

9/30/92

9:00 AM

Meeting w/ Arco { Michael Wheland
Golf Coffman
* 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 Trans)
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

9/30/92

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 source ✓

↳ across the street for off site wells

City of Oakland Encroachment permit

↳ proposal WP - Nov. 15, 1992

① Install RW - screened depths

↳ ② Aquifer Test not done performed

③ leach bench

2 months - delayed -> due to contractor's problem

Site closed up to 6/92 due to tank replacement

RAP = 6/1/93

Challenge - 8/1/93

Equipment procurement 11/1/93

Start up - 1/94

2 months delay ->

RAP - 5/1/93

9/30/92

12:30 - 1:45

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

Trucked Shallow water bearing zone TPT

deeper - 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 deeper zone

→ June 1993 - due to access
VEI

Aquifer tests
off site

} left ~~at~~ Jan 1, 1993

9/30/92

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

Recovery 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 - full on site characterization

Start Design - ~~start~~ July 1992 → complete ~~by~~ October
RAP → (9/1/93)

(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

Jerry Prinn → (RUBBER) Access

9/30/92

2:25 PM

STIP 7249

7249 Village Hwy, Dublin 94568 ✓

Map of 3 corners

Additional Workplan - further site Characterization
3 Wells, Sept. Extraction Test
Monitor for 3 months →
Data - Oil Changes

Advance brings - 1 ft ^{screened} into H2O

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 / Stubs cuts

Report by February 1, 1993 -

Complete report August 1, 1993 (aquifer test, Recovery well by site wells)

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

{ Bid (1 month) to get back }
2/1/94 - construction
(60 days)
4/1/94 - start-ups }

9/30/92

3:00-3:30

STID 3943

22141 Centro Street, Castro Valley ✓

Systems ready to begin
Trenching →
Compound →

Construction
November 1992
December - January

→ by 2 months
Air permit delays - problems
I.C. to run start up phase
↳ separate permit since exceed 5 days

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

Submitted/As built sheets } things may change

Also - had to give 30 days notice to operators before the ~~station~~ 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 P6

AW-1

287 P6 m/16

Semi-annually 7 ft at MW-1 for waste oil constituents

Free Product: to test

Can not test 624 or TPH analysis but can test for 601 (Halocarbons) to prevent matrix interference

but test for O₂C, halo carbons can be done

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

- Borings around the tank →
- Background total lead

9-12 (3 hrs) } 6.8 hrs
1:15-5:15 (3.75 hrs)

9/30/92

White oil tank →
5520 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)} of ~~shoring~~ shoring - Building
↳ needed a lot of permits (dept. OSHA;

- as built systems

16 weeks borings - out
from approval by SS
~~and full~~

- March 1993 - report comes out (

- Feasibility for soil (left where soil)

Vent test - contents

aquifer test in shell - did not work →

200 Gallons/day → beneficial use of groundwater