TRPH were detected at a detection level of 1.0 mg/L following EPA Method 418.1.
5. No chlorinated herbicides were detected using EPA Method 8150.
6. TPH-motor oil was first detected in the well sample at a concentration of 540 ug/L.

7. The metals results for the filtered sample and its equipment blank, the unfiltered sample and its equipment blank, and the field blank are listed on the attached page. The filtered and unfiltered results seem to be comparable. No metals of concern were reported to be present at high levels.
8. The pH value for the well sample was reported to be 8.1.

Based on the preliminary results, no major QA/QC problems were encountered for any of these analyses.

FILTERED METALS VS. UNFILTERED METALS RESULTS
WELL IR59MW06F, PARCEL A, HUNTERS POINT ANNEX

UNITS: ug/L

Sample #	9513X601		9513X602		9513X598		9513X599		9513X600	
Samle type	Unfiltered		Filtered		Unfiltered		Filtered		Unfiltered	
Field location	IR59MW06F	Q	IR59MW06F	Q	Equipment blank	Q	Equipment blank	Q	Field blank	Q
Aluminum	40.3	B	36.6	B	65.0		40.2	B	25.9	B
Antimony	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Arsenic	3.1	B	3.8	B	2.7	U	2.7	U	2.7	U
Barium	440		449		3.4	U	3.4	U	3.4	U
Beryllium	0.10	U	0.10	U	0.20	B	0.12	B	0.13	B
Cadmium	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
Calcium	44700		45500		264	B	261	B	214	B
Chromium	1.9	U	1.9	U	1.9	U	1.9	U	1.9	U
Cobalt	0.50	U	0.85	B	0.50	U	0.81	B	0.50	U
Copper	3.1	B	2.4	B	1.1	B	1.9	B	2.4	B
Iron	17.1	U	17.1	U	23.4	B	17.1	U	17.1	U
Lead	1.0	U	1.0	U	1.0	U	1.4	B	1.0	U
Magnesium	38600		39300		33.6	B	12.0	B	9.4	U
Manganese	1.5	B	2.3	B	1.0	B	2.3	B	0.40	U
Mercury	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
Molybdenum	12.4		14.5		2.2	U	2.2	U	2.2	U
Nickel	2.3	B	2.3	B	1.8	U	1.8	U	1.8	U
Potassium	7310		7440		49.3	U	49.3	U	49.3	U
Selenium	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
Silver	0.60	U	0.60	U	0.60	U	0.60	U	0.60	U
Sodium	78300		83400		119	U	119	U	119	U
Thallium	2.0	U	2.0	U	2.1		2.0	U	2.0	U
Vanadium	3.0	B	2.8	B	0.50	U	0.50	U	0.50	U
Zinc	34.8		36.2		31.3		30.0		39.4	

Q: Qualifier.

B: values are below the contract required detection limits (CRDL) , but above the instrument detection limits (IDL).

U: Not detected at the listed detection limit.