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**Date Received:** 4/1/1998      **Processor:** NSM      **Page Count:** 52

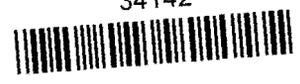
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1	LOGBOOK	2/8/1996	FIELD UNIT #1 OU-1079 TA-32 FIELD ACTIVITIES PHASE II AND VCA WORK 1996	247	480

34142  


**Field Unit #1  
OU-1079  
TA-32 Field Activities**

**FTL Logbook  
#286**

**Los Alamos** Environmental Restoration  
Records Processing Facility



ER Record I.D.# 63801

Handbook

page number (00 200) telephone

Dennis Kisterman (FIM) 666-1518

Beverly Martin (FOM) 699-4091

Jeff Walterscheid (FTL) 662-1365 page 890-<sup>4135</sup> cell 472-1122

Clat Daymon (SSO)

John W. Wams

Joeline (SMB) 0-9969

Al Fink

Joe Louck 104-6959

Gracia Coffin (ER photographer) 665-5137, 689-1670

Henry Jones 665-6468 / 694-1310 MDDK (Pol-III) 7-3077 649-4670

Gene Velasquez (SCI ut. lics) 665-1449

ETK  
(503) 597-3362

Steve Boliver 667-1868

Chem Van 689-3373 or 3375 TA-54

Chem Van 44 (LAPD)

Jeff Roberts 667-4084 / 667-6473 5-4823 Laura Kelly

7-7574

Rod Van 689-1655 or 1651 or 1925  
Bet Dan Chris

644-6434

George Brooks 665-2583 or 689-1652

Don Dale 667-7293

John Miglio 665-9967 / 9713

SAM CARDNER (SGLIETERV)

Laurel Shastri 665-9964

667-3552

Mark Powell (SCE) 667-3577 / 644-4010

470-1265

Rebecca Eaton 667-2813

Count  
Tim Roth (warehouse)

Mike Alexander ESH-18 665-4752

667-4191

Robin Reynolds 667-4689

Tony Rust 665-2843 (665-2800) 104-8484

Jeff Ritz

Greg Bayhurst 665-6558 104-8122

7 6573

Brad Parker 689-0912

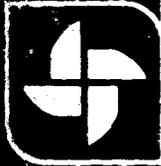
Mr. Parker 690-0990

Beverly Martin 699-4091

Bryan Danielson L.A County Pavement Division Manager 662-8176

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Rebecca Eatons (mobile) (1505) 699-4019



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Field Unit 1

TA-32, 04-1079  
FTL Field Notebook  
Phase II and VCA Work 1996

RPF # 286

Project No.	<u>19588</u>
Task No.	<u>DA588</u>
File No.	<u>8.9.1</u>
Date Filed	<u>7-19-96w</u>
ERM/Golder Project File Records	

2

TA-32

8 February 1996 Thursday

page 1 of 2

Jan  
28/96

Weather: Sunny, warm 60° F,

- 0915 Met with Surv-Tek (Kent and Eric) to review maps and engineering drawings of TA-32. Building corners for former buildings 32-1, 32-2, and 32-3 will be re-located (from a compilation of engineering drawings by Bill Francis) and the building drain lines. Septic tank 32-8 will also be located. In addition, sampling points for the incinerator, septic tank, and outfalls will be re-surveyed and the ends of the two trenches marked. Sampling and trenching occurred during phase I activities in 1993.
- 0940 Health and Safety briefing provided by Clint Dayman (SSO).
- 0955 Began TA-32 survey. Personnel on-site include Jeff Walterscheid (FTH), Clint Dayman (SSO) and Surv-Tek personnel (Kent Caldis and Eric).
- 1030 Surveyed in East corners for TA-32-1 and 1993 incinerator sampling locations. After reviewing current location knowledge for the incinerator, previous sampling was done in a 10-15 ft radius of incinerator.
- 1100 Re-established previous 1993 sample locations in the outfalls.
- 1130 Showed Surv-Tek the outfall pipe location from TA-32-3 (PRS 32-004).
- 1145 J. Walterscheid and C. Dayman off-site, Surv-Tek will continue.

1150

Two hours left at site. Called A

8 Feb. Cont.

page 2 of 2  
R.W.  
2/8/96

brought to the site. Drain lines and some building corners are marked out in the LA County Roads Division Sand storage lot. This lot is used to store sand for snow removal activities and the sand supply is currently low. More sand is expected to be ~~delivered~~ delivered in the next two weeks. Will photograph survey pts to assist in relocation if covered by sand.

1500

C. Dayman delivered camera. Photographed survey pts and trench locations.

1540

Survey completed.

1600

All personnel off site.

Jeff Walterscheid FTH

*Jeff Walterscheid* 2/8/96

Note: Spoke with Bryan Danielson the LA County Pavement Division Manager about the proposed Field work for former TA-32. He said that his crews will have priority during snow storms (survey work, work zones, etc could be lost if we are blocking sand piles or they need additional snow storage areas). I told him once our Field plans are closer to finalization (work type, dates, etc) we would meet and discuss our options. Bryan said we would work together to minimize problems and/or delays with completing the Field work.

12 February, 1996 Monday

page 1/1

0900

Field tour of run-on problems at PRS 32-004  
 from Knatt Street. Attendees included: Beverly Martin  
 (Field Operations Manager for Field Unit 1), Alex Puglisi (HSE-18),  
 Harvey Decker (NMED AIP), Danny Katzman (ERM/Golder),  
 Clint Daymon (ERM/Golder) and Jeff Walterscheid (ERM/Golder),  
 Bonnie Koch (DOE) was invited but was unable to  
 attend. Concern over leaking oil drums at Knatt's Auto  
 running into asphalt drainage channel, over PRS 32-004 and  
 into HA Canyon. Concern over SUOC sampling at this  
 location. Sample results will not reflect outfall for 32-004.  
 H. Decker suggests we photograph and document in a memo  
 to the NMED water Quality Division and to EPA Region 6.

0

11

0945

H. Decker and A. Puglisi reviewing run-on potential at  
 PRS 32-002 (a, b). Suggest putting in ~~a~~ straw-bale  
 check dams to divert run-on and contain run-off from  
 the canyon bench.

1030

all personnel off site

10

Action items: photograph site  
 straw bale check dams

1430

J. Walterscheid photographed all potential run-on  
 sources.

1530

off-site

End of Day

Jeff Walterscheid FTH

 2/12/96

19 February, 1996 Monday

page 1 of 1

0830

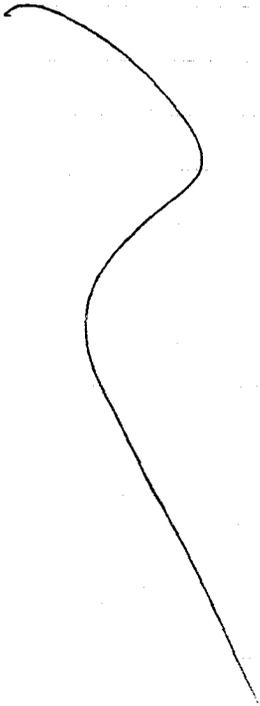
Jim Santo and Jeff Walterscheid on site to set-up straw-bale check dams for PRS 32-002(a,b). Blocked run-on above the former septic tank location. Also set bales on canyon bench to prevent run-off.

1130

All personnel off-site.

Jeff Walterscheid FTH

*[Signature]* 2/19/96



artin  
(HSE-18),  
(Golden),  
M/Golden),  
Auto  
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32-004.  
memo  
log on 6.  
at  
le  
off from

6

21 February, 1996 Wednesday

page 1091

1100

Mike Alexander (KSH-18) and Jeff Waterscheid on site to review straw-bale check dam placements for PRS-32-002(a,b). Mike saw no problems with placement of bales.

103

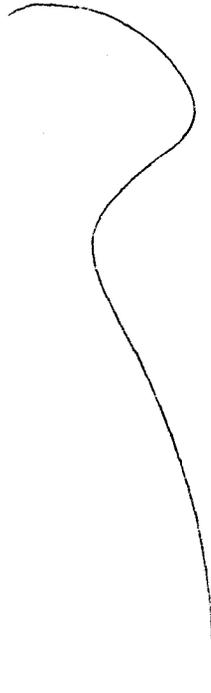
1130

off site

110

Jeff Waterscheid FTH

 2/21/96



11

7

22 February 1996, Thursday

page 1 of 1

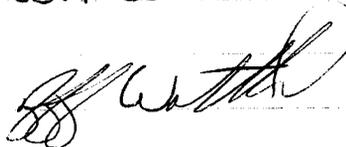
1030

BOA contractor walkover with Henry Nunes.  
Jeff Walterscheid gave field tour of PRSs 32-001, -002(a,b),  
-003, and -004. Described what will be required for  
each VCA. Answered questions on site work.

1100

all personnel off-site

Jeff Walterscheid FTH

 2/22/96



23 February 1996. Friday

pg. 1671

1000

Clint Raymon and Gracia Coffin (E.R. photographer) photographed TH-32 PRSSs.

0845

1130

offsite

1330

J.C.I. marked out the utilities and signed-off on the excavation permit.

1340

offsite

1345

Field tour with LA county personnel (Kyle Zimmerman, Bryan Danielson, and Joe Sousa) Beverly Martini (FOM), Danny Kataman (FTM), Clint Raymon (SSO) and Jeff Waterscheid (FTH). Discussed work plans, tentative field dates, equipment onsite, etc.

0930

1520

all personnel off-site

1600

J. Waterscheid onsite to photograph straw bale check dams as requested by B. Martini

1640

offsite.

11

Jeff Waterscheid FTI  
2/23/96

9

29 February, Thursday, 1996

pg. 18/1

0845

C. Dayman and J. Waterscheid onsite to collect a background soil sample for RAD analysis by the RAD Van. Collected sample approx. 200 yds east of drainage for PPS 32-002(a,b) on the canyon bench. Soil was approx. 15" deep, well developed with small plant roots, and pieces of toff (<1" in size) slightly moist. Weather conditions: cool, 35°F, partly cloudy (snowed last nite).

0930

offsite to deliver sample to the RAD Van.

Bryan  
my  
excused  
to,

ack

Jeff Waterscheid FTH  
Jeff Waterscheid 2/22/96



10

4 March 1996 Monday  
 weather: Cool, partly cloudy, 45°F

Pg. 1081

11

1000

Clint Daymon and Jeff Waterscheid on site.  
 Clint setup zones and put caution tape where applicable. Jeff cleared under brush from PRS 32-003, and arranged supplies in the field trailer.

0900

1030

JCI delivered 2 empty liquid 55 drums and 4 empty solid drums.

1040

Jeff is marking out drainages beneath the outfall for PRS 32-002(a,b) on the canyon bench.

1120

Clint requested I take him back to the ERM/Golden office, he thinks he pulled a muscle in his chest and is having a hard time breathing deeply.

1115

1130

Site secured, all personnel off-site.

1245

J. Waterscheid and Scott Wimer on site to finish marking outfalls for PRSs 32-002(a,b) and 32-004 on the canyon bench. Sample sites chosen in drainage channels and outside banks. The area below outfall 32-004 is heavily vegetated and has many deep drainage channels (upto 2' deep)

1500

Completed marking sample sites on Canyon Bench.

1210

1515

~~Personnel~~ Personnel off-site going to bottom of LA Canyon to mark drainages below the canyon bench cliff.

1330

1530

Marking lower drainage channels in LA Canyon for PRS 32-002(a,b) will finish 32-004 at a later date.

1340

1630

Personnel off site

Note: C. Daymon in hospital with a collapsed lung.

End of Day

Jeff Waterscheid FTH

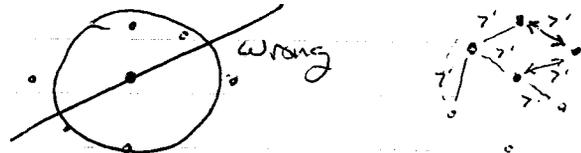
*[Signature]* 3/4/96

1600

5 March 1996, Tuesday  
Weather: Windy, partly cloudy 40°F

0900 Scott Wimer and Jeff Walterscheid on site.  
Moved barrels to PRS 32-003 the wood pile (former transformer pad). Cleared all wood, nails, wire from site. The boards were cut into 1-3 ft lengths with a chain saw and then placed into a barrel. The area was raked of loose debris and ~~barrels~~ <sup>placed</sup> placed into a 55 gallon drum. The boards are very dry and rotting. 3-55 gallon drums were filled and are currently being stored on-site.

1115 a sample grid is being set-up over the center of the former wood pile. The grid captures the 1993 phase I sample locations. 7 locations were marked with one pt



in the middle and 6 pts on a 7 ft radius each spaced 7 ft from each other.

1210 all personnel off-site (picking up two additional 55 gal. drums from TA-21) for lunch

1330 Personnel back on site

1340 Set up sample grid as described above for PRS 32-001 the incinerator location. once grid was established 5"x5" areas of asphalt were removed with a electric percussion Hammer. The asphalt is approx 3-4" thick. Area secured of tripping hazards (sample pts are in the County Roads Division parking lot)

1620 All Personnel off-site End of Day

Jeff Walterscheid FTh

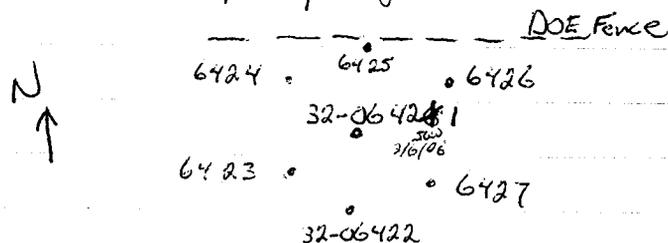
3/5/96

32-003,  
empty  
all  
sides  
and  
nothing  
you  
d outside  
digitated

LA  
FF.  
PRS

6 March, 1996 Wednesday page 1 of 4  
 Weather: Snow is falling (light snow), snowed last nite, Cold 32°F  
 light breeze

- 0815 Scott Wimer (SSO) and Jeff Waltersched on site  
 Preparing sample kits, coolers, paperwork, etc to sample  
 PRS 32-003. 1025
- 0840 Setting up equipment at sample site. Still snowing, instruments  
 and paperwork being kept in cooler until needed. 1035
- 0900 Marked sample pt grid stakes with location ID's 1040



- 0920 Collecting sample at location 32-06421 (middle pt. of circle)  
 Sample ID #: 0132-96-0181  
 (Soil is very shallow, hand augers will not be used. Will  
 use disposable scoops. Soil samples will be taken to top of  
 toff.) Sample collected 0-3". dk grey silty soil with  
 ≈ 20% organics (roots) 1115  
 alpha: 0 cpm beta/gamma 173 cpm
- 0930 Collecting sample at location 32-06422, Sample ID: 0132-96-0182  
 Sample Depth: 0-2", dk brown slightly moist soil, some clay, med.  
 organic content.  
 alpha meter not functioning properly due to high humidity and snow  
 B/G: 182 cpm
- 0945 Warm-up Break 1140
- 1000 Collecting at 32-06423 Sample ID 0132-96-0183 1210

13

6 March cont.

page 2 of 4

Sample depth: 0-5" dk brown silty soil, mod organics (grasses on surface)

B/G: 183 cpm

Note: Beginning to snow harder.

1025

Location: 32-06424 Sample #: 0132-96-0184

Depth: 0-5" dk brown silty soil, mod organics.

B/G: 190 cpm

1035

Taking break to see if heavy snow lets up

1040

light snow back to sampling

Location: 32-06425 Sample #: 0132-96-0185

Depth: 0-4" dk brown silty soil, roots, grasses on surface

B/G: 192 cpm

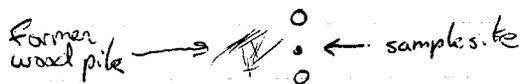
1055

Location: 32-06426 Sample #: 0132-96-0186

Depth 0-2" silty, sandy soil (possible run-on from sand yard)

B/G: 218 cpm

Note: sample taken directly underneath former pad location



o ← cutoff poles

SW 3/6/96

1115

Location: 32-06427

Sample #: 0132-96-0187

Depth 0-3" dk brown moist silty soil, 50% organics (roots)

B/G: 190

Location 32-06427

Sample #: 0132-96-0205

Field Duplicate of sample 0132-96-0187

Note: all samples at PRS 32-003 were collected from the soil surface to toff interface. Did not sample into the toff. Samples <sup>w/11/96</sup> submitted for PCB analysis at Chem Van, Rad analysis at Rad Van

1140

Moving equipment, supplies, samples, etc. back to field trailer.

1210

off-site for lunch

14

6 March Cont.

page 3 of 4

- 1315 Back on site, gather sample supplies for PRS-32-001
- 1330 Removing asphalt caps from sample pts. Note asphalt is approx. 3-4" thick, all samples will be collected from base of asphalt being 0".
- 1340 <sup>sw</sup> ~~3/6/86~~ ~~location~~ Samples for PRS-32-001 are in the LA County Roads Division Parking lot and are centered off the exposed southeast corner of the incinerator pad.
- 1341 Location: 32-06428 Sample #: 0132-96-0151  
 Depth: 0-10" lt brown, moist soil with moderate clay content (possible fill material) trace gravel. met refusal at 10" due to large rock. Second sample not collected.  
 Note see 550 logbook for Rad readings. Will only note elevated readings in FTH logbook.
- 1405 Jim Santo on site to assist with sampling. No longer snowing but much colder.  
 Location: 32-06429 Sample # 0152  
 Depth: ~~0-10"~~ <sup>10-15"</sup> ~~sw~~ ~~3/6/86~~ lt brown soil, clay, rock fragments  
 Sample # 0153  
 Depth: 0-10" brown, moist clayey soil, small gravel, trace asphalt
- 1410 Location: 32-06430 Sample #: 0154  
 Depth 0-10" lt. reddish brown clay, moist (backf. (?) trace asphalt.  
 Sample # 0155  
 Depth 10-15" lt reddish brown s. lt sand w. th. clay, no rocks
- 1430 Location 32-06431 Sample # 0156  
 Depth: 0-10" brown moist sandy/clay soil  
 Sample # 0157 <sup>Depth 10-15"</sup> brown moist sandy soil with clay and lg pieces of old asphalt (upto 1" in size)
- 1500 Location 32-06432 Sample # 0158  
 Depth: 0-10" lt. brown, high clay content, moist, trace gravel

15

6 March Cont.

page 4 of 4

Met refusal at 10". Note, beginning to snow very hard and sticking.

1515

Location 32-06433 Sample # 0158

Depth: 0-10" Lt. brown soil with sandy clay, moist trace pea gravel.

Sample # 0160

Depth: 10-15" reddish brown clayey soil, moist.

1530

Snowing very hard and sticking to ground. Have to stop sampling so the county can move the snow plows.

1545

all supplies put away, finishing sample paperwork. All samples collected at PRS 32-001 will be submitted to the Chem van for PCB analysis and to the rad van for Rad analysis.

1600

all personnel off site.

Jeff Walters FTH  
3/6/96

16

7 March 1996 Thursday  
Weather: Sunny, warm, 45°F

page 1 of 3

0850

Getting supplies from the trailer.

0900

Tailgate safety meeting: personnel onsite J. Walters, S. Winer,  
J. ~~Santos~~ Santos, Setup exclusion zone for PRS-32-001

0905

Beginning to auger at location 32-06434

Sample # 0132-96-0161

Depth 0-10" beneath asphalt (asphalt 3" thick)

Description: reddish brown clayey soil with turf fragments

Sample # 0132-96-0162

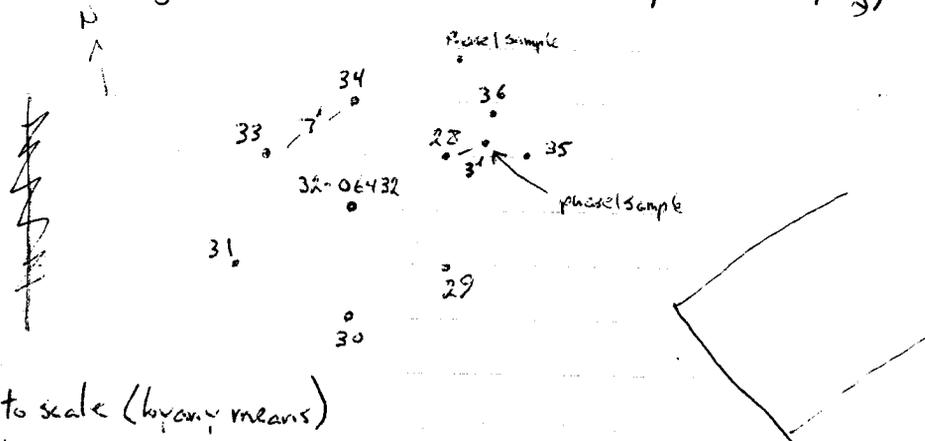
Depth: 10-15"

Description: same as above with more turf

0935

Selected two additional sample pts (approx 4' up gradient and 4' down gradient from the KB hit in phase I sampling)

Road Division  
Blading



Not to scale (by any means)

0940

Breaking through asphalt with electric percussion hammer

1000

Hand augering at location 32-~~06435~~<sup>06435</sup> J.W. 3/7/96

Sample # 0132-96-0163

Depth: 0-10" beneath asphalt

Description: 1" reddish brown clayey <sup>soil</sup> ~~asphalt~~ moist with traces of old asphalt

Sample # 0132-96-0164

17

7 March Cont.

page 2 of 3

Depth: 10-15"

Description: H. reddish brown clayey soil with pieces of red brick, trace tuff fragments.

1025

Hand augering at location 32-06436

Sample # 0132-96-0165

Depth 0-10"

Description: H. reddish brown clayey soil, trace asphalt, moist to wet

1040

Hitting refusal at 10". Trying to work around rock.

Sample # 0132-96-0166 (able to get around rock)

Depth 10-15"

Description: H. reddish brown soil with clay

1100

trying to deepen hole at location ~~or~~ 32-06428 to get the 10-15" sample.

Able to get around the rock. 10

Sample Id 0132-96-0167

Depth 10-15"

Description: H. reddish brown soil with clay

Duplicate Taken. sample # 0132-96-0207

1130

Deepening hole at 32-06432 to get the 10-15" sample

Sample ID 0132-96-0168

Depth 10-15"

Description: H. brown soil mod clay content, pieces of red brick and tuff.

1200

Cleaning up sample area, backfilling auger holes (requested by LA county) moving equipment back to trailer, completing paperwork

1215

Took wood sample from wood debris pile. Wood is old and rotting and sun bleached. Sample put into a 125ml clear glass bottle.

18

7 March Cont.

pg. 3 of 3

1245

Completing chain of custody, Danny Kataman called and requested that we do not deliver samples to the RAD van for screening. He wants us to do one minute counts <sup>SW 3/1/86</sup> of on 4 samples from 32-001 and 4 from 32-003. <sup>SW 3/1/86</sup> He Danny and Beverly Martin have discussed and agreed to send the PCB samples to the Chem van without screening results from the Rad van. Samples delivered to the Chem van by Scott Wimer. All personnel off site.

0  
C  
0  
C  
0  
10

1315

1400

Scott Wimer and Kevin Hyde will rope off canyon bench 6ft from edge and establish a new route into canyon as stated in the SSKASP mod. this afternoon

10

Jeff Walter <sup>SW</sup> FTH  
~~Jeff Walter~~

Note: Scott completed roping off canyon edge (on the bench) and establishing a new route for at least hillside sampling for 32-002(a,b)

104

105

19

8 March 1996 Friday

page 1 of 2

Weather: Sunny, warm 47°F, no clouds, light breeze

0830

Personnel onsite: J. Walterscheid, S. Wimer

0845

Tailgate safety meeting: slips/trips/falls, cliff safety, etc.  
Setting up H&S equipment at field trailer

0900

Setup waste management area near field trailer

0930

Putting together sample packets for outfall/Hillside sampling. Loaded packs with supplies and sampling equipment.

0950

Clearing brush from new route onto canyon bench.

1015

Setting up to sample upper drainage area (canyon bench) for 32-002. Note: samples being collected as 32-002, cannot breakout individual drainages for 32-002 (a, b).

1030

Sample location: 32-06311: taken at edge of eastern drainage, broken bottle, paint can, other debris uphill of sample location (debris 1.1 hrs drainage area).

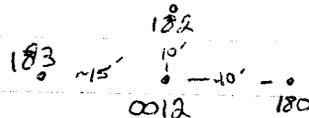
Sample #: 0132-96-0011

Sample description: grey silty sand with organics (roots) dring.

\* Note: all samples collected on hillside will be submitted to the chem van for <sup>XRF metals</sup> ~~heavy~~ screening and to the Rad van for rad screening.  
JWB 3/2/96

1045

Sample location: 32-06312. Collected in main drainage between phase I samples 183-180. photograph taken



Sample #: 0132-96-0012

Sample description: moist dk brown sandy silt, trace organics

1057

Sample location: 32-06313. Sample collected in main drainage high soil accumulation area. Photograph taken of sample being collected.

20

8 March cont.

page 2 of 2

Sample #: 0132-96-0013

Sample description: Lt brown silt sand, organic layer approx. 1 inch from surface, trace moisture.

1110

Sample location: 32-06314. Sample collected outside of drainage on eastern side.

Sample # 0132-96-0014

Sample description: Lt brown silt sand, trace organics/moisture.

1117

Sample location: 32-06315 sample collected 6ft from mesa edge on canyon bench at the straw bale control dam (on uphill side). Note: a game trail crosses the sample area.

Sample #: 0132-96-0015

Sample description: dk brown moist sandy silt with trace organics (roots)

1130

Sample location: 32-06316 sample collected along western edge of drainage (possibly out of drainage)

Sample # 0132-96-0016

Sample description: lt brown moist sandy/silt soil, trace organics.

1145

hiking out of canyon to drop off samples and complete paperwork.

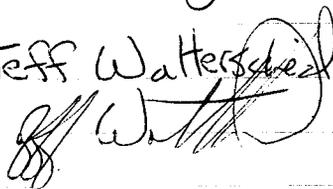
1200

Covered exposed soil beneath former wood pile at 32-003 with plastic.

1215

all personnel off site, site secure. S. Wimer picking up supplies in S.F. this afternoon, J. Walterscheid attending waste management training at W.R. Training Center 1:50pm.

Jeff Walterscheid FTH



21

11 March 1996 Monday

page 1 of 5

Weather:

- 0800 Personnel on-site: J. Watterscheid, S. Wimer
- 0815 Tailgate safety meeting: Cliff safety, slips/trips/falls etc.  
Rad meter is dead, Scott went to get new batteries.  
Putting together sample packets for Hillside below 32-002.  
Note: samples taken with disposable scoops and plastic bags to avoid decanting.
- 0840 mapping today's sample locations. Will complete 32-002 top to bottom of canyon and station 32-004.
- 0845 Clint Daymon on-site to review H&S postings, etc.
- 0855 C. Daymon off-site, heading into canyon to sample Hillside below 32-002.
- 0910 Sample location: 32-06317. Sample collected on western edge of drainage  
Sample # 0132-96-0017  
Description: H greyish/tan silty sand, high root content trace moisture.
- 0930 Moved down to edge of cliff for next sample.  
Sample location: 32-06318 taken at edge of cliff (16ft back) at western edge of drainage. Possible old channel.  
Sample # 0132-96-0018  
Description: silty sand, dry, no organics.
- 0950 Sample location: 32-06319. Sample collected approx 15' outside of drainage on the eastern side  
Sample # 0132-96-0019  
Description: H greyish silty sand (weathered to ff) trace moisture/organics.  
Completed sampling on bench for 32-002, mapped sample

22

11 Maran Cont.

page 2 of 5

sites, and hiking out of canyon.

1010

Completed paperwork, securing area and moving to bottom of LA canyon

1030

Spoke with Brad Parker of Parker Construction about trenching requirements for waste characterization sampling of the pipelines.

1050

to Driving to canyon.

1100

Hiking up to base of ~100' cliff to begin sampling of lower drainage area. Note that the drainage for 32-002 is not well defined (same as the bench). A well defined drainage channel lies approx. 100' west (up canyon). It will also be sampled

1120

Sample Location: 32-06320. at base of cliff directly beneath assumed outfall drainage for canyon bench.

Sample # 0132-96-0020

Description: silty sand, brown, moist weak organic layer approx ~1" below surface. 0-6"

1145

Sample location: 32-06321. Sample collected on lower slope below 70-100' cliff. Drainage patterns are indistinct for 32-002

Sample # 0132-96-0021

Description: silty sand, brown, moist, weak organic layer 0-8"

1205

Sample Location: ~~32-06321~~<sup>32-06322</sup> 32-06322. Sample collected in east trib (near base of cliff) for main drainage in area  
Note: this drainage looks to drain most of canyon bench near 32-002 going west.

Sample # 0132-96-0022

Description: good soil accumulation area in drainage, variable grain size. Sandy silt with organics 0-5". Not able to go deep due to tuff boulders.

23

11 March Cont.

pag 3 of 5  
Jul 3/1/66

1230

Sample location: 32-06323. collected on ~~stee~~ lower slope beneath 70-100' cliff in possible old drainage area.

Sample # 0132-96-0023

Description: silty sand, dk brown, moist, trace organics 0-5"

1243

Sample location: 32-0632~~3~~<sup>4</sup> Collected on lower slope below 70-100' cliff

Sample # 0132-96-0024

Description: Silty sand, moist, trace organics 0-5"

1255

Sample location 32-06325 collected approx 15-20' above floodplain and 15' east of lg drainage channel.

Sample # 0132-96-0025

Description: dk brown-black silty soil, high organics, moist (almost looks like peat) 0-10"

1310

leaving LA Canyon going back to field trailer

1320

Arrived at Field trailer, completing paperwork, putting sample packets together to sample at 32-004.

1330

D. Kataman called and said to deliver the samples to the rad/chem vans. Completed Chain of Custody

1400

Delivered Rad samples to Don Dale and XRF metals to Laura Kelly at TA-59. Delivered all 32-002 H. H. side samples (15 rad and 15 chem van).

1430

Back at TA-32

1445

Into zone to begin sampling canyon bench for 32-004

1500

Setting up to sample on canyon bench at base of cliff below outfall pipe (still in place) for 32-004. Note Run-off from Knecht Street drainage has cut drainage channels (up to 3ft deep) across a 200 ft plus wide area on the mesa top and canyon bench. Each drainage has been heavily scoured. Debris (oil cans, asphalt, paint, rusting autoparts, plastics, etc.) litters the whole area.

March 11 cont.

page 4 of 5

1510

Sample location: 32-06326. Sample collected at base of cliff beneath at Fall pipe for TA-32-3 (PRS 32-004)

Sample # 0132-96-0056

Description: dk brown black sandy soil moist, trace organics, 0-5"

1530

Sample location: 32-06327 Sample collected approx. 10' east of and out of main drainage channel. Area still has received minor run-on from mesa edge.

Sample #: 0132-96-0057

Description: lt grey-tan silt, sand, trace organics, dry, 0-6"

1545

Sample location: 32-06328. Sample collected in large sediment trap behind large tuff boulders in main drainage. Drainage cut down 2-3 ft. Lots of water moves through here when it rains.

Sample mainly consists of sand and gravel.

Sample #: 0132-96-0058

Description: Sandy fine grain gravels, moist, some silt, trace organics 0-8"

1557

Sample location: 32-06329. Sample collected outside of western edge of drainage, soil is hard pack, mainly silt.

Sample #: 0132-96-0059

Description: lt grey-brown silt, dry, trace organics

1617

Sample location: 32-06330. Sample collected in west drainage <sup>swamp 3/1/86</sup> channel (drainage splits into 3 smaller channels near bottom of bench) approx. 15-20' from cliff edge. taken at a good sediment trap.

Sample # 0132-96-0060

Description: dk brown grey silt-sandy soil moist trace organics (0-6")

1630

Sample location: 32-06331 Sample collected in eastern arm of drainage approx. 10' from cliff edge on tuff bedrock.

Sample # 0132-96-0061

25

March 11 cont.

pg 5 of 5

Description: H grey s. lly sand, dry taken on top of bedrock. 0-4"

Note: all hillside samples are surface samples collected with disposable scoops and plastic bags. They will be submitted to the chem van for XRF metal screening and to the rad van for gross alpha/beta/gamma moisture, and tritium. Sample depths range from 0-6" unless otherwise noted.

- 1645 Hiking out of canyon bench, putting away supplies, storing samples from 32-007 for delivery to vans tomorrow.
- 1650 Area secure all personnel off site.

Jeff Walterscheid  


if

us, 0-5"  
top of

2-6"  
ment  
average  
bins.

time  
atom

(6-6")

12 March 1976

page 1 of 4

- Weather: Sunny w/ warm 50-60° F. Light breeze, partly cloudy
- 0830 Tailgate safety meeting: Slips, trips, falls, cliff safety, etc.  
Personnel in attendance: Scott Wimer (SSO) Jeff Walterscheid (FTW)
- 0845 Putting out H&S equipment (1st aid, eye wash, water, etc)
- is Getting supplies together to sample lower hillside in LA Canyon
- 0900 left site to drive to bottom of LA Canyon
- 0915 Arrived at bottom of canyon, parked and started hiking up hillside to base of cliff.
- 0930 Arrived at base of cliff for 32-004 drainage path.  
selected sample location in sediment trap directly at base of cliff.
- 0940 Sample location 32-06332. Sample collected at base of cliff in good sediment trap.  
Sample # 0132-96-0062  
Description: sandy silt, trace moisture, trace clay  
Note: pieces of asphalt in surrounding area, Also drainage is well defined down cutting approx 1-2', 2-4' wide, jumble of buff blocks (3' to cobbles) and soil. All samples will be surface samples unless otherwise noted.
- 1005 A deep (upto 5') and wide <sup>(10-15ft)</sup> drainage is located 10-15' west of atfall drainage 32-004. This large drainage is currently the main channel for run-off from Krecht st.  
Sample location: 32-06333. Collected on east bank of lg. drainage to show historical soils.  
Sample # 0132-96-0063  
Description: taken randomly at bank in a 2'x2' area.  
consists of silt (very dry)  
(steep rocky channel and slope)

27

12 March Cont.

1033

Sample location: 32-06334 collected along west side of drainage

page 2 of 4

Sample # 0132-96-0064

Description silty-sandy soil, moist, trace moisture

1050

Sample location 32-06335 Collected on west bank of drainage

Sample # 0132-96-0065

Description. Silty-sand, dry trace organics

1106

Sample location 32-06336. Drainages converge between sample locations 6335 and 6336. sample collected in lg. sediment trap in drainage basin.

Sample # 0132-96-0066

Description: Fine-med. <sup>grain</sup> sand, moist no organics. Sampled at depth 0-10". Sample taken approx 80' above 41-8/9

1130

Completed Lower slope sampling. Hillside is steep, very rocky with many drainages and overgrown in oak.

1145

Going back to office to see when D. Katzman wants to go to the field to see the canyon bench drainage behind 32-004

12:30

Going back to TA-32 field trailer to complete sampling paperwork.

1300

D. Katzman onsite, reviewing recent work.

1315

Going into canyon to the canyon bench area of 32-004. S. Wimer is widening trail through thick brush.

1325

Reviewing drainage patterns and associated erosion from run-on from the stormwater channel behind Knecht's Auto.

1400

Collecting a sample at base of 17" channel bank. lg toff clasts intermixed with silty sand make up the bank. The drainage channel is dry silty sand with toff clasts

Sample location: 32-06337

Sample ID: 0132-96-0067

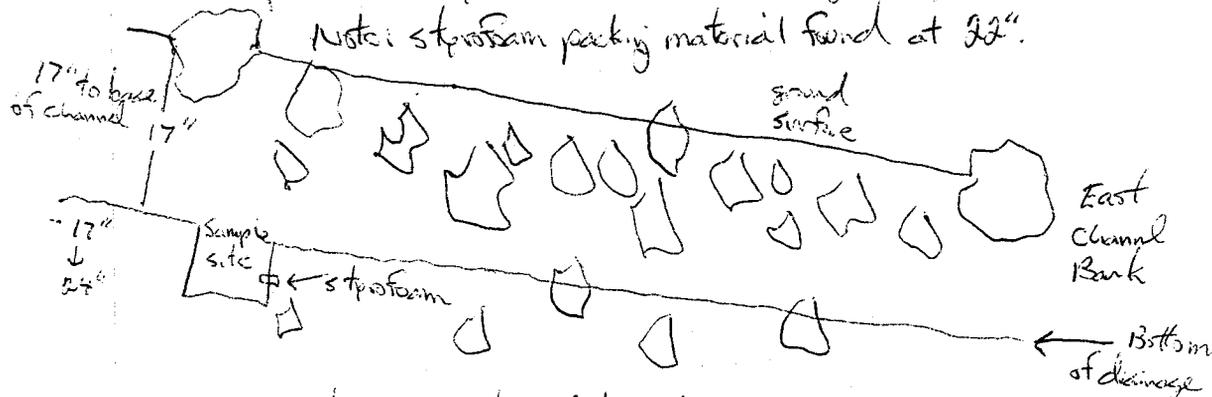
28

12 March Cont.

pg 3 of 4

Description: s. l. sand with trace organics, moisture.

Notes: styrofoam packing material found at 32".



1430

looking at the rest of the drainage.

1445

Hiking out

1500

D. Katzman off-site. will sample mouth of outfall pipe and 2 samples in stormwater run-in drainage channel.

1520

Sample location: 32-06338 Sample collected approx. 6' from mouth of outfall pipe (bore toff until sample location) taken in a good sediment trap behind toff blocks

Sample # 0132-96-0068

Description: dk brown moist s. l. sand trace roots 0-7"

1548

Sample location: 32-06339 Sample collected in dirt drainage channel approx 25' from edge of asphalt channel (behind kretek)

Sample # 0132-96-0067

Description: dk black sandy s. l. very moist, trace clay at depth 0-6"

1605

Sample location: 32-06340 Sample taken in dirt drainage channel at DOE Fenceline (area littered with trash also noted that 5gal paint cans etc have been picked up and removed)

Sample # 0132-96-0070

Description: dk black sandy s. l. mod organics moist

1618

Completed sampling returning to trailer to complete paperwork.

1630

All personnel off-site area secure. Delivering

29

12 March Cont.

103 4/4

Samples to TA-59 rad/chem vans.

1645

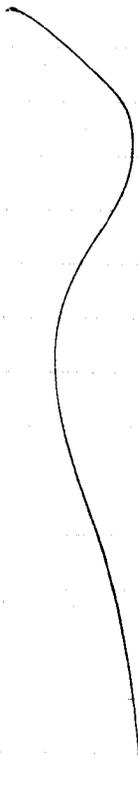
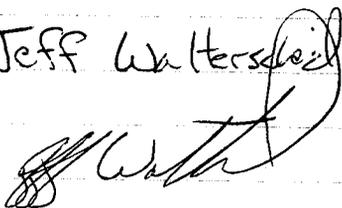
Delivered <sup>SW 3/12/06</sup> samples 15 samples (all of PRS 32-004 XRF/rad screening samples.

1705  
~~1705~~  
SW 3/12/06

Back to office.

Kathy Dy

Jeff Waterscheid FTZ



13 March 1976 Wednesday

pg 1/1

1430 J. Walterscheid and Parker Construction Personnel on site to remove the guard rail and open up the LA County Fence.  
1500 tasks completed Parker personnel off site.

J. Walterscheid posting PCB contamination signs to the 3 55-gallon drums holding the wood from the wood debris pile (analytical results showed 2 ppm PCB)

Met with B. Martin to discuss field sampling progress.

Met with LA County personnel to show them what we needed moved for our waste characterization tracking.

1610

~~off~~ all personnel off site, even ~~secure~~ <sup>secure</sup> <sub>3/13/76</sub>

Jeff Walterscheid FTH  


14 March 1996 Thursday

pg 1 of 4

Weather: Sunny, warm, 60F

0800

J. Walters did pick up additional sample bottles etc from the SMO. S. Wimer is giving a H&S briefing to Art Levey of Parker Construction at the office

0830

Moving to TA-32 with backhoe

0900

S. Wimer did a rack sweep over the backhoe, a tor below background on parts, buckets etc. Tailgate meeting S. Wimer, Art, J. Walters

0915

Moving fence, pulling fence post and sloping bank to begin excavation for PRS-32-002(b) off of former Bldg 32-3.

0930

beginning to excavate by pulling back surface soil near <sup>new</sup> fence

950

trenching

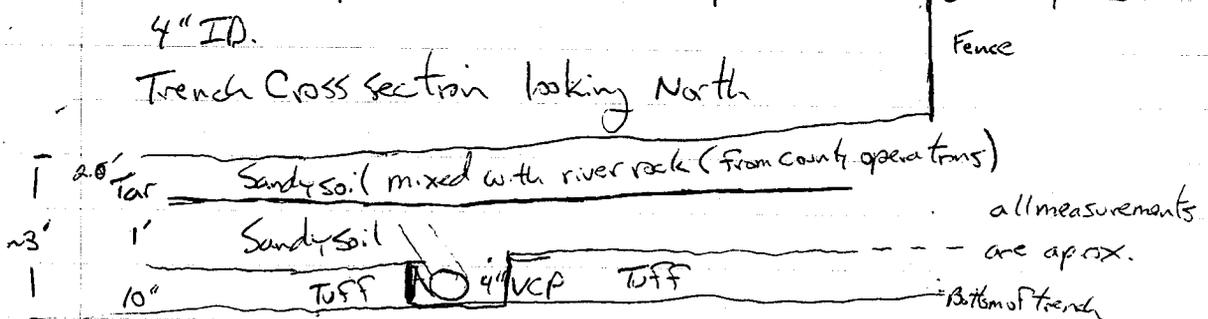
1000

located pipe with backhoe. Pipe is in backfill material (sand and gravel) widening trench to access pipe location. Pipe <sup>was</sup> broken by hoe.

1030

Trench is approx 3' deep by 6' wide x 6' long digging with shovels to expose north opening of pipe. Pipe is located in tuff trench. Note that a 1/2-inch thick continuous layer of tar is visible in north wall of trench. This tar is from previous wash down operations of asphalt trucks by LA County. All of the soil in the trench walls is moist from rain/snow infiltration. Pipe is vitrified clay and 4" ID.

Trench Cross section looking North



all measurements are approx.

Bottom of trench

37

14 March Cont.

page 2 of 4

- 1100 Pipe is  $\frac{1}{2}$ - $\frac{3}{4}$  full of a very moist-wet sandy clay. Grey in color, lots of roots. PID and Rad monitors showed no elevated readings. Soil in pipe is <sup>JW 3/14/86</sup> ~~most likely~~ probably from wash in when TA-32 underwent R&D activities.
- 1120 Collecting sample from a ~3ft section of pipe  
Sample location: 32-06303  
Sample ID: 0132-96-0003  
Description: moist to wet sandy clay, grey, roots through out, pieces of gravel (wash material)
- ~~1130~~ 1130 Beverly Martin on site to look at <sup>exposed</sup> ~~pipe~~ pipe  
~~1150~~ B. SW <sub>JW 3/14/86</sub>
- 1145 Had Art Levy backfill trench and smooth over surface
- 1155 Fixing (tying up) fence, B. Martin off site
- 1200 Art Levy off site for lunch, J. Walters, S. Wimer completing paperwork.
- 1230 Moving backhoe to 32-002(a) <sup>SW</sup> to begin trenching
- 1245 Set-up zones
- 1250 Beginning to trench at 32-002(a) setup center of trenching activities on ex. pipe location from Bill Francis's composite drawing. Trenched 12' west and didn't find the pipe or the pipe trench.
- 1305 Backfilled trench and began trenching towards the <sup>east</sup> ~~eyes~~ <sub>SW 3/14/86</sub>
- 1312 A hydraulic line on the backhoe has developed a small spraying leak, stopped all operations until line is replaced.
- 1345 The mechanic for Parker Construction is on site and replacing the leaking line.
- 1350 Paul Parker on site
- 1400 Back on the job, lost approx. 6-2 pints of hydraulic fluid (most of it was sprayed onto S. Wimer's Bronco) Paul Parker off-site

14 March Cont

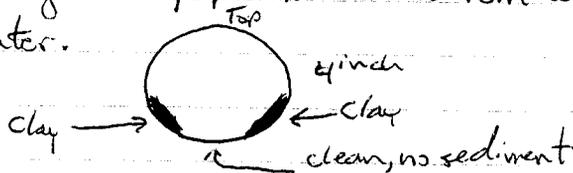
page 3 of 4

1405

Mechanic off-s. to. Continuing to trench towards the east. Trench is located approx. 5 south of trenching operations during phase I ~~operations~~ <sup>on 3/14/95</sup> work when they found the steel riser pipe. Moved south to try and locate the steel stubout pipe and/or the clay drain line.

1420

located the steel stubout pipe, asked the hoe operator (Art Levy) to trench down the line (south) to expose the clay portion of the pipe. Moved south approx. <sup>SW</sup> 1' and found the steel pipe connected to a black tar paper like paper pipe. Art Levy (who worked for LA County for 35 yrs) said the pipe was used in sewer lines and to run electric lines through. It he called it "orangeburg". The pipe can be cut with a shovel. Removed approx. 2' of the pipe to look for sediment/sludge. Rad and screening was at background and the PID was 0.00. A thin veneer (1/4 inch) of clay lined both sides of the pipe but the bottom was clean from running water.

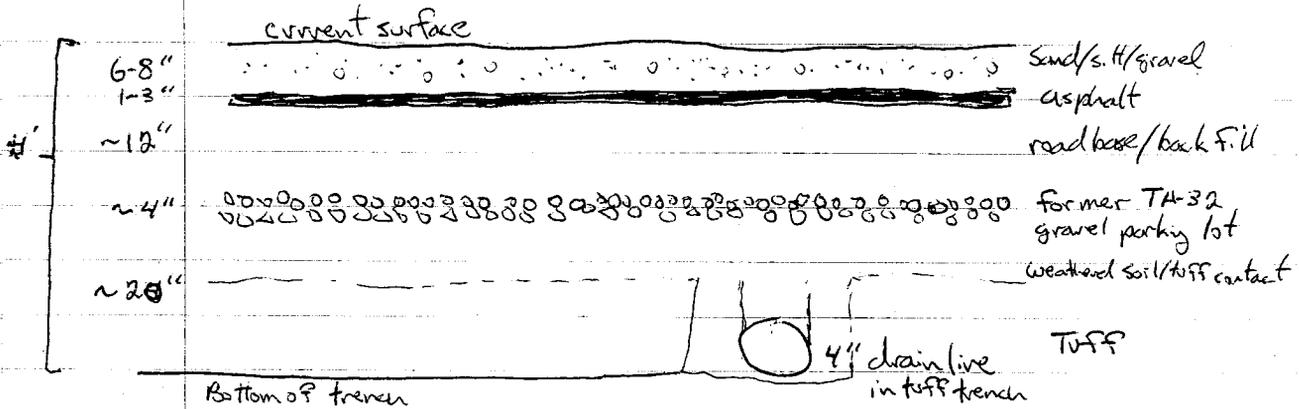


We ~~opened~~ <sup>continued</sup> to trench to the south to open up more pipe to get enough sample material. Note that the "tar paper" flaked off and is present in all sample bottles. Sample collected over approx. 12 ft of pipe. A packet of sand was found in the pipe (by putting a modified garden hoe down the line we able to pull back sand/clay from pipe that had not been uncovered) and sampled. Also note that the former gravel parking lot is visible. the trench wall, see cross section on next page.

14 March Cont.

page 4 of 4

Note: weather has changed to very cold 35°F, windy and trace snow.



Cross section of trench looking North.

1520

Completed collecting sample

Sample location: 32-06301 taken over approx. 12' of pipe

Sample # 0132-96-0001

Description: Mixture of clay and sand, moist, no organics (roots)

Note that pipe is very clean compared to 32-002 (h)

1600

Backfilled and smoothed over trench

1620

All personnel off site, area <sup>JW 3/14/96</sup> ~~secure~~ secure

Samples will be delivered to the SMO for ~~at~~ 7 day turn around tomorrow.

End of Day

Jeff Walters (signature) FTH

15 March 1996 Friday

page 1 of 4

Weather: Snowing, Cold 32°F

Personnel onsite: J. Walterscheid, S. W. Min, C. Daymon, A. Levy (Paper Castler)  
 0730<sup>SW 3/15/96</sup> tailgate safety meeting: Cold, Slips/Trips/Falls, Backhoe safety, confined spaces, etc.

0745 setting up zones at 32-004 to trench and find pipeline for waste characterization sampling.

0750 Digging.

0810 located the clay pipe, widening trench to sample.

0820 The pipe is clean, no sediments, water marks are visible along bottom of pipe. Trying to reach linear Wahl for rad swiping the interior of the pipe.

0835 Cannot reach anymore to swipe pipe. Flagging trench and barricading. Locked gate for no access. Note rad is at background and the PIO is 0.00 ppm.

0845 Moving back to 32-002(a,b) to trench near <sup>former</sup> ~~septic~~ <sup>tank</sup> ~~line~~ <sub>sw</sub> location.

0900 Reviewing Bill Francis maps of the drain lines

0915 Removed a ~~second~~ <sup>second</sup> ~~sw~~ section of guardrail and cut both wire fence

0920 moving snow pile/soil to get to trenching location.

0930 linear Wahl said that swiper can be held overhead and that S. W. Min can take them.

0945 Moving back to 32-004 to swipe pipe and back fill trench

0947 Sampled pipe on North and South ends of open trench with rad swiper (one on top, one on bottom). 4 swipes total  
 Location I 32-06305 <sup>sw</sup> interior of pipe

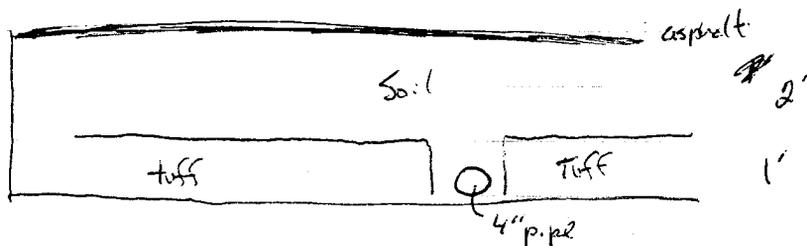
Sample # <sup>sw</sup> ~~to~~ 0132-96-0005Description swipe pipe <sup>interior</sup> ~~interior~~ clay pipe

36

15 March Cont.

page 2 of 4

Cross section of trench at 32-004



0950

Back filling trench, removing zones, moving to area above former septic tank location to cross trench and tie and locate lines tying into it.

1005

Removing snow melt pile to gain access for the backhoe  
 Note: continuing to snow <sup>SW</sup> ~~falling~~, Alpha meter is not working due to the high humidity.

1015

Beginning to trench from the west towards the east.

1030

located a 4" VCP in line with the pipe located yesterday for 32-002(b). Pipe is clean, swipes of the bottom and top interior (from both sides of the trench) of the pipe were taken. Sample I.D. 0132-96-0002 <sup>SW</sup> location I.D. 32-63024 <sup>SW</sup>

1100

S. Wimer off site to deliver the rad samples ~~collected~~ (2 samples collected yesterday, only swipes today) to TA-59 to the Radchem

1115

Moved east to look for pipe leading to septic tank a.

1145

Pipe not found, moved the backhoe back to trench that the pipe for 32-002(b) was found in, had it continue excavating east toward trench looking for line leading to septic tank a.

1200

located pipe angled from original line to septic A to septic tank B.

1215

S. Wimer back on site. Beginning to sample line from 32-002(a). line contains a black <sup>SW</sup> ~~sludge~~ sludge like material. A Rubber test tube stopper, wires, yellow paint

15 Min Cont.

page 38<sup>4</sup>

are in the black sludge where the backhoe broke into the pipe. The pipe is 5" VCP. The sludge lies on the lower 1/4 of pipe. Sample collected over approx. 4' of pipe length.

Sample location 32-0630~~2~~ 2 Collected From interior of pipe.

Sample ID 0132-96-000~~2~~ 2  
JW 3/15/96

Description: Black "sludge" with clay, yellow/white paint chips, moist.

Note: a black rubber test tube stopper, and wires were found in pipe.

1230

J. Walterscheid off site to deliver sample to the Rad van.

1245

Rad samples will not be completed today, ~~will send or~~ will be completed by 11:30am on Monday. Will send other samples off site once rad results are obtained. Went to TA-35 to talk to B. Martin about pipe findings and problems getting sample sent out today.

1400

J. Walterscheid back on site, trench was backfilled, Marty Peifer on site to release Backhoe.

1430

Called Brad Parker and informed him that his hoe was clean and he could remove it from the site.

1500

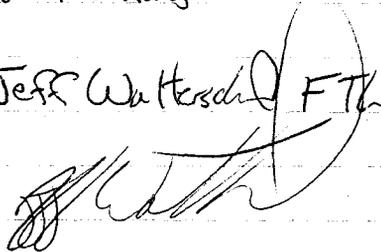
Put away all H&S items, secured area

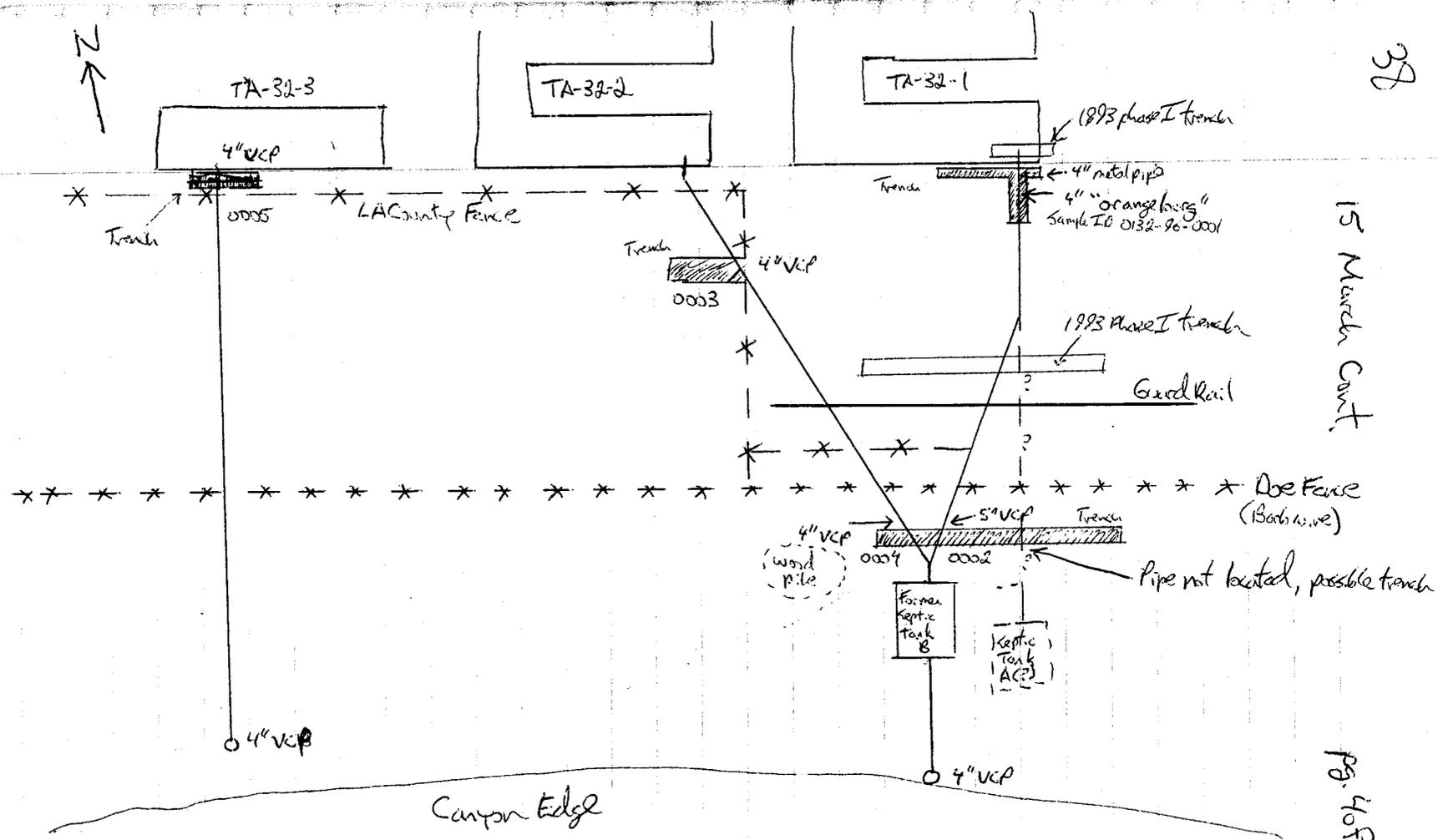
1515

All personnel off site

Note see diagram on page 38 for approx. pipe and trench locations

Jeff Walterscheid FTH





32

15 March Cont.

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Not to scale

39

18 March 1996 Monday

page 1 of 2

Weather: Warm 65°F light breeze, no clouds.

- 1430 <sup>JW</sup> Tailgate safety meeting. Personnel onsite J. Walters, C. Daymon.
- 1435 Gathering supplies to sample for lateral PCB extent at 32-003 to wood debris pile. Samples will be taken 0-10", 10-15" (or 0 to tuff if less than 10")
- 1445 Choosing sample locations. A grid pattern cannot be used due to vegetation, fence, tuff outcrop.
- 1455 Collecting sample at 32-06438 collected east of poles.  
Sample ID: 0132-96-~~0187~~<sup>0193</sup> SW 3/18/96  
Description: Sample collected 0-8" in dk brown moist soil, high organic content (roots).
- 1514 Collecting sample # 32-06439 Between poles that didn't hold transformers  
Sample ID: 0132-96-0194  
Description: dk brown moist s. lty sand, mod organics 0-6"
- 1525 Sample location: 32-06440. Collected down gradient from wood debris pile location.  
Sample ID: 0132-96-0194  
Description: dk brown to gray s. lty sand, mod organics, drying w. depth. 0-7"
- 1540 Sample location # 32-06441, collected in small drainage leading away from wood pile towards the canyon edge  
Sample ID: 0132-96-0195  
Description: dk brown, moist s. lty sand, collected on tuff 0-3"
- 1600 Sample location 32-06442 Collected N of DOE Fence, area has received run-in from LA County yard.  
Sample ID: 0132-96-0195  
Description: dk brown s. lty sand, high organics (0-9")

40

12 March cont.

page 2 of 2

1615

Sample location 32-06443. Collected approx 6' North of sample 32-0 which had 32 ppm. Collected on LA County property  
Sample ID: 0132-96-0198

Description: dk brown, moist silty sand with gravel (run-in from County gravel/sand piles) 0-10"

1620

Sample location 32-06443 Collecting 10-15" from above location.  
Sample ID 0132-96-0199

Description: 10-12" clay/silt 12-15" weathered to ff

1635

Completing paperwork, putting away sample gear.

1645

Area is secure all personnel off-site.

Jeff W. Harscheid FTH



Note: spent morning trying to get last Thurs-Friday samples off-site for analysis. Samples will be shipped off-site today. PCB samples were taken to the chem van for analysis.

19 March 1996 Tuesday

page 1 of 2

Weather: warm 58°, No clouds, light breeze

- 0800 J. Walterscheid on site to set up H&S items. Put together sample packets for sampling at 32-033 to define the extent of PCB's. Moved all sample equipment to site.
- 0830 Cutting out asphalt at 32-001 incinerator location to take an additional fill site sample.
- 0850 Completed cut-out, cleaned equipment to return to J. Skalski at the drill yard. Called C. Dayman, he has another 20-30 min of paperwork to complete. J. Walterscheid returning percussion hammer to J. Skalski.
- 0930 J. Walterscheid back on site. C. Dayman taking background RAD readings at site. J. Walterscheid cleaning up truck.
- 1040 Setting up to sample for PCB extent at 32-033 the transformer site.
- 1045 Sample location 32-06444. Collected N of DOE Fence, S of County Fence
- 

Sample ID 0132-96-0200

Description: dk brown moist silty sand, gravel (from county operations)

1102

Sample location 32-06444 Collected 10-15" from above location

Sample ID 0132-96-0201

Description: dk brown silty sand/clay/weath'd tuff  
10-13 silty sand/clay 13-15" weath'd tuff

42

19 March Cont.

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1126

Sample location: 32-06445: collected approx 14' east of center-pole to check for blow down contamination.

Sample I.D. 0132-96-0202

1145

Description: dk brown moist s.lty sand weak organics. 0-4"  
Will sample toff at 32-06425

1149

Augering down a angled fracture

Sample location 32-06425

Sample I.D. 0132-96-0203

Description: sample consists of weathered toff, s.lty sand, and roots. Augered down a angled fracture. 4-13"

1214

Augering into toff at 32-06427 to determine vertical extent of PCB contamination (previous analysis of 0-3" had 2ppm/13ppm(dup.))

Sample location 32-06427

Sample ID 0132-96-0204

Description: toff 3-10". (not weathered)

1230

Completed extent sampling, cleaning augers, moving sampling equipment, samples, etc back to field trailer

1240

Setup a straw bale erosion control dam south of 32-003.

1300

completing paperwork.

1330

All personnel off site area secure.

1430

Samples (3/18-19/96) delivered to chem van for PCB analysis.

Jeff Walters FT

- 43
- 3/21/96 FTL S. Wimmer
- 0700 Arrive at office to prep paperwork for sampling 32-001 (Incinerator) & 32-002(A) Footprint of former septic tank.
- 0815 Arrive on site & prep to sample.
- 0830 L. DAYMON gives tailgate safety meeting
- 0835 I check storm water control devices & they are OK.
- \* WEATHER SUNNY 60's NO CLOUDS.
- 902 Collect sample # 0132-46-0209  
LOCATION ID# 32-06446. Depth is 2"-10". AT 32-001 the incinerator.
- 915 CLEAN UP AREA & prep to sample 32-002(A).
- 920 CALL DANNY KATZMAN FOR help in assessment of location of former septic tank 32-002(A).
- 930 HE ARRIVES on site.
- 1200 <sup>SW</sup> D. KATZMAN LEAVES site & we will sample locations specified by D. KATZMAN & engineering maps.
- 1210 GO TO LUNCH.
- 1245 Arrive BACK on site. D. KATZMAN CALLS & SAYS BEVERLY MARTIN & HIMSELF will be coming out to site AT 1300.
- 1300 D. KATZMAN & B. MARTIN ARRIVE on site & we discuss vents.
- 1340 THEY LEAVE we prep to sample 32-002(A) footprint.

44  
3/21/96  
1345

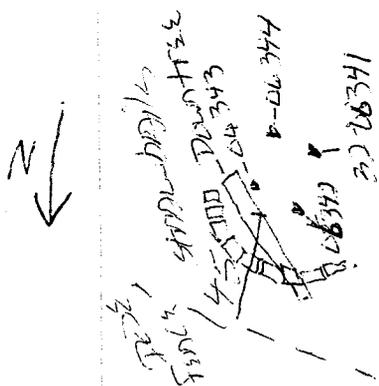
# 286

TA-32

FTL

SLIMMER

map of foot print.



- 1355 Collect sample # 0132-96-0138. Location ID # 37-06341. See collection log for more info.
- 1415 Move to 37-06342
- 1430 Sample # 0132-96-0139. Location ID # 37-06342  
Depth 0-15"
- 1445 Collect sample # 0132-96-0140. Location ID # 37-06343  
Depth 0-13"
- 1500 Start Augering at Location # 37-06344.
- 1505 Collect sample # 0132-96-0141 Location # 37-06344  
Depth 0-12"
- 1515 Done sampling at 37-06344 footprint  
Contact Jim Ganto to generate trailer  
disk for offsite analysis.
- 1540 Leave site for SMO.
- 1615 Relinquish samples for offsite analysis.
- 1630 Leave for Chem Van.
- 1640 Give samples to Chem Van
- 1645 Give samples to RAD Van.

TA-32

#286

TA-32

Wimer

45  
3/21/96

FTL

S Wimer

1650 LEAVE TA-59 FOR OFFICE TO DISCUSS  
 WHAT NEEDS TO HAPPEN TOMMORROW.  
 1700 ARRIVE AT MAIN OFFICE.  
 1710 DISCUSS W/ D. KATZMAN WHAT  
 WILL HAPPEN TOMMORROW.

SCW  
 3/21/96

6343

6344

15.

TA-32

FB#246

Pg 46

3/22/96

FTL

S. Wimer

700

Arrive at office + work on daily report.

800

Go to Joe Skalski's office + get rotto hammer to clean asphalt so we can collect sample at 32-001 incinerator. For a full suite of analysis.

900

Arrive onsite + prep to sample.

910

Check all storm water control measures + all are OK + functioning properly.

920

C. DAYMON gives tailgate safety meeting.

930

Move to sample location.

1000

Collect sample # 0132-96-0210. Location ID# 32-06447. Depth <sup>SW</sup> 2-11".

1015

Done collecting sample prep to take samples to SMO, Chemvan, + RADVAN.

1030

Draw map of sample locations for 32-003 (PLB AREA).

1040

Move to R. Eaton to get paperwork to send samples offsite.

1100

Arrive at R. Eaton's office she gives me paperwork.

1133

Relinquish samples for PCB's to Chemvan.

1145

Relinquish samples to RADVAN.

1215

Relinquish samples to SMO for offsite analysis.

1230

Arrive in office to ~~do~~<sup>sw</sup> figure out from PCB results at 21-003 where to sample next w/ D. Katzman.

1430

Done w/ discussion move to site

1500

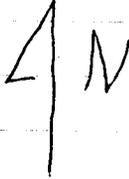
Lead to sample.

S. Wimmer

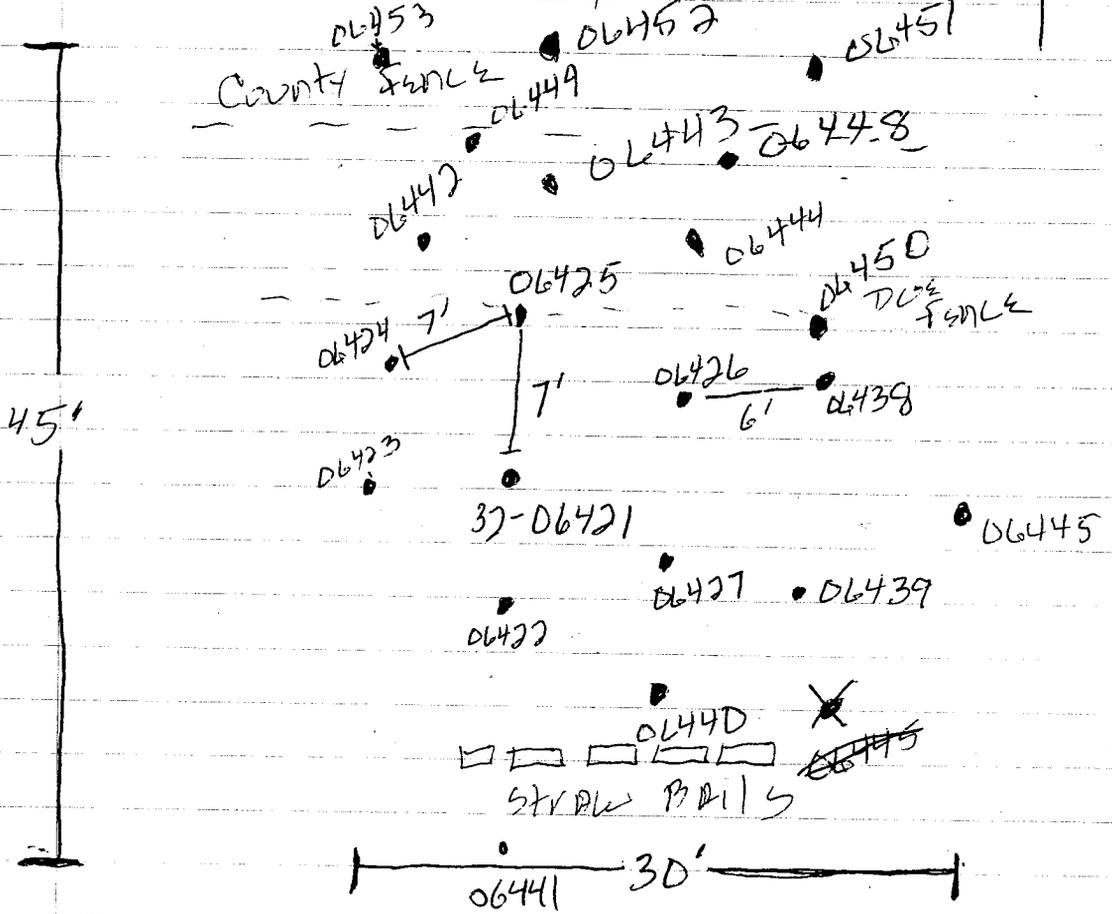
3/22/46

FTL

S. Wimmer



Not to scale



- 1515 Collect sample # 0132-96-0181, Loc # 32-06444  
Depth 15"-20". see collection log
- 1530 Collect sample # 0132-96-0182 Loc # 32-06448  
Depth 0-12". see collection log.
- 1550 Collect sample # 0132-96-0183 Loc # 32-~~006~~06448  
Depth 12<sup>3</sup>/<sub>8</sub> - 30". see collection log.
- 1610 HAVE to offset hole met refusal.
- 1623 Collect sample # 0132-96-0184 Loc # 32-06448  
Depth 30-36". see collection log.

AN.  
analysis.  
om

TA-32

# 286

Pg 48

3/22/96

FTL

S. Wimer

1630

Done sampling at 32-003. Clean up  
area + close up site for weekend.

1700

Leave site for office to finish up  
paperwork

1800

END OF DAY

~~SLW  
3/22/96~~

S. Wimer  
P3/25/96  
750

FTL

S. Wimer

Arrive in office & prep PAPERWORK  
FOR TODAY.

930 Arrive onsite & prep to sample.

935 Check all stormwater control measures &  
all are OK & functioning properly.

940 C DAYMON gives tailgate safety meeting.

1005 Enter EZ to sample PCB ATSA 32-003.

1015 Collect sample # 0132-96-0145, Loc # 32-06449.  
Depth 0-12".

1025 Collect sample # 0132-96-0146, Loc # 32-06449  
Depth 12-18".

1030 GRASHA COFFIN ARRIVES ONSITE (ER PHOTOGRAPHER)  
& I inform her of when VCA WORK will  
START.

1040 Sample # 0132-96-0147, Loc # 32-06450  
Depth 0-7".

1050 Collect sample # 0132-96-0148, Loc # 32-06450.  
Depth 7-13".

1100 Auger in existing hole LOCATION ID # 32-06443

1120 Collect sample # 0132-96-0149 Loc # 32-06443.  
Depth 15"-33".

1130 Collect sample # 0132-96-0140 Loc # 32-06443  
Depth 33"-35".

1135 Start to recollapse location 32-06442 to  
sample the lower intervals. We encounter  
many roots & have to dig them out.

1210 Collect sample # 0132-96-0191 Loc # 32-06442  
Depth 9-14".

1215 Prep samples to take to chem van.

3/25/96

FTL

S. Wimer

- 1245 LEAVE SITE FOR OFFICE.
- 1300 SPEAK W/ D. KATZMAN
- 1400 MOBE TO CHEM VAN. TO DROP OFF SAMPLES.
- 1410 DELIVER SAMPLES TO CHEM VAN.
- 1420 GET PAPERWORK FROM R. EATON FOR 32-004 (VAULT) SAMPLING.
- 1445 GET PORTABLE DRILL (ROTOHAMMER) FROM J. SKALSKI TO MAKE HOLES IN THE ASPHALT.
- 1500 MOBE TO OFFICE.
- 1510 SPEAK W/ D. KATZMAN & DO SOME PAPERWORK. I REALIZE THAT PAPERWORK FOR SAMPLES COLLECTED TODAY IS A REPLICATION OF SAMPLES TAKEN AT AN EARLIER TIME. I TRY & CALL R. EATON TO FIND OUT WHY SHE IS GONE FOR DAY.
- 1600 MEET W/ JOE SUZZO ABOUT GETTING SOME ITEMS MOVED FOR VAULT SAMPLING. HE SAYS TO CALL HIM AT 8:00 AM TOMMORROW.
- 1620 COLLECT 2 RAD SWIPES FROM 32-004 DRAIN PIPE. SAMPLE WAS TAKEN AT THE OUTFALL PORTION OF PIPE (TOP & BOTTOM OF PIPE).
- 1640 LEAVE SITE FOR DAY
- 1650 BACK AT OFFICE END OF DAY

~~3/25/96  
Sew~~

Wimmer

3/24/96

FTL

S. Wimmer

700

ARRIVE AT OFFICE SPEAK W/  
REATOR ABOUT YESTERDAY'S PROBLEMS  
+ ASK HER TO CREATE NEW PAPERWORK.

800

TRYING TO GET EVERYTHING COORDINATED  
W/ SURVEYORS SO THEY CAN COME  
UP TODAY + START LOCATING SAMPLING  
POINTS.

900

LEAVE OFFICE FOR SITE

915

ARRIVE ON SITE + MEET W/ SURVEYORS  
+ SHOW THEM THE DIFFERENT AREAS  
THAT NEED TO BE SHOT IN.

1030

SURVEYORS GET TAILGATE SAFETY MEETING  
+ START WORKING. WE START PREP  
TO SAMPLE ON HILLSIDE IN DRAINAGE  
32-002.

1034

I CHECK ALL STORMWATER CONTROL MEASURES  
+ ALL ARE OK + FUNCTIONING PROPERLY.

1100

ENTER #2 TO SAMPLE 32-002 DRAINAGE

1115

COLLECT SAMPLE # 0132-96-0031 Loc # 32-06315  
DEPTH 0-5"

1140

COLLECT SAMPLE # 0132-96-0031 Loc # 32-06345  
DEPTH 0-10"

1145

COLLECT SAMPLE # 0132-96-0032 Loc # 32-06346  
DEPTH 0-7"

1205

COLLECT SAMPLE # 0132-96-0033 Loc 32-06347  
DEPTH 0-8"

1222

COLLECT SAMPLE # 0132-96-0034 Loc 32-06348  
DEPTH 0-10"

1245

COLLECT SAMPLE # 0132-96-0040, Loc # 32-06354 DEPTH 0-4"

1255-6

FTL

6.6.1994

1250

Collect sample # 0137-46 0041 Loc# 32-06355  
Depth 0-6"

1300

Collect sample # 0137-46 0042 Loc# 32-06355  
Depth 0-4" organic silty/sand.  
35' East of Loc 32-06354

1400

Prep samples to take to RADVAN  
& CHEM VAN.

1430

Give samples to chem van.

1445

Give samples to RAD VAN.

1500

Make back to site & start punching  
holes in asphalt for vault sampling.

1600

LEAVE site by Jim Sante & C. DRYMCK  
OF site to collect VAULT SAMPLES.

1610

Return back at site to determine  
next sampling event at 32-003.

1800

END OF DAY

SLW  
3/26/94

S. Wimer

3/27/96

FTL

S. Wimer

0700

Arrive AT office AND do PAPERWORK

715

Meet w/ R. SATON to get more PAPERWORK to sample 32-003.

800

SPEAK w/ D. KATZMAN ABOUT WHAT NEEDS to HAPPEN TODAY

900

Arrive on site &amp; prep to sample.

915

CHECK ALL stormwater control MEASURES & all <sup>flow</sup> are OK & functioning properly.

930

Enter EZ &amp; start sampling.

940

Collect sample # 0137-96-0232 Loc # 32-06451  
Depth 0-10"

950

Collect sample # 0137-96-0233 Loc # 32-06451  
Depth 10-20"

1000

Collect sample # 0137-96-0234 Location # 32-06451  
Depth 20-26"

1020

Collect sample # 0137-96-0235 Loc # 32-06452  
Depth 0-11"

1025

Collect sample # 0137-96-0236 Loc # 32-06452  
Depth ~~0~~ 11-21"

1035

Collect sample # 0137-96-0237 Loc # 32-06452  
Depth 21-28"

1040

move to NEW LOCATION.

1055

Collect sample # 0137-96-0238 Loc # 32-06453  
Depth 0-11"

1115

Collect sample # 0137-96-0239 Loc # 32-06453  
Depth 11-20"

1120

Collect sample # 0137-96-0240 Loc # 32-06453  
Depth 20-26"

1130

START to DOWN AUGERS &amp; SET UP ON NEW Loc.

TA-32

246

Pg 54

3/27/96

FTL

S. Wimer

1150

Go to lunch.

1230

Arrive back onsite & prep to collect more extent samples at 32-003.

1245

Enter 42 & start setting up on new location. 32-DL454

1250

Collect sample # 0132-96-024 / loc # 32-06454  
Depth 0-8"

1310

Prep samples to go to chem van & RAD VAN.

1330

Relinquish custody of samples to chem van & RAD VAN.

1400

Arrive back onsite.

1415

Kevin Hyde arrives onsite to do a health & safety audit on our site

1530

K. Hyde is finished w/ his audit he had no significant findings. He said we need to get a GFI plug that indicates whether or not GFI is functioning properly & we need to put tags on extension cords noting they have been checked when in use.

1540

C. DAYMON & MYSELF do some waste management & prep to leave site for day.

1600

LEAVE SITE END OF DAY

SCW

3/27/96

54

TA-32

JEL

Pg 55

Wimmer

3/28/96

FTL

S. Wimmer

0700 Arrive at office + do paperwork + try to contact R. Eaton about getting some new sampling paperwork for offsite sending of 32-002 samples of drainage

815 Arrive on site + prep to go sample in lower drainage of 32-002 in LA CANYON.

905 Arrive in L.A. CANYON AND move to sample locations.

915 Sample # 013296-0321, LOCATION 32-06325  
Depth 0-6". Description: Fine to med grain silty/sand dark brown. Weather sunny 50's  
Alpha = 0 cpm, Beta = 230 cpm.

925 Arrive at location 32-06323.

930 Collect sample # 0132-96-0322, Loc # 32-06323<sup>sw</sup>  
Depth 0-6", Description: Fine to very fine light silty/sand dry. Weather same as above.  
A = 0 cpm, B = 310 cpm

945 move back to site.

1000 Arrive on site + prep to sample bench of 32-002 drainage.

1010 enter 42

1015 Arrive at location 32-06313

1025 Collect sample # 0132-96-0323, Location 32-06313  
Depth 0-6". Description: Fine to very fine dry silty/sand. Weather same  
A = 1 cpm, B = 283 cpm

TA-37

# 246

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3/24/96

FTL

S. L. Wimmer

1035 Collect sample # D137-96-0324 LOCATION 32-0633  
 Depth 15-22". Desc: <sup>FAMILY</sup> ~~iron~~-welded tube  
 (weathered). Weather: same as above.

$\alpha = 0$  cpm,  $\beta\gamma = 344$  cpm.

1100 Collect sample # D137-96-0325, LOCATION 32-06312  
 Depth 0-6" Desc: Dry silty/sand. Weather  
 same as above.  $\alpha = 0$  cpm,  $\beta\gamma = 330$  cpm.

1110 Collect sample # D137-96-0326, Loc # 32-06312  
 Depth 6-12" Desc: Weathered tube high crystal  
 content. Weather same.  $\alpha = 1$  cpm,  $\beta\gamma = 320$  cpm

1125 Collect sample # D137-96-0327, Loc # 32-06315  
 Desc: Dry silty/sand Depth 0-2" weather same  
 $\alpha = 1$  cpm,  $\beta\gamma = 315$  cpm.

1145 Start prep'ing samples for delivery  
 to SML.

1241 Leave site for R. Eaton's to get  
 coils.

1250 Leave R. Eaton's office to SMO.

1255 Arrive at SMO + relinquish custody of  
 samples to them.

1315 Make back to office.

1330 Go to lunch.

1345 Arrive back onsite to collect more  
 extent samples at 32-003.

1400 Start sampling new locations.

1405 Collect sample # D137-96-0244, Loc # 32-06455  
 Depth 0-10"

1420 Collect sample # D137-96-0245, Loc # 32-06456  
 Depth 0-10"

S. Wiener  
 320233  
 FF  
 10 US  
 2-02312  
 104R  
 10 PM  
 6312  
 04:07:27  
 10 PM  
 6315  
 10R SAME

3/28/96 FTZ S. Wiener  
 1425 Prep samples for delivery to  $\$^{sw}$  Chem VAN.  
 1440 Check all stormwater controls all are OK + functioning properly.  
 1500 Drop off samples to  $\$^{sw}$  Chem VAN.  
 1520 Move to office  
 1610 END OF DAY

~~SW  
 3/28/96~~

of

55

56

TA-37

#266

pg 56

3/29/96

FTL

S. Wimer

0700 Arrive in office & coordinate w/ R. Eaton to get paperwork for sampling 32-004.

0800 Plans change so I am trying to figure out what is happening.

0910 Arrive onsite & prep to sample.

0915 Check all stormwater controls & all are functioning properly.

0930 Arrive at PRS-32-003 & setup to sample.

0935 Collect sample # 0132-96-0248, Loc # 32-06457  
Depth 0-3"

0950 Collect sample # 0132-96-0249, Loc # 32-06457  
Depth 3-6"

1000 Done sampling prep samples to take to chem van.

1010 Leave site for chem van.

1030 Give samples to DON DALE OF RADVAN because no chem van people were present.

1055 J. LOUCK ARRIVES ON SITE TO CONDUCT weekly inspection.

1110 J. LOUCK LEAVES SITE & TELLS C. DAYMON that he needs to inspect EYE WASH weekly.

1120 Move to MAIN OFFICE to catch up on work & get ready for next week.

~~3/29/96 SCW~~

S. Wimer  
KATON

4/1/96

FTL

S. Wimer

- 0700 Arrive in office & prep paper work for today.
- 0800 Speak w/ D. Katzman about locations to be sampled at 32-004 drainage for a full suite of analysis.
- 0915 Arrive on site & prep to sample.
- 0925 Move to 1st sample location #32-06340 & set up.
- 0930 Collect sample # 0132-96-0351 Loc #32-06340 Depth 0-6"
- 0940 Arrive at 32-06338 & set up.
- 0940 Collect sample # 0132-96-0352 Loc # 32-06338 Depth 0-6"
- 0955 Collect sample # 0132-96-0353 Location 32-06338 Depth 6-12"
- 1010 Move to 32-06326
- 1030 Arrive at location & set up.
- 1035 Collect sample # 0132-96-0354, Loc # 32-06326 Depth 0-6"
- 1050 Collect sample # 0132-96-0355 Loc # 32-06326 Depth 6-12"
- 1100 Collect sample # 0132-96-0356 Loc # 32-06337 Depth 0-5"
- 1110 Move to trailer & then to L.A. CANYON to finish sampling.
- 1210 Arrive in L.A. CANYON & move to SW location 32-06336.
- 1215 Arrive at location 32-06336 & set up.

~~4/1/96~~ SW

TA-32

FB # 286

Py 60

TA

4/1/96

FTL

S. Wimmer

4/1/96

1220 Collect sample # 0132-96-0357 Loc # 32-06336  
Depth 0-6"

1230 Done sampling 32-004 drainage prep  
samples to go to SMO.

16

17

1245 Go to R. Eatons to get CDC's for  
samples

~~12~~ 1310 LEAVE FOR SMO

1340 Relinquish custody of samples to  
SMO.

1350 Arrive back at office <sup>SW</sup>

1410 Go to chem van & rad van to pick up  
results.

1530 Move to site to do some assessment.

1600 SPEAK w Brian? of County Dept. about  
getting piles of stone moved.

1630 map locations for 003.

\* 32-06451 is 7'3" NE of 32-06448 & 18'2" NW of 32-06450.

\* 32-06452 is 6'2" NW of 32-06448 & 8' NE of 32-06449.

\* 32-06453 is 7' NW of 32-06449 & 16'4" NW of 32-06448.

\* 32-06454 is 7'3" SW of 32-06449 & 6'10" NW of 32-06442.

\* 32-06455 is 5'1" NE of 32-06452 & 8' NW of 32-06451.

\* 32-06456 is 5'3" NW of 32-06452 & 9'1" NE of 32-06453.

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266

Pg 61

S. Wimer

4/1/96

FTL

S. Wimer

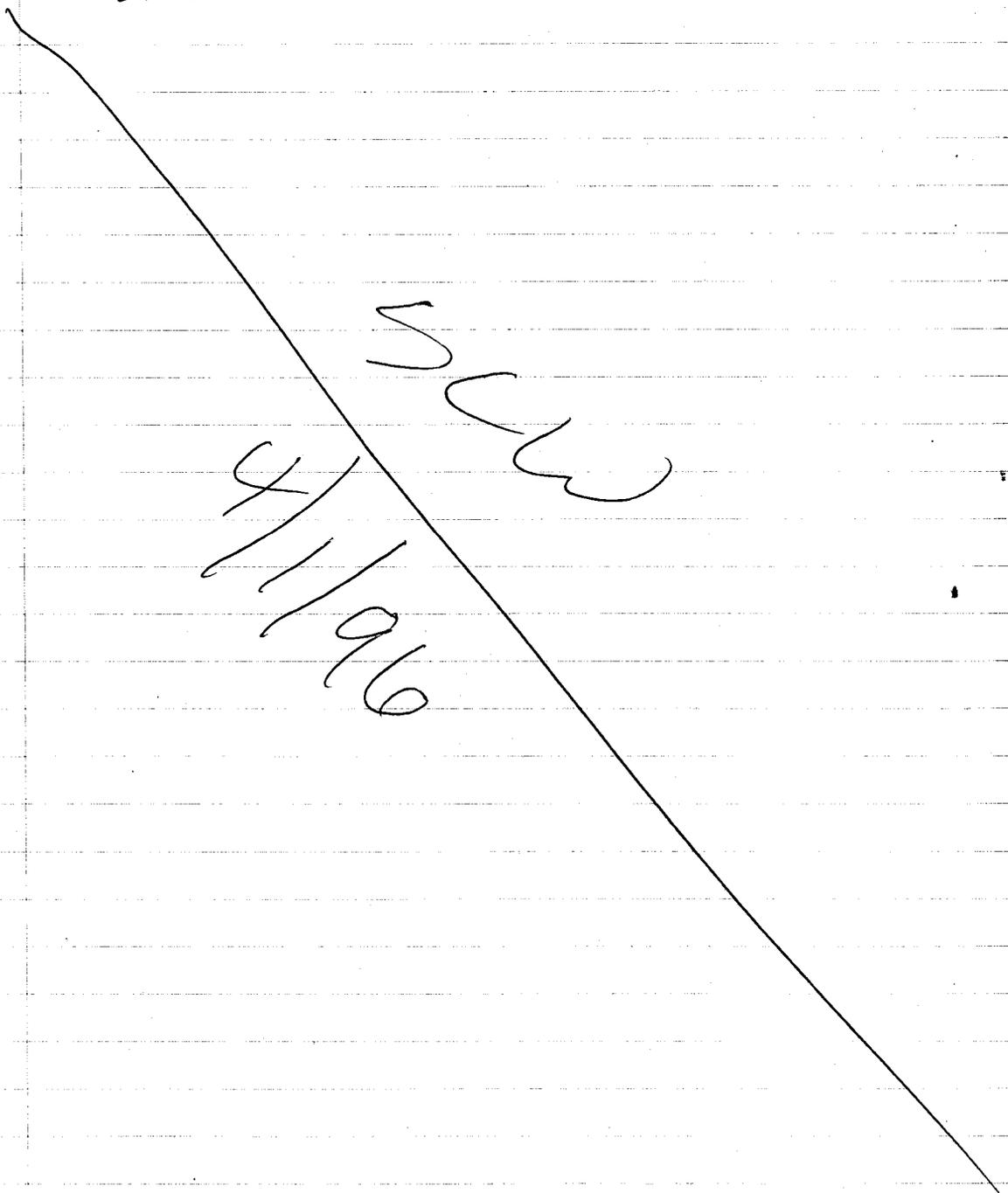
16336

\*

32-06457 is 5'8" NW of 32-06424  
7'5" SW of 32-06442.

1650 move from site to office

1700 end of DAY



7+  
+

2"

NE of

NW of

"NW

NW

"1"

4/2/96

FTL

S. Wimer

- 730 ARRIVE in OFFICE & DO PAPERWORK
- 830 TRY to CALL SG WESTERN SO THEY CAN COME OUT to SITE & LOOK & SEE WHAT NEEDS to BE DONE. CAN'T GET AN ANSWER.
- 900 CALL AGAIN get them. GET SECRETARY SHE WILL CONTACT SAM GARDNER.
- 940 I move to site.
- 1000 MEASURE site is it 45' X 30'
- 1005 SAM GARDNER CALLS & SAYS HE IS ON HIS WAY OUT to site.
- 1010 I CHECK ALL STORMWATER CONTROL MEASURES ALL ARE OK & FUNCTIONING PROPERLY.
- 1030 SAM GARDNER ARRIVES ON SITE I SHOW HIM WHAT NEEDS to BE DONE AT 32-003.
- 1100 HE LEAVES & Chem Waste guys ARRIVE ON SITE w/ John Kelly & D. KATZMAN to show them where WE WANT ROLL-OFF BINS.
- 1145 CONTACT BRIAN DANIELSON OF County DEPT. to get him to come to site & SEE what NEEDS to BE MOVED.
- 1200 BRIAN goes to get his SUPERVISOR & WE WILL FIGURE OUT when WE CAN get pile MOVED.
- 1205 BRIAN COMES BACK w/ JOE SUARZ & WE DETERMINE what WILL HAVE to BE DONE.

S. Wimer

4/2/96

FTL

S. Wimer

1208

The Indian School of Santa Fe arrives on site & D. Katzman talks to them about site history & what we are doing on site & what we hope to accomplish while we are here on site working.

1230

The Indian school kids leave site.

1240

move back to office

SLW

4/2/96

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us.

TA-32

FB#246

44

4/3/96

FTL

S. Wimer

0700

ARRIVE in office & prep PAPERWORK to go  
 → sample 32-002 drainage

0845

ARRIVE onsite & prep to sample

0905

ARRIVE AT new LOCATION & set up.

0915

Collect sample # 0132-96-0051 Loc# 32-06356  
 Depth 0-4"

0930

Collect sample # 0132-96-0052 Loc# 32-06357  
 Depth 0-4"

1005

Collect sample # 0132-96-0053 Loc# 32-06358  
 Depth 0-5"

1020

DONE sampling move BACK to  
 trailer.

1025

SURVEYORS ARRIVE onsite & I show them  
 points that need to be shot.

1045

SURVEYORS LEAVE site & I prep  
 samples to take over to chem & RAD VAN.

1120

Relinquish samples to chem VAN.

1125

Relinquish samples to RAD VAN.

1130

move to site.

1140

ARRIVE onsite & SBLWESTERN is dropping  
 off TRALHOE.

1200

Go to OFFICE

1215

Go to lunch.

1245

Drop samples off AT RAD VAN.

1315

move BACK to site.

1400

ARRIVE BACK onsite & prep stuff for  
 excavating PCB site tomorrow.

1600

LEAVE site FOR OFFICE

END OF DAY ~~4/3/96~~ SCW

S. Wimer

4/4/96

FTL

S. Wimer

ED

0700 Arrive in office & start preping for excavation work.

356

0730 Bill Gorman of SG Western arrives & starts going through necessary training to be able to work onsite.

357

0900 Bill leaves to get some extra items needed for work.

358

0920 mobs to site & start preping to excavate.

them

1015 Chempak arrives onsite to take away wood debris associated with 32-003.

van

1130 Start excavating PCB soils.

1210 Uncover 32-002(b) septic pipe that runs through 32-003 site so we know not to dig in that area.

ding

1230 Fill up 1st roll-off bin of soil.

1415 Fill up 2nd roll-off bin of soil/trees/tuff

1420 JCI arrives on-site & drops off fence panels for us to cover up excavation when we are done for day.

1510 Fill up bin #3 w/ soil.

1530 I collect samples for waste char. from Bin #1.

Bin #	Chem roll-off bin #	Bin #	Chem roll-off #
1	52214	5	52306
2	52248		
3	52174		
4	52234		

TA-32

RTS 246

64

TA

4/4/96

FTL

S. Wimer

4/5

Bin #1 contains the Northern section of the site including the hot spot area.

Bin #2 contains the central portion of the site.

Bin 3# contains soils from SE section of site

Bin 4# contains soils from SW section of the site.

1600 START closing up site for day. We cover up entire excavation w/ plastic. We also built a berm on the North side of the site to prevent any run-off.

1715 LEAVE site end of DAY

~~SW  
4/4/96~~

S. Wimer

4/5/96

PTL

S. Wimer

- N  
WA.  
The  
N of  
of  
ic.
- 0700 ARRIVE AT OFFICE & PREP FOR FIELD
- 730 KEVIN STILLMAN OF SOUTHWESTERN ARRIVES AT OFFICE & C. DAYMON GIVES HIM NECESSARY TRAINING TO WORK ON SITE.
- 840 MOVE TO FIELD.
- 850 ARRIVE ON SITE & PREP TO EXCAVATE MORE SOIL AT 32-003.
- 930 START UNCOVERING EXCAVATION.
- 1000 I CHECK ALL STORMWATER CONTROL MEASURES & ARE OK & FUNCTIONING PROPERLY.
- 1010 C. DAYMON GIVES TAILGATE SAFETY MEETING.
- 1015 START EXCAVATING.
- 1040 DURING EXCAVATION I STARTED NOTICING VEINS OF CLAY THROUGHOUT THE EXCAVATION. THESE VEINS HAD A NW<sup>S</sup> ORIENTATION. THEY RANGED IN WIDTH FROM 6" TO 18". THE CLAY HAD SMEARED THE TUFF WALL AS IF IT HAD BEEN TRANSPORTED. ALSO THE CONTACT BETWEEN THE TUFF AND CLAY WAS VERY ABRUPT.
- 1120 FILL UP BIN #4 & START ON #5. THE SOILS FROM EXCAVATING TODAY WILL BE FROM ALL OVER SITE WE ARE SCRAPING THE LAST 6" OF SOIL & TUFF FROM SITE.
- 1230 DONE EXCAVATING SOIL. START TO COVER UP EXCAVATION. \* NOTE #5 BIN IS 60% FULL.
- 1250 D. KATZMAN ARRIVES ON SITE TO LOOK AT AREA.



S. Wimer

4/8/96

FTL

S. Wimer

0700 Arrive in office → do PAPERWORK → prep to do CONFIRMATORY SAMPLING AT 32003.

0800 move to site + prep to start sampling 32-003.

0820 I check all stormwater controls → they are OK + functioning properly.

0830 start uncovering excavation.

0900 K. Hyde ARRIVES onsite to swipe +ral-hoe for FRES release to public.

0935 K. Hyde ~~ARRIVES~~<sup>SW</sup> leaves site + SAYS that the traction is OK to be released.

0940 start setting up sampling grid.

1130 Prep AREA + begin sampling. We will be collecting samples for confirming that we have taken enough soil off AREA to be clean of PCB's. There will be two teams collecting samples. We are collecting a total of 41 samples. + 1 Duplicate. NOT ALL samples will be submitted for lab analysis.

<sup>sw</sup> 01215 Collect sample 0132-96-0403 Loc# 32-06447  
Depth 0-4" collect a duplicate of 0403 also it is 0132-96-0431.

1231 Collect sample # 0132-96-0401 Loc# 32-06495  
Depth 0-4"

1240 Collect sample # 0132-96-0404 Loc# 32-06498  
Depth 0-4"

1301 Collect sample # 0132-96-0402 Loc# 32-06496 Depth 0-4"

A-37

FB 286

70

4/8/96

FTZ

SWIMER

1315 Done sampling clean up + prep samples to take to SMO.

1330 Arrive at R. Eaton's to get paperwork.

1340 Mobile to SMO.

1345 Relinquish custody of samples to SMO.

1400 Mobile back to site & clean up site

1430 Cover up excavation

1600 Back at office end of day

~~4/8/96  
SCW~~

- S. Wimer  
S
- 4/15/96 FTL S. Wimer
- 0700 Arrive in office & try to contact R Eaton about sample paperwork that is needed for today she is not in.
- K
- 0840 Arrive on site & prep to sample
- S
- 32-002(A) footprint
- 0900 Check all stormwater controls
- site
- & all are OK & functioning properly.
- 0930 Enter EZ to sample.
- Y
- 0950 Collect sample # 0132-96-0551 Loc # 32-06359  
This sample is ~ 18" NE of Loc # 32-06342  
We took top 2" of soil from this Loc. because it was young wash material.  
Depth 2-8". Encountered tuff at 3". Description: Ground up tuff dry.  
Bg = 341 cpm 1min sealed count.  $\sigma$  = 1 cpm.
- 1010 Collect sample # 0132-96-0552 Loc # 32-06360  
This sample is ~ 3' NW of Loc 32-06342  
We used field screening to locate this sample point. We also removed top 2" of soil from this location because it is young material. Depth is 2-8".  
Description: Ground up tuff w/ silt.  
Bg = 295 cpm 1min sealed count.  $\sigma$  = 0 cpm.
- 1025 D. Katzman + B. Martin arrive on site & we discuss sampling locations.
- 1045 Collect sample # 0132-96-0553 Loc 32-06361  
This sample is located ~ 2' SW of Loc # 32-06344.  
Depth 2-8" Desc: Ground up tuff w/ silt.

TA-32

FB 2462

32

4/15/90

FTL

S. Wimer

BY = 301 cpm / min scaled count.  $\sigma = 1$  cpm  
Also removed to 2" from surface.

1100 Collect sample # 6132-96-0554 Loc # 32-06362  
Depth 2-8". Description: Ground up tuff  
w/ silt. BY = 320 cpm / min scaled count.  $\sigma = 10$  cpm.  
Sample location is ~ 2' SE of loc # 32-06344.

1130 Collect sample # 6132-96-0555 Loc # 32-06342  
For VOC's only for waste char.  
Depth 0-18" Description: Ground up tuff w/ silt / clay

BY = 287 cpm / min scaled count.  $\sigma = 0$  cpm.  
1145 Collect sample # 6132-96-0556 Loc # 32-06344  
For VOC's only. Depth 0-12"

Description: Ground up tuff / silt w some MAT.  
BY = 301 cpm / min scaled count.  $\sigma = 1$  cpm.

1215 Prep samples for SMO.

1230 Get PAPER WORK from R. Eaton.  
Go to SMO.

1300 Need different disk for SMO

1500 BACK AT SMO w/ right PAPER WORK

1540 Finally LEAVE SMO for Chem & Rad  
VANS

1600 Drop off samples & return to  
office.

1630 finish PAPER WORK end of DAY

SLW  
4/15/90

S. Wimer

4/17/96

FTL

S. Wimer

0200 Arrive at office & start getting results together to excavate PCB AREA.

0830 Get chem van results

900 JLI shows up onsite to put in gate on county fence.

1000 Move back to site to prep for excavation.

1035 Start excavating NW quadrant of PCB site where our results were high.

1040 We encounter septic pipe from 32-012(D) we leave pipe exposed so we will not break it. The soil from excavation is going into bin #5.

1115 #5 roll off bin is full I call J. Kelly to see if we can put soil in a B-25. He will call me back.

1125 John Kelly says it is OK to use B-25's for PCB soil.

1130 Marty Peifer arrives on-site to swipe out trac. hoe we will use backhoe.

1150 Marty releases trac hoe to public.

1220 Go to lunch.

1250 Back from lunch have to do startup heavy equipment checklist.

1300 Enter EZ & prep to dig.

1310 Start excavating & putting soil into Bin #6 which is a B-25 bin.

16362  
-F  
pm.  
2-02344.  
6342

Thursday  
am.  
44

EL DAY.  
7.

PK

4

TA 32

FB 286

74

4/17/96

JTL

S. Limer

- 1400 We fill 1st B-25 SCL can't bring us another one today so I get 2nd car.
- 1430 Arrive back on site w/ B-25.
- 1500 Have to excavate by hand around pipe.
- 1620 Fill up 2nd B-25. All material today came from NW quadrant of site.
- 1700 Cover up site for day & I check all stormwater controls & all are OK.
- 1770 Move back to office.
- 1730 End of Day

JTL  
 4/17/96

Wimmer

4/18/96

FTZ

S. Wimmer

- 0730 Arrive in office + try to find people to help sample.
- 0830 Have 4 people + move to site.
- 0835 Arrive onsite + prep to sample.
- 0840 Check all stormwater controls All are OK.
- 0850 Uncover excavation + start setting up grid for sampling.
- 0935 Done setting up grid start sampling.
- 1140 Done sampling move to SMO.
- 1200 Leave SMO for chem van
- 1210 Relinquish samples to chem van.
- 1230 Back at office / go to lunch.
- 1300 Back from lunch.
- 1400 Meet w/ D. Katzman.
- 1530 Take more samples to SMO. For delivery + relinquish custody of offsite PCB confirmatory samples.
- 1600 Get supplies for excavating drainline at 37-004.
- 1700 End of Day

~~4/18/96 S. Wimmer~~

4/14/96

FTL

S. L. James

- 0700 Arrive in office & prep to start excavating 32-004 drainline.
- 0730 Move to site & prep to excavate
- 0830 Move to 32-004
- 0840 Start excavating.
- 0900 I check all stormwater control measures. All are OK.
- 0915 We locate pipe it got <sup>up</sup> broken by the backhoe.
- 1045 have uncovered approx 35' of pipe. C. Datman starts to uncover uncovered pipe for Rad + Voc's
- 1145 uncover pipe that came out of building. It was a metal pipe and was at a 90° angle. We have uncovered a total of 41' of pipe. C. Datman has surveyed the total length of the pipe & says he got no readings above background.
- 1200 CAROL ALLEN & BEVERLY MARTIN ARRIVE onsite. I show & tell them what we have been doing this week.
- 1225 Collect sample # 0137-96-0621 Loc # 32-06363  
Depth 0-6" from bottom of excavation.  
TD of excavation is 3'. Sample was collected 15' south of ~~trench~~ <sup>SW</sup> <sup>former</sup> building.
- 1240 Collect sample # 0137-96-0622 Loc # 32-06364  
Depth 0-6" from trench bottom. Trench is 2.5' deep in this location.

76

TA-37

FB 286

77

S. Wimer

4/19/96

F72

S. Wimer

1300 Move to TA-35 to pick up disk to send samples off-site.

1330 Relinquish custody of samples to SMO.

1400 Arrive back on site & start cleaning pipe. None of the pipe has any sediment inside of it. We are just removing the soil on the outside of the pipe. We are using a dry clean procedure.

1500 Done w/ clean of pipe start filling in excavation & C. DAYMON is taking rad swipes from each section of the 15 sections of pipe & the metal disc of pipe that came from the former building.

1630 Done covering up excavation unload all of supplies in trailer

1700 end of day

S LW

4/19/96

D-06363

W.

S

06364

nch

TA-32

FTB # 266

76

4/22/46

FTL

S. Wimer

0700

Arrive in office + meet w/ D. Katzman

0815

Move to site.

0845

I check all stormwater controls all are OK + functioning properly.

0930

Enter EZ + start excavating

0950

We uncover a section of metal pipe that we are not sure if it is associated with 32-0026) or not.

1100

Move to new location + try to follow pipe back to former building where we tried to find pipe earlier.

1130

We locate pipe. We will have to remove more fence to get area access.

1240

We have uncovered approx 15' of pipe.

1300

Go to lunch

1330

Back from lunch start excavating.

1420

D. Blegen + K. Hyde arrive on-site to do some observing.

1445

They leave site.

1515

We find metal section that came from building. The length we have excavated today is 29'. The length of the sections of pipe is 2.5'.

1530

Pull pipe + collect sample # 0132-96-0611. There was no indication that the pipe had been broken. We collected

74

TA-37

FB# 286

79

S. Wimer  
ZMAN

4/22/96

FTL

S. Wimer

A sample ~ 12.5' south of where  
the metal pipe intersected the clay  
pipe.

1600 We notice visible mercury in the  
pipe while decomposing it. We see  
a few beads the size of BB's. The  
soils from decomposing are placed in  
a drum liner and into a B-25 box.

1640 Start cleaning up site.

1700 Leave site for day

~~SW  
4/22/96~~

Σ  
7h  
1/11  
t-3d

TA-37

RT37-246

SD

TA

4/23/96

FTL

S. Wimmer

4/23

0700

Arrive in office do paperwork.

134

0720

Move to site.

0725

Arrive on site &amp; prep to excavate more pipe at 32-002(b).

0730

CHECK ALL stormwater controls &amp; all are OK &amp; functioning properly.

0800

START setting up decon AREA &amp; excavating.

140

0830

Find pipe.

16

0900

Loose pipe in location where it was sampled during characterization.

17

0910

Find pipe AGAIN AND excavate.

1050

Uncover approx 17' of pipe &amp; start to pull because of close proximity of site.

1100

Chem Waste arrives on site &amp; starts moving PCB soil containers off site.

1115

Collect sample # 0137-96-0612 LOC # 32-06306

This sample was collected from 0-3" from bottom of trench. The section we uncovered this morning had a break in it this is where we collected our confirmatory sample.

1120

START decontaminating pipe that has been excavated.

1140

START excavating more pipe.

1230

Chem Waste guys are off site

1245

We go to lunch.

1315

Arrive back from lunch. Team starts excavating &amp; I run samples to SMO

1335

Relinquish samples to SMO.

80

TA-32

FB 286

81

S. Wimer

4/23/96

FTL

S. Wimer

1345

ARRIVE BACK ON SITE. WE HAVE UNCOVERED ~ 12' & WE ARE TO CLOSE TO PCB SITE TO CONTINUE. WE WILL PULL THIS PIPE. TOTAL LENGTH FOR 2 DAYS IS 58'.

1400

START TO CLEAN UP & COVER UP EXCAVATION.

1630

DONE CLEANING UP.

1700

LEAVE SITE FOR DAT

AS

to site. rts

37-06366 Form uncovered where d/e. covered.

parts

4/23/96

SLW

TA-30

FB 286

82

4/24/96

FTL

S. Wimmer

4/1

0700 ARRIVE IN OFFICE

0720 LEAVE FOR SITE

0730 ARRIVE ON SITE &amp; START SETTING UP TO EXCAVATE PIPE AT 32-002A.

0830 START EXCAVATING — JHL 6/18/96

0840 WE FIND <sup>IRON</sup> PIPE & START EXCAVATING NORTH TOWARD FORMER BUILDING.

0930 WE DECIDE TO STOP DIGGING NORTH &amp; GO IN OPPOSITE DIRECTION.

1100 WE HAVE EXCAVATED ~ 25' OF THE TARPAPER PIPE. C. DAYMAN HAS BEEN SCREENING INSIDE OF TARPAPER PIPE &amp; HIS MAX READINGS WERE 460 cpm B &amp; 140 cpm α.

1130 WE START PULLING UP BOTH TYPES OF PIPE.

1230 START DECONING PIPE.

1335 I HAVE TO GO &amp; GET A B-25 (DURIA) BOX TO PUT PIPE IN. JLI HAS NOT DELIVERED IT YET.

1430 I RETURN TO SITE W/ BOX &amp; WE PLACE DRAIN LINE IN IT.

1425 COLLECT SAMPLE # 0132-9L-~~0662~~<sup>0610</sup> LOC 32-06367  
DEPTH 0-2" FROM BOTTOM OF TRENCH.  
TRENCH IS 4' DEEP.1435 COLLECT SAMPLE # 0132-9L-OLDI LOC # 32-06368  
DEPTH 0-2" FROM BOTTOM OF TRENCH  
TRENCH IS 4.5' DEEP

S. Wimmer

4/24/90

FTL

S. Wimmer

1445

COLLECT SAMPLE # 0132-96-0602 LOC # 32-02369  
Depth 0-2" from bottom of trench

Trench is 4.5' deep

1450

START FILLING IN TRENCH.

1530

COLLECT SAMPLE # 0132-96-0603 NO LOC  
ID WASTE SAMPLE OF TAN PAPER  
PIPE FROM 32-002(A)

1600

TOTAL PIPE EXCAVATED FOR TODAY  
IS 65'.

1620

OFF SITE BACK TO OFFICE

SLW

4/24/90

06367

6368

TA-32

513#266

94

4/25/96

FPL

S. WIMEN

0700

ARRIVE IN OFFICE

0720

MOVE TO SITE.

0740

GET TAILGATE SAFETY MEETING.

0800

I CHECK ALL STORMWATER CONTROL MEASURES ALL ARE OK.

0810

MOVE SAMPLES COLLECTED YESTERDAY TO SMO

850

RELINQUISH CUSTODY TO SMO

900

MOVE TO GET SUPPLIES FOR DELON.

920

ARRIVE BACK ON SITE TEAM HAS EXCAVATED ~ 15' OF PIPE.

1000

EXCAVATED 10' MORE.

1115

COLLECT SAMPLE # 0132-96-0604 LOC # 32-06370  
DEPTH 5" SW 0-3" FROM TRENCH BOTTOM  
TRENCH 5' DEEP.

1125

COLLECT SAMPLE # 0132-96-0605 LOC # 32-06370  
DUPLICATE OF SAMPLE 0132-96-0604.

1130

START EXCAVATING MORE PIPE.

1230

EXCAVATED ANOTHER 25' OF PIPE & REMOVE IT FOR DELONING.

1245

GO TO LUNCH.

1315

RETURN FROM LUNCH.

1335

COLLECT SAMPLE # 0132-96-0606 LOC # 32-06371  
DEPTH 0-3" TRENCH DEPTH 5'.

1350

START COVERING UP TRENCH.

1400

TOTAL LENGTH OF PIPE EXCAVATED & REMOVED TODAY IS 50'

1410

MOVE SAMPLES COLLECTED TODAY TO SMO.

84

TA-37

FB 286

85

S. Wimer

4/25/96

FTL

S. Wimer

1445 Get to R. EATONS OFFICE & GET  
SAMPLE PAPERWORK.

1530 Move to SMO.

1545 Relinquish CUSTODY OF  
SAMPLES to SMO.

1600 Move to OFFICE.

1630 END OF DAY

# 37-06370

-06370

~~S. Wimer  
4/25/96~~

8371

ENCLOSURE

TA-32

FB 246

gle

4/24/96

FTL

S. Wimer

700

ARRIVE IN OFFICE &amp; PREP FOR DAY.

725

MOVE TO SITE

730

ARRIVE ONSITE & SET UP TO EXCAVATE  
MORE PIPE AT 32-002(A).

745

I CHECK ALL STORM WATER CONTROL MEASURES  
ALL ARE OK & FUNCTIONING PROPERLY.

950

START EXCAVATING.

755

FIND PIPE &amp; DIG NORTH.

830

WE FIND AT IN THE PIPE & ALSO  
THE PIPE GOES FARTHER THAN THE  
GEOFEX STAFF SAID IT DID. WE ARE  
JUST GOING TO BREAK LINE & PULL OUT  
20' SECTION & GROUT UP WHERE WE  
BREAK IT. WE ARE GETTING TO CLOSE  
TO UTILITIES TO CONTINUE.

955

DONE CLEARING OFF MATERIAL FROM  
PIPE & PULL APPROX. 22' OF METAL  
PIPE

1000

COLLECT SAMPLE # 0132-96-0607 LOC# 32-06372  
DEPTH 0-3" TRENCH DEPTH 3'.

1005

COLLECT SAMPLE # 0132-96-0631 LOC# 32-06373  
THIS SAMPLE WAS COLLECTED FROM INSIDE  
PIPE ~ 23' N OF LOC# 32-06367

1015

START COVERING UP TRENCH

1035

TRENCH COVERED MOVE TO SOUTH END  
& START EXCAVATING & LOCATE PIPE.

1210

COLLECT SAMPLE # 0132-96-0608 LOC# 32-06374  
DEPTH 0-3" TRENCH ~ 2' DEEP.

gle

TA-32

FB 246

47

S. Wimer

4/24/96

FTL

S. Wimer

1230

START COVERING UP EXCAVATION

1340

DONE COVERING (filling in) EXCAVATION

CLEAN UP SITE FOR WEEKEND.

1400

MOBE TO SMO TO DROP OFF SAMPLES.

1410

RELINQUISH CUSTODY TO SMO  
MOBE TO OFFICE

1430

END OF DAY. TOTAL PIPE FOR TODAY IS 32'.

~~S. Wimer  
4/24/96~~

measures

at  
we  
sc

32-06372

32-06373

end  
pipe.  
32-06374

4/29/96

FTL

S. Wimsel

0700 Arrive in office

0725 Move to site & prep to excavate pipe at 32-002(b).

0730 Arrive on site

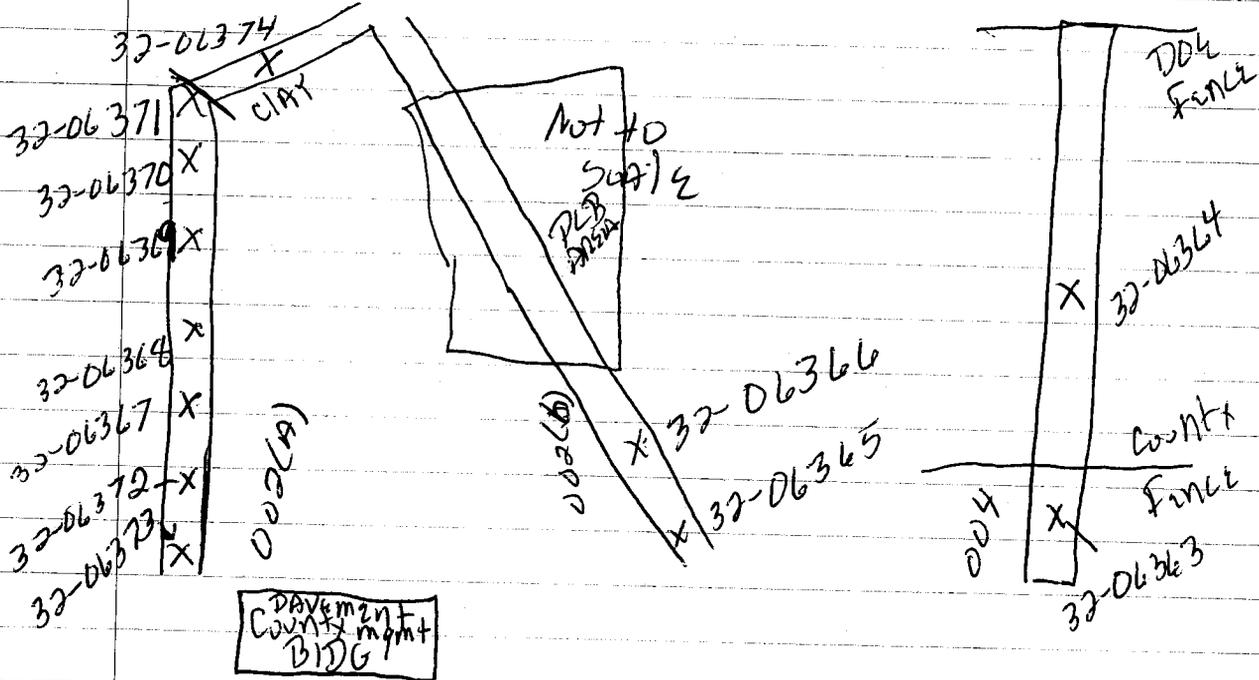
0745 Call SG Western to see where backhoe & operator are. Operator was fighting the fire in the James til late last night he will be here in a half hour.

0845 SG Western still has not shown up w/ backhoe yet.

0900 We start setting up as if they were here so we can get started when they do.

0930 Get in touch w/ SG Western & they will be out in about 1 hr.

0945 Draw maps of drain lines.



44

TA-32

FTB 286

89

S. Wimer

4/29/96

FTL

S. Wimer

1000

SAM GARDNER SG WESTERN ARRIVES  
ONSITE. WE DISCUSS SITUATION & CALL  
IT A DAY ALL OF HIS PEOPLE ARE  
FIGHTING FIRE IN JEMEZ.

1050

LEAVE SITE FOR DAY

DE  
THE  
L

THEY

~~4/29/96  
S W~~

DD4  
Fence

32-0364

Count  
Fence

06363

TA-32

FB286

90

4/30/96

FTL

J. Sando

0615

Arrive in office

0715

Mob to site begin preparation for SAMPLING of PCB site 32-003.

0730

S.G. WESTERN (BILL GORMAN) arrives on site with backhoe.

0742

Jeff Finn arrives on site.

0745

Clid Wayman begins tailgate safety meeting and pre-operations inspections.

0750

End Tailgate Safety meeting. Denny arrives.

0752

Document Sample locations of verification sample points at 32-002(a) so end of pipes can be located by Geophysics.

0800

SAMPLE LOCATION 32-06373 WAS MARKED 5' East of actual location.

Sample location 32-06372 was marked 5' East of actual location.

Sample location 32-06367 was marked 7' East of actual location.

0815

Denny leaves to get coolers and ice for sample preservation. Bill starts Excavation at 32-002(a) drainline for the purpose of Geophysics.

0830

Enter X2 and begin uncovering site in preparation of sampling.

1222

Finish sampling try to contact Rebecca Epton. Rest of crew breaks for lunch

JFS

QC

TA-32

FB 286

91

J. Saito

4/30/96

FTL

JSAVO

1:00 Receive results of Geophysics on 32-002 (a) Drainline. BRANCH PIPE extends 40' to the west. Prepare paperwork to sample mouth of pipe.

1:07 Leave site for TA-35, SMO, and Chemman to deliver samples.

2:00 arrive at SMO with COCs and EFs. EF No good waiting for Rebecca Eaton to Return w/ new EF.

2:31 Clint calls saying he had the west <sup>END OF</sup> drainline uncovered and requested a verification sample at a supposed breach. I told him the bottles to fill.

2:45 Deliver bottles to Chemman

15:00 Arrive Back on site. Fillout paperwork for sample documentation.

15:30 SG WESTERN END of day

16:00 END OF Day.

4/30/96

*[Signature]*

TA-31

FB 286

47

Sny  
4/30/96

5/1/96

F+L

JSANTO

- 0600 Arrive at office and create LOC and FF for verification sample collected at 32-06375 (breach near end of 32-002(a) drainline).
- 0700 Arrive on-site. Bill from 56 WESTERN already waiting. Clint Daymon arrives on-site and performs tailgate safety meeting.
- 0731 Leave site to deliver verification sample to SMO.
- 0800 Return site. Located end of west drainline and began excavation.
- 0915 Hit water line, ~~we~~ immediately alerted county, and then binned water around PCB site into natural storm water runoff channel.
- 0930 County arrives and is attempting to shut-off the water line for repairs. They seem to be having trouble locate the shut-off.
- 0935 JCI arrives with a 6-25 bin.
- 0953 Excavation was begun 25 ft E from where utilities were located. PIPE was hit 44 E of utilities were marked.
- 10:00 Water utility shut-off has still not been found.
- 10:05 Switek arrives w/ Jeff Watterschied to survey previous sampling locations.

JSANTO

5/1/96

FTL

JSANTO

ple  
ar

10:10 Danny Katymen FTL arrives on-site and goes to talk to Brian Donelson in the County blob adjacent to excavation.

WESTERN

10:15 Marty Pfeiffer and Joe Touch and Timothy Nguyen arrive on-site to view the damage.

tailgate

12:25 County has still not located the shut-off. They have brought a 16 HP PUMP to PUMP OUT THE HOLE AND COMPLETE A "LIVE FIX".

tion

12:36 County found shut-off. We are now excavating around the broken utility in order to place a patch over the broken line.

f

1:48 Pipe is fixed and is in the process of a pressure test. Mike Alexander gave Danny a non-stormwater discharge form to fill out.

-

14:00 County is pumping out hole and we have moved to begin excavating drainline across PCB site.

f

15:22 Drainline uncovered from concrete wall across PCB site. For confirmation samples taken at 25' intervals from last sample at this drain line.

om  
ad

16:00 Leave site. Clint oversees the covering of the waterline and excavation at 32-002(a). end of day.

v

al  
ions

4/1/96

5/2/96

FTL

JSANTO

06:30

Arrive at office to complete paperwork and prepare for field.

07:38

Arrive on-site. Tailgate Safety meeting, general discussion of activities, excavation and decontamination begun at 8:22.

09:10

Leave site to deliver samples to SMO and to get drinking water and beer for crew.

11:49

Finished excavation of 32-002(b) drainline. Backhoe moved to 32-002(a) west drainline to begin excavation.

~~12:00~~

Confirmation sample collected location 32-06379.

15:45

Finished excavating west drainline at 32-002(a); Collect confirmation sample at 25' from end of pipe.

16:00

Begin putting <sup>SD</sup> becoming drainline and putting in bins.

17:00

End of day

~~JSANTO 5/2/96~~

94

TA-32

FB 286

95

TSANTO

5/3/96

FTL

TSANTO

07:00

Arrive in office Review paperwork.

09:00

meeting w/ field team and B. Martin

10:00

Run Confirmation samples collected  
5/2/96 to SMO

11:00

Turn over field files to Darryl  
Watson.

ed

indio  
ation  
d

blue

FLORIE CAPORUSCIO  
248-1191 in A10

TODD PCB 03

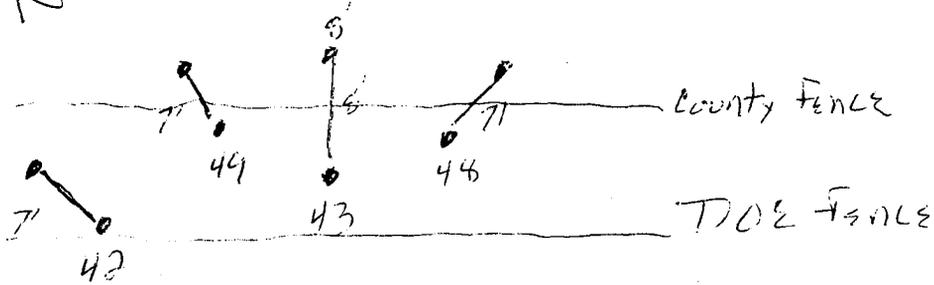
LOCATION 32-06444 ~~get 15" 20" all Tuff~~  
6' outside 44 & 35 ~~44 New location 0-10" 10-15'~~  
35

Just south of fence (county) in between  
43 & 44 6-10" 10-15" SAND.

In between 42 & 43 just south of fence

7-1293

~~32-06444 & 06444~~ 2 new locations.  
06450



51, 52, 53, 54, 55, 56, 57

0-15"

18 FT Bldg to County fence  
23 " County to DOE "

0199

000