

9/30/92

9:00 AM

{ Michael Wheland
John Coffman

meeting w/ Arco

* will submit revised time schedule

Updates:

2035- 1001 San Pablo Albany -
July-1992. on site wells (6 wells)

MW4 } City of Albany

MW5 } waiting encroachment permit

Let us know (30 days) contact person to expedite permitting process (Cal Tranz)

Biweekly - bailing FP

Approval - for 2 MWs on 2 corners - approved

RW = had skimmer

Soil Vapor Report - finished by NOV.

Treatment System - scheduled July 1993

Semi-confined area (both soil & groundwater treatment)

Biweekly bailing

Vapor Extraction Test Report

Verbal approval of 2 on site

Design ^{completed} March 1992

System operating - July 1992

off site wells + 3/1/92

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3310 Park Blvd. Oakland 946 ✓

November 1, 1992. Start up

As Schedule

Soil / Groundwater Treatment System

Install RW-1 Oct 19, 1992.

↳ Jan 1, 1992 - report in

~ on

10:00 AM - 10:30 AM

9800 E. 14th Street off site sources ✓

↳ across the street for off site wells
City of Oakland Encroachment permit

↳ proposal WP → Nov. 15, 1992

- ① Install RW - screened deeper
- ↳ ② Aquifer Test not done performed

③ leach search

2 months - delayed → due to contractor's problem

Site closed up to 6/92 due to tank replacement

RAP = 6/1/93

Oblique - 8/1/93

Equipment procurement 11/1/93

Start up - 1/94

2 months delay →

RAP - 5/1/93

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12:30 - 10:45

566 Hegenberger Rd ✓ Oakland

2 off site wells installed

November

Tank replacement by November →
no later than

10:45-

10600 MacArthur Blvd. ✓

PCE's soil

Touched shallow water bearing zone TPA

deper - 44 ft - 55 ft - VOC's contamination

off site wells to be installed
probes (1/2 in)

10700 MacArthur Blvd - suspect off site

Soil Vapor Extraction - being done

Time lines → on time (off site wells to be installed)

RAP submitted but ^{will} not be done due to

PCE's in deper zone

→ June 1993 - due to access
VEI

Aquifer Test } left ~~at~~ 1993 Jan 1, 1993
off site

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5131 Shattuck Ave Oakland 94609

Weathered gasoline

Approved 4 MW's Waste oil constituents
Addendum to Q

3 MW's on site monitoring

Vapor Extraction to be added

Keyway well →
Aquifer Test
Vapor Test

12 weeks

Feb 1, 1993 - report on on site perimeter
+ 3 months monitoring

March 1, 1993 - RW Workplan

Aquifer Test -

(optimal) addition vapor test 7 16 weeks

April 1 →

August 1, 1993 -

start design → ~~start~~ July 1992 → complete ~~by October~~
RAP → (9/1/93) → by October

(Product Skimmers → to submit)

11/1/93 → bid back [contract]

1- month to bid
2- months before construction

2/94- construction
4/1/94- Start-up

Sony Drive → (RUBCB) access

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2:25 PM

STIP 7249

7249 Village Hwy, Dublin 94568 ✓

Map of 3 owners

Additional Workplan - further site characterization
3 Wells, vapor extraction test
Monitor for 3 months →
Data - Oil Changes

Advance brings - 1 ft into H₂O^{screened}

all contamination - at capillary fringe]

WP ^{from site installation} approved delay till records search completed.

Verbal approval → by SS for installation of MW's

Time limits →

Aquifer Testing → Smearing / Slug tests

Report by February 1, 1993 -

Complete report August 1, 1993 (aquifer test, recovery well) off site wells)

RAP → 1 month after Report (September 1, 1992)
Design - takes place as the RAP (November 1, 1992)

{ Bid (1 month) to get back }
2/1/44 - construction
(60 days)
4/1/44 - start-ups }

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3:00-3:30

STID 3943

22141 Center Street, Castro Valley ✓

Systems ready to begin

Trenching →

Compound →

Construction
November 1992
December - January

Air permit delay - problems

I.C. to run start up phase

↳ separate permit since exceed 5 days


Worst case scenario → ^{Start} March 15, 1993

Submitted/Out sheets } things may change
as built }

Also - had to give 30 days notice to operators before the ~~status~~ system can be installed?

D/R

3:30 PM -

7/2 Levelling Blvd. 
San Leandro 94579 ✓

San Leandro to transfer to LOP

San Leandro letter July 30, 1992 by SS

Workplan ^{initially} address by SS → submitted

Groundwater problems →

Waste oil contamination in soil not defined

↳ need more soil borings especially Pb

AW-1

287 ppm Pb

Semi-annually test at MW-1 for waste oil constituents

Free Product: to test

Can not test GC/MS or TPH analysis but can test for GC (Halocarbons) to prevent matrix interference

but test for O, C, G, halo carbons can be done

① MW-1 boring
↳ sampling attempt ^{to test for waste oil} ~~no~~ waste oil constituents can be done.

- Boring around the tank →
- Background total lead

9-12 (3 hrs) } 6.8 hrs
1:15-5:15 (3.5 hrs)

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White oil tank →
5570 D&E

Need more time due to permits requirements
- deeper aquifer - Oct. 1991 Report
MW-5

- Vertically in
- potential migration into deeper aquifer
 - French system ^{max (12 feet to clay)} + ~~shoring~~ shoring - Building
↳ needed a lot of permits (dept. OSHA;
 - SS built systems

16 weeks borings - out
from approval by SS

- ~~and test~~
- March 1993 - report comes out (
 - Feasibility for soil (left under soil)
Vent test - containers
aquifer test in shell - did not work →
200 Gallons/day → beneficial use of groundwater