

2/23/95

STIP 5016

Southern Pacific - 1450 Sherwin Ave. Emeryville
94608

7/25/94 →

8/5/94

4 USTs removed (approx 6,500 gal)
contained Bunker C fuel (dist #6)
steel railcar tankers

LF report found contamination of VOC, TPH, and As
↳ Evaluation of Interim Remedial Measures at
The Sherwin Williams Facility in Emeryville
12/20/91

accdg to reports - 2 GW zones shallow (A 6 to 12 ft)
B (B 28-38 ft bgs)
↳ confining to
silt - confining
layer

↳ DTW 6 ft GWFD → west

Total of 30,450 gal Bunker C removed & recycled
GW at 8 ft bgs

Highest conc detected fr. T1T3 at 7 ft depth
in soil

TPH g = 18 ppm
TPH d = 4,400 ppm
TPH B = 28,000 ppm
TOG = 7,700 ppm
BTEX = all NDs

Subwater data: B = 1.2 ppb

T = 0.8 ppb

E = ND

X = 2.4 ppb

goc = 150 ppb

d = 3200 ppb

Bunker = 10,100 ppb

TOG = ND

PNA acrylonitrile = 15 ppb

AS = 18 (ppb)

Ba = 160

Cd = nd

Cu = nd

Pb = 28 ppb

Hg = ND

Se = ND

Ag = ND

needs 3
3 from BS
Copy of used
reports should
be sent clean up
Bunker C
Just outside
Sherwin
7/90
Copy of
stockpile
soils disposal
Tables 3 -
TI found PNA's
& not nd.

9-1-94

WR filed
✓ Manifest for WTS submitted

10/19/94

Transferred to LOP

Kleinfelder Report

Water Data

TPH - G	KMW 1A	6,200 ug/l
Beaz		75
PNA's		2,672.7
PNA's	KMW 1B	1,424.3

up to 20,000 ppm PNAS in soil at depths of 6'

Area 1	PNAS	1390	1.5-4'
Area 2	"	6580	3'
Area 3		20,140	6'

Wells installed 12/5/88

KMW-1A	7'	screened	4'-7'
KMW-1B	12'	screened	10'-12'

Preliminary Endangerment Assessment

40 CFR sec 261, 3 Def Haz waste

a) solid waste

1) not excluded (261.46)

2) meets any of following

(i) exhibits characteristics of haz waste (subpart C)

(ii) Listed in subpart D, and not excluded under 260.21 + 260.22

(iii) Mixture of a solid + haz waste listed in D solely because exhibits one or more characters of haz waste identified in subpart C unless resultant mixture no longer exhibits any characteristic of haz waste identified in C

(iv) mixture of solid + hazardous listed in D, not excluded however, however following mixtures not haz wastes if generator can demo mixture consists of wastewater subject to regs under CWA and

HSC 25122.7 "Restricted Haz waste" means either of following:

(a) any haz waste which contains any of following... as determined without considering any dilution which may occur, unless the dilution is a normal part of manufacturing process

(5) Haz wastes containing halogenated organic compounds in total concentration greater than, or equal to 1,000 mg/kg

(b) Any haz waste designated by Dept. as restricted due to toxicity, mobility, or persistence

Mittlehauser Report 6/89

1-8 "reviewed analytical data in Telenfelder report and discovered the constituents present to be very similar in nature to those found in base + sub-base material used for asphalt roads and parking lots." "Therefore Mittlehauser suggested that be excavated and used for such purpose".

- 1) soil ~~was~~ would have to be non-haz as per title 22.
- 2) Soil engineering properties must conform to requirements specified in Kabeer Report.
- 3) Referral board would have to view such actions as reasonable given locations + characteristics of site.

Mittlehauser recommended owners seek approval of RB for excavation on non-haz, creosote-contaminated soil containing more than 1,000 ppm TPH as asphalt sub-base.

Goal to leave in place only those soils of TPH < 1,000 ppm.

Soils determined non-haz based upon fish bioassay + toxicity calculations

⊗ Fish Bioassay sample HB-1 1.8' near B-2
HB-2 3' 23' from B-10 + B-11
HB-3 6' 12' south of boring B-13

5/9 through 11/89 - Excavation implemented, depth and extent not clarified.

2-4 * Question on methodology of soil sample collection.
" ~~Removed~~ Upon extraction from the hand auger bit,
samples were immediately placed in glass sample jars
and sealed with teflon-lined screw-on lids."

Area 1

"stained soil at 1.5' odor of creosote"

stained soil stockpiled separately, from unstained
up to 7,000 ppm TPH. Back filled after
last collected sample detected 170 ppm.

425 yd³ removed from area 1

Area 2

1.5-3' below grade stained, gw at 3'

730 ppm highest remaining in soil at 3'

780 yd³ removed

Area 3

stained, odorous soil 5-6' by up to 44,000 ppm

TPH detected. Excavated (depth not specified),

verification samples 66 + 61 ppm.

pocket 25' west of B-13, excavated to 6' to gw.

3-4 2,700 ppm + 15,000 ppm TPH detected "opinion - no threat
to gw, and material left in place.

685 yd³ removed

Kalveer Report 3/15/88, identifies presence
of UBT, some history of site.

rec. removing tanks prior to site develop.
near tanks

2 exploratory borings be drilled, near surface
soils be analyzed for EPA priorities

Steffen, Robertson + Kinsten 8/8/88

note purchased prop fr. SP. 9/16/87

Based upon report Vale attempted ^a rescission
of the sale.

lumber storage in 40's + 50's

1980 Ford Motor Company leased part of lot

Exploratory borings 7/19+20/88

26 borings to depths of 14'

3 wells installed,

" Elevated concs. of PNA's in B-5 + B-24 indicate matls

underlying site would be considered hazardous by regulatory agencies.

" ^{Levels} elevated concentrations of acenaphthene + fluoranthene ~~in B-24~~

indicate are well above

Elevated conc. of acenaphthene + fluoranthene in B-24, contains

compounds in such conc. as to be considered hazardous,

"well above levels designated to protect gw"

soil + GW data on site Table 1 + 2

reCS

- 1) Solidification
- 2) Encapsulation - at present encapsulation of liquid wastes is not permitted in CA.
- 3) Direct Disposal - potential ^{future} liability for ultimate disposal site.
- 4) Treatment to non-hazardous, disposal is permitted facility

Little haser never measured for PNA's. Used
Kleinfelder data to do toxicity calculations.

Merkle Data

Tom Gesanora
85 → 8 Sherwin Williams ~~Hoff~~ Horton + Sherwin Ave

Methylene chloride evaluated strictly in regards to flammability
& toxicity ^{colorless liquid} LD50 oral rats 1.6 ml/kg

2 methyl/naphthalene not in MERK
BS 1687, [9391]

Trimethyl Dodecane NL

Dimethyl Naphthalene NL

Trimethyl Naphthalene NL

1,2	"	BS	1708	[9357]
1,3	"	BS	1708	[9358]
1,6	Ref	BS,	1711	[9361]
1,4		BS,	1709	[9359]
1,5	"	"	1710	[9360]
1,7		BS	1711	[9363]
1,8		BS,	1712	[9364]
2,3		BS	1713	[9362]

"Guaiene"

Tetramethyl Pentadecane NL

371 10th

Tetramethyl Hexadecane NL

Naphthalene (T,S) BS 1549 [9275]

Tom ~~Watts~~ ^{Watts} Wataey ~~Int + Research~~ Research Tools
 653-5100 5679 Landreyan waste oil/solvent pick-up
 Terry Sandlin every 10 days
 Ray Smith, sp coordic

~~Levene Trickett~~

10/12/87

Telecom with Joe Wong concerning
54 Embarcadero,

Debbie Sigvas is Vukasin's attorney,

meeting yesterday,

Vukasin party wants to proceed with
roadside improvements along Fallon and
Embarcadero,

Vukasin wants no part of tank removal
due to concern over long-term liability,

city to give OK on street improvements
on condition

- 1) All disposal of contaminated soil
to be cleared with Alco
- 2) Bond to be put up by Vukasin to
cover cost of tank removal at some
future date, (1 year) unless Alco
deems Vukasin not to be R.P.

Klienfelder 938-5610

Carol Walti

Tom Peacock
response

Soil cuttings

3 samples from various levels collected
11/30 - 12/2, 12/5 for analysis

old lumber yard - PNAS reported detected
at this site. still awaiting results
from boring drilled early December.

Southern Pacific
1450 Sherwin
Everyville

11/20/00

ground GW flow
in the AREA is to
west.
N/NE & NE gradient
due to slurry wall
at the site

gradient
gw flow is to the west
but comments state
flow is ^{4/96} N/NE - ^{11/96} NE

all well
constructions
diagram attached
LF-20, LF-21
LF-23, LF-24
LF-25

although no onsite monitoring
wells used to characterize
site, offsite wells still
need to be evaluated for
proper screen interval,
gw depth

indicate depth of
slurry wall

all Tables
for Sherwin
Williams
Site

Table 9
? when were results in
parentheses collected

water after
? instead of using LF-11
'97

? contents of tanks 5, 6
should be motor oil

indicate condition of tanks

indicate that excavation
contained water

indicate that soil around
tanks were visually
impacted

soil after concentrations
for 2 tanks removed 8/95
should be after overex

deed restriction + RMP not provided