

Provan
PROVA002
BOOK 3

Newburgh NY

Forestry Suppliers, Inc.

1-800-647-5368

#49352 Field Book

11/4/10 Rain/cloudy High 50's

GBT on site @ 0645
Ray (operator) already
on site

- RCT on site @ 0705
- Aaron (supervisor) - OPTech
on site @ 0720

objective - Excavation
oversight

0730 - P10 mini RAE, calibrated
with 100 Isobutane gas.

Mini RAE # 10493 calibrated
at 162 ppm

Mini RAE # 11773 calibrated
at 109 ppm

Mini RAE # 4685 calibrated
at 4685

0850 Charles & Tom (Stantech) surveyors
on site for Extra Contours.

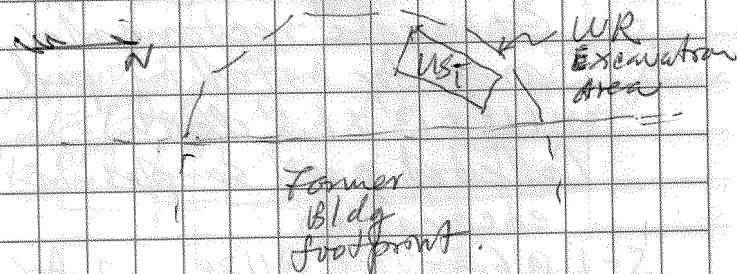
0840 Set pdr parameters
0920 MGB onsite
0930 Dave (NYSDEC) onsite.
0940 Charles & Tom completed
survey; off site.

0945 GBT off site
"dep-tech personnel
uncovered the
remaining UST in WR

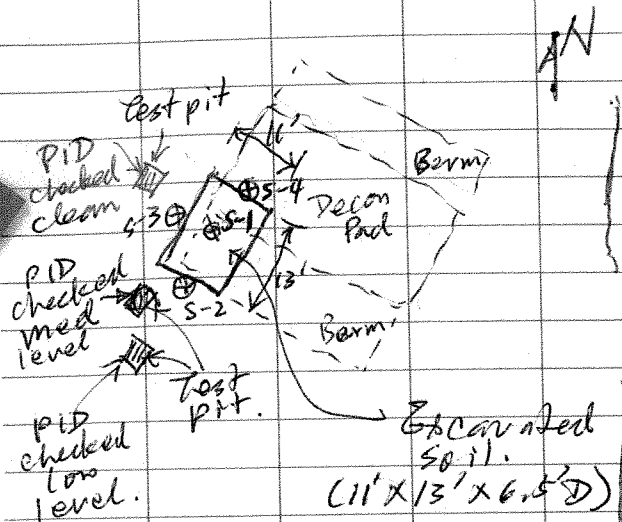
1000 Bill Bennett (NYSDEC) and
Dave onsite

1005 UST removed from underground.
Location of UST is consistent
with shown in figures in
report documents

1020 Dave (NYSDEC) off site



1030 2nd Franc Pumps delivered
onsite for water treatment.



1050 Dig test pits to delineate decon pad area surfaced staining and odor (western) (corner of pad)

1105 Screen soil in corner area of decon pad (8-67 ppm PID) Excavate rectangular area for installing pad (11' x 13' x 6.5' depth).

Collected soil samples in excavation.

S-1 @ 6.5'-7.0' bgs @ 1120 } for
 S-2 @ 4.5'-5.0' bgs @ 1130 } VOC
 S-3 @ 4.5'-5.0' bgs @ 1125 } SVOC
 S-4 @ 4.5'-5.0' bgs @ 1135 }

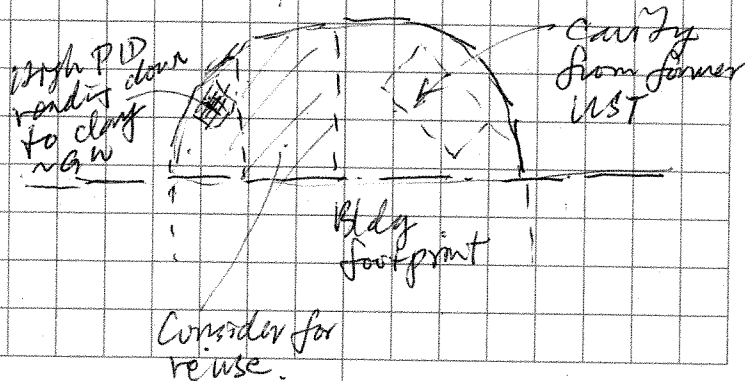
1230 Bill (NYSDEC) off site.
 7: Op-tech confirmed removing to 0-3' soil in WR area (outside bldg footprint) to expose potential areas of clean soil for reuse.

1300 MGB off site.

1320 Op-tech back fill excavation with coarse sand

1510- WR area west of bldg. exposed to 3'-4' bgs. Perform screening using PID for potential sub-areas suitable for reuse.

1610 Delineate approximate area consider for reuse.



1615 Op-tech prepares for end
of day.

RET Start remaining comp
stations (unit 1 down
wind; unit 2 up wind)

1700 RET off site

11/9/10 Overcast, mid 50s
Soil excavation in WR area.

0650 REL onsite

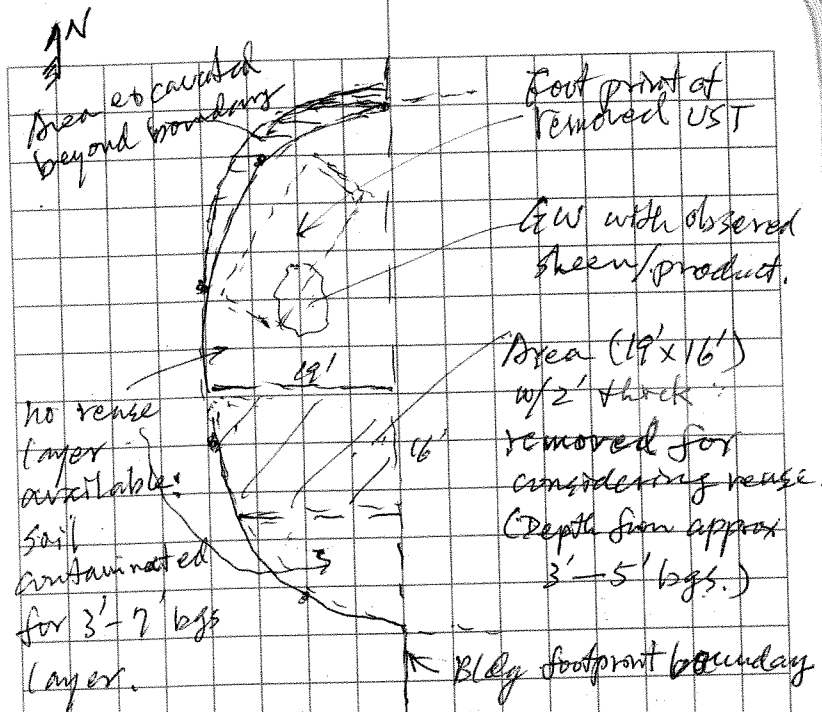
Aptech - Aaron and Ray onsite

0705 REL prepare set up APMs
Aptech started soil excavation
in northern portion of WR
area outside the building
footprint.

0900 Dave Crosby (NYSDEC) onsite
Observed stained soil on
soils around former UST

0945-1045 REL communicate w/ office
for sidewalk stability
strategy and sampling
requirements.

Aptech continued excavation
in northern section of WR
location. Sidewalls slope
into excavation. Observed
ground water at ~13 ft bgs.
Henry Sheen observed on surface
of water. Appeared to be
product ~~coming~~ seeping out from
under soil near the middle
portion of the WR area



1100 Dave (NYSDEC) off site.

1120 Identified layer of soil to
be considered for reuse.
in the middle/southern portion
of WR work area.

Approximate dimension: 19' x 16' x 2' thick
stockpile in clean cell.

1130-1230 Aptech lunch break.

1240 started excavation in southern
and middle sections of
WR work area and create

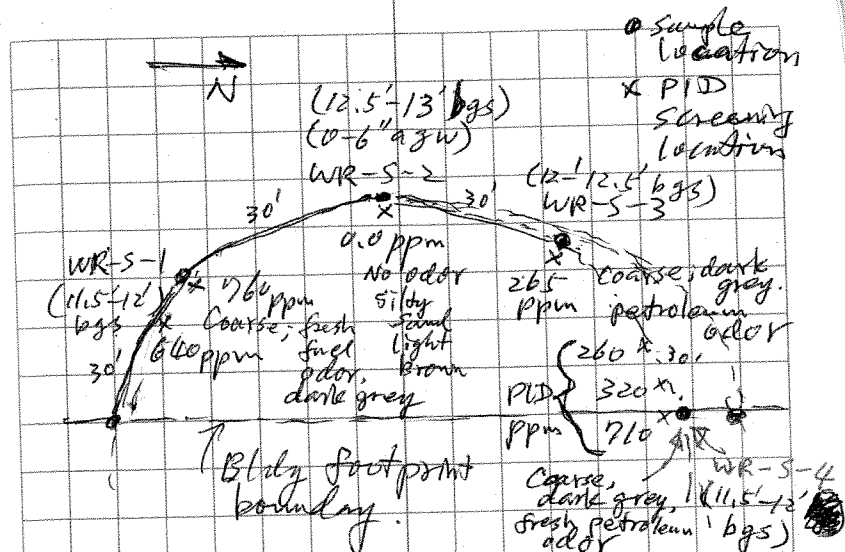
vertical (near) sidewall along
the curved boundary.

1320 Mark off potential sidewall
post excavation sampling
locations and screening
locations along west boundary
of excavated area.

1430 Work on vertical side wall
near middle section of
excavation.

1530 Completed sidewall along
west boundary.
Begin sidewall screening
and select sidewall
post excavation sample
locations, based on visual
observation of staining and
PID readings.

Collected soil samples from:
WR-S-2 @ 1540 for VOC & SVOC
WR-S-1 @ 1550 for VOC & SVOC
WR-S-3 @ 1625 for VOC & SVOC
WR-S-4 @ 1635 for VOC & SVOC



1600 Aptech cover soil pile

1730 Aptech personnel off site
RET shut down camp

1820 RET off site

11/16/10 Overcast/rain High 50's

0630 RCT onsite

Less (Optech) onsite

RCT set up camp

0710 Barron onsite

0750 Started loading trucks (4) for soil disposal, using soil piled on bldg footprint area.

Rich from Constantine (trucking) onsite supervising trucks

0756 4 loads soil off site.

Optech worked on installing larger sump in western portion of WR area (outside bldg footprint) near south end.

0810 Steve ~~from~~ (Optech) onsite working on installation of larger sump in excavation.

0845 MSR onsite

0915 Dave (WISDZ) onsite

Set up dewatering

Assembling water treatment system.

1113 Start loading soil in returned

trucks.

1115 Dave (MSDC) off site.

1257 Additional 9 loads of soil
trucked off site.

1300 Set up berm in middle
of excavation to isolate
water for effective pumping.

1330 Collect WR-B-1 (18.0'-18.5')
for VOC and SVOC (Bottom

1400 Collect WR-S-5 (16.5'-17.0')
sidewall for VOC & SVOC

Dewatering pump turned off.

1425 Optech gathering components
and needs for water treatment
system.

1445 MSDC off site

Optech manage soil pile
within and outside
excavation.

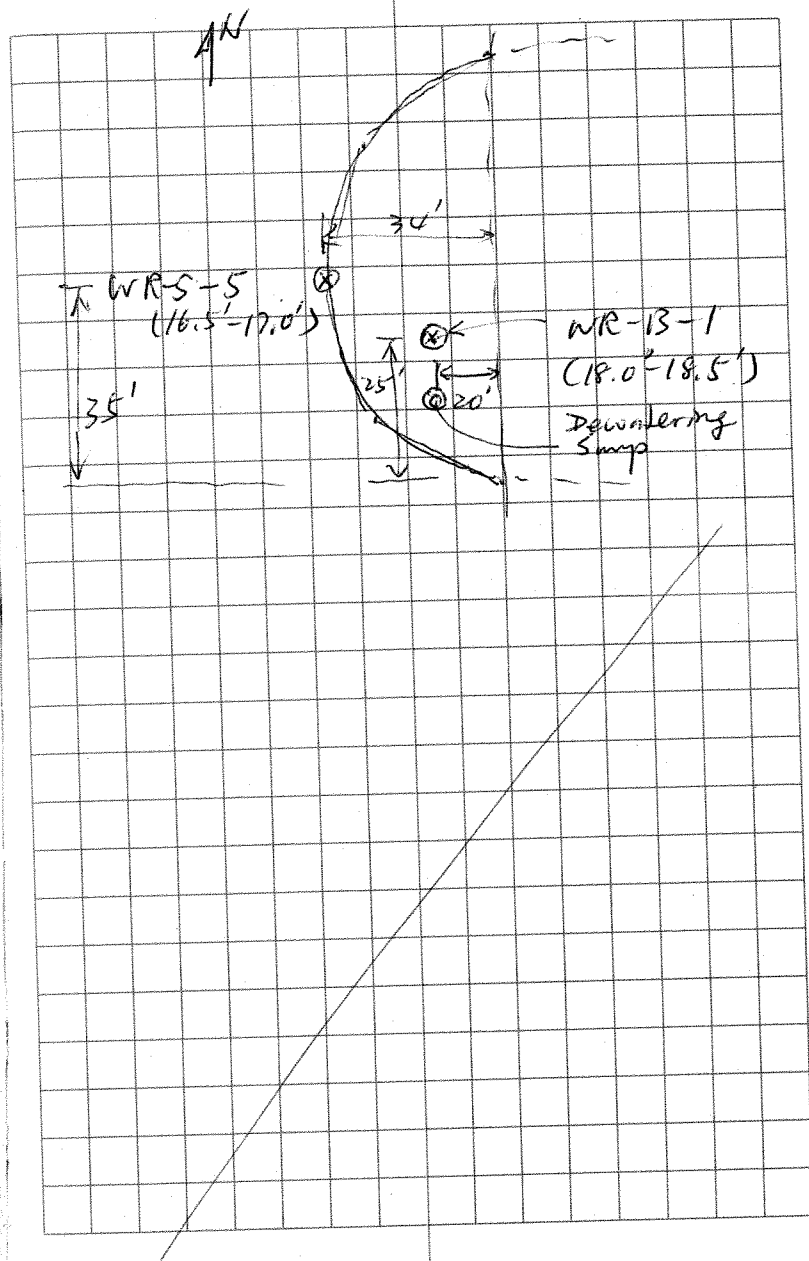
1540 Optech cover piles

1600 Optech wrap up for the
day.

RET stopped CAMP

1620 Optech off site

1640 RET off site.



11/17/10 mostly sunny, Low 60s, Windy
0645 RCT onsite

Set up camp

Les (Optech) onsite

Rock from Frac/Constantine
onsite.

0655 Aaron (Optech) onsite

0700 Steve (Optech) onsite

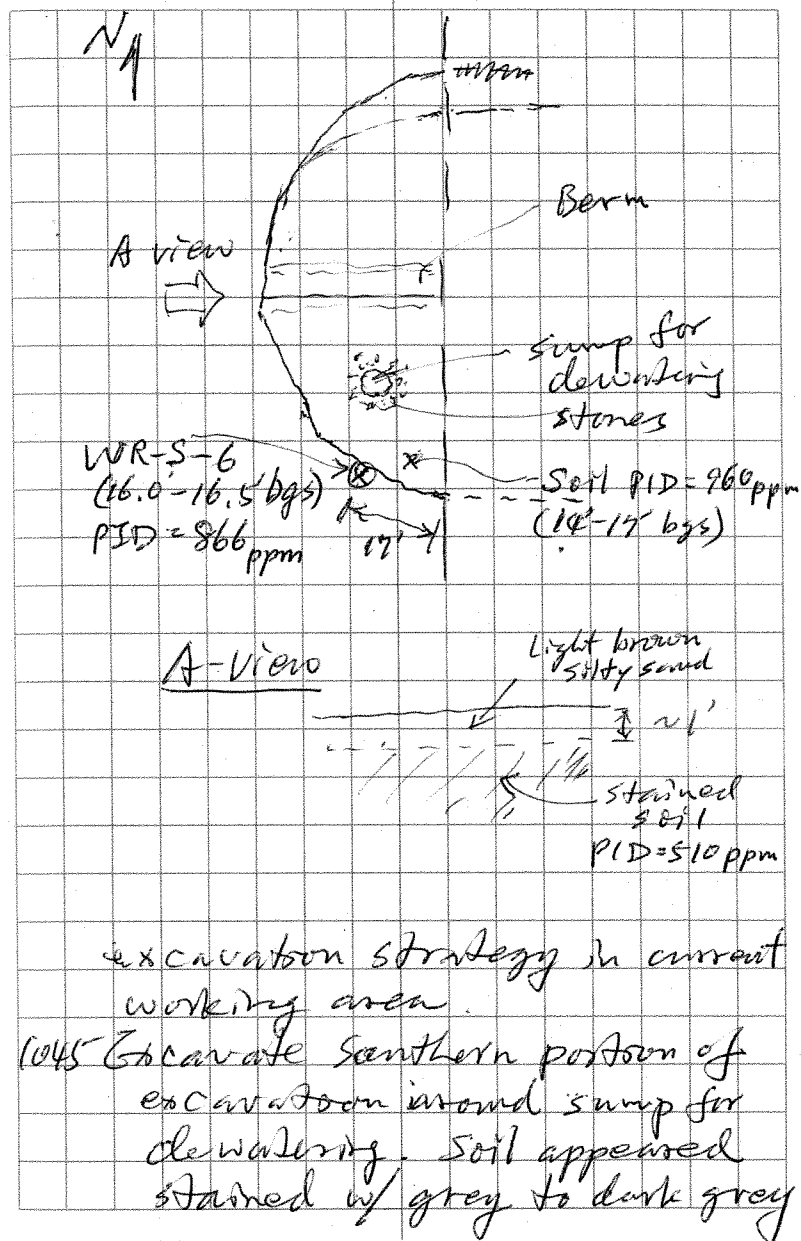
0720 Start loading trucks for
soil disposal

0730 Steve started assembling
water treatment system
Optech excavate side walls
and bottom and move
soil to north end of
excavation. Leave
southern section for
dewatering separated
by a low berm across
the excavations.

0910 2nd Frac tank for storage
of pre-treatment water
delivered on site.

Locate tank next to 1st.

1000 Bill Bennett (NYSDEC) onsite
Communicate with office on



1215 3 trucks onsite to load
cont soil.

1340 all 3 trucks off site.
Bill lunch break

1345 Water treatment system
running. with some leaks
from top of carbon
canisters

1400 Bill return to site
observe digging to 4'
below ground water table
(~13' bgs.)
Continued move soil
to north end of excavation
for lead out.

1420 Bill off site.

1430 Collect (RPT) soil sample
from side wall
WR-5-6 (16.0' - 16.5' bgs)
for VOC

1505 Start loading 2nd round
5 trucks
Continue shift soil to
north end.
Water treatment system

continued treat pumped
water from excavation.
heavy sheen/product observed
floating on water surface
in the excavation.

1620 Completed the 5 additional
trucks.

Total of 15 loads of soil
disposed off site.

1700 Optech clean equipment
and ready to leave.

1710 Pick up O&MP stations

1800 RCT telephone communication
with office.

1825 RCT off site.

11/18/10 Partly sunny, low 60's

0640 RET onsite

Prepare to set up GMP
and calibration of
monitors.

Les already on site (Optech)
Optech prepare the soil
pile in cell and in
excavation for loading out
RET resolve instrument
malfunction for rental
replacements.

0715 Started loading 3 trucks
for soil disposal off site.

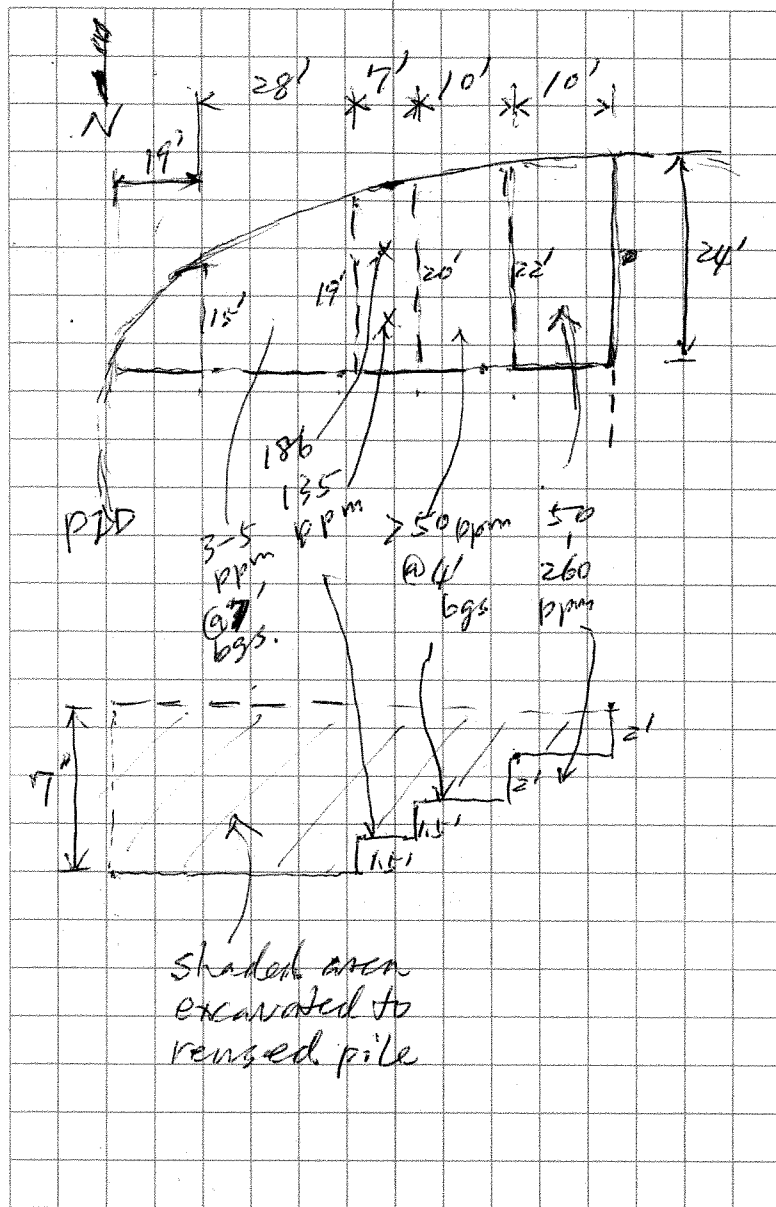
Optech continues putting
together treatment system.

0850 RET contact rental
equipment replacement.

1000 Start removing soil
considering for reuse
in area southern portion
of WR area in bldg
footprint.

Screen soil within 0-7' bgs
for reuse.

1150 work in area ~ 5.5' bgs



1130 Completed most of
The work area ~20'
from east end of the
work strip.

1245 Completed screening
of reuse layer.

Optech lunch break after
loading out 3 trucks.

Optech lunch break

1350 Resume work.

Continue load out
removed soil inside
excavation. Prepare
side wall and bottom
for sampling.

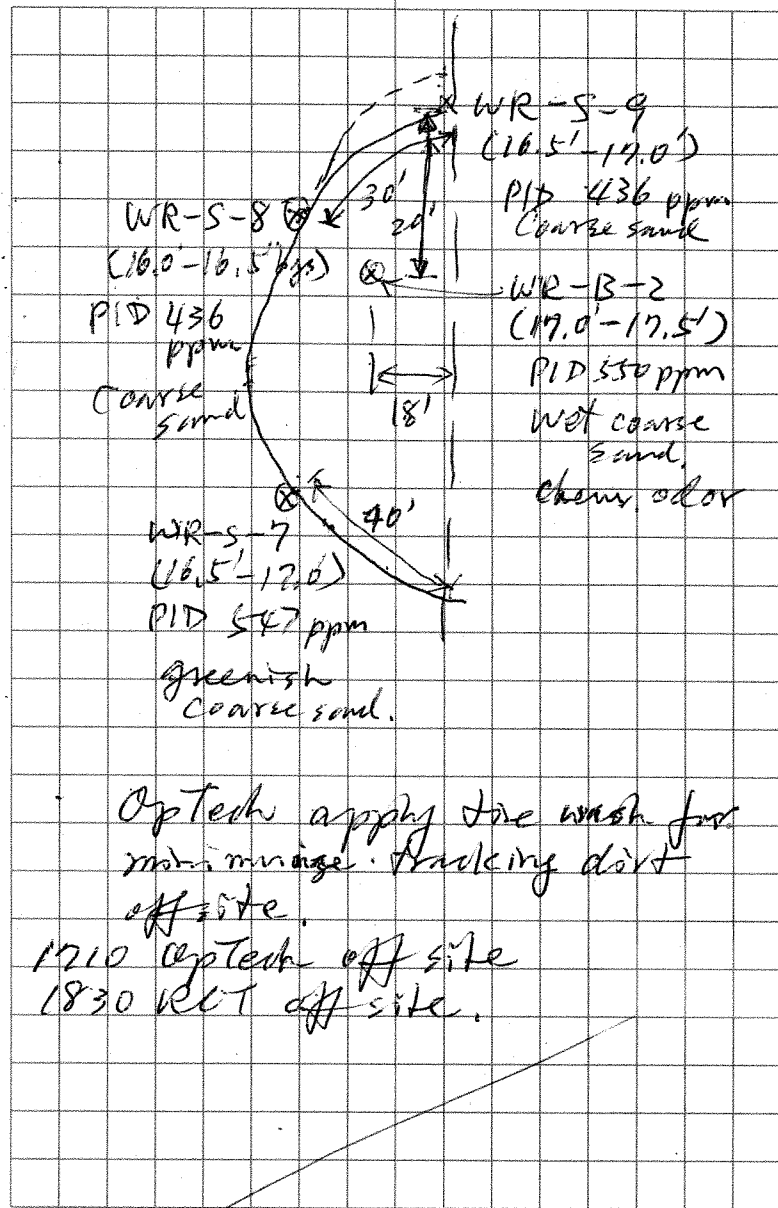
1625 Collected WR-S-8
(16.0'-16.5' bgs) for VOC
& SVOC. PID 62 ppm.

1630 Collected WR-S-7
(16.5'-17.0') for VOC, SVOC

1645 All PID = 547 ppm

1645 Collected WR-S-9 (436 ppm)
(16.5'-17.0') for VOC/SVOC

1655 Collected WR-B-2
(17.0'-17.5') for VOC/SVOC



11/22/10

GDF on site @ 0645
OPTECH on site @ 0705
weather - cloudy ~ 40°F

objective - surveyor to survey
crescent area and clean soil
from Waste Oil area

- 0720 - Les (operator) started clearing
out and sorting dirty boom soil
in anticipation of loading more
dirty soil from Wash Rack area.

- 0730 - OPTECH started pumping
water out of crescent area in
preparation of surveyor.

- 0830 - STANTEC on site
with field crew of Charles & Tom

- STANTEC will survey crescent
Area for final results they
will survey clean area of
South Wash Rack area in

backing; they will survey clean soil of waste oil area.

- Aaron informed me that he plans to back fill crescent area and dig out dirty soil of south building wash rack area to be loading off site.

- STANTEC ~~started~~ starting with crescent area first.

- Note - there is roughly 2 feet of water at the bottom of the crescent area which Chuck (STANTEC) says will not be a problem.

0905 - Dump truck # con 12 on site for dirty soil from wash rack area.

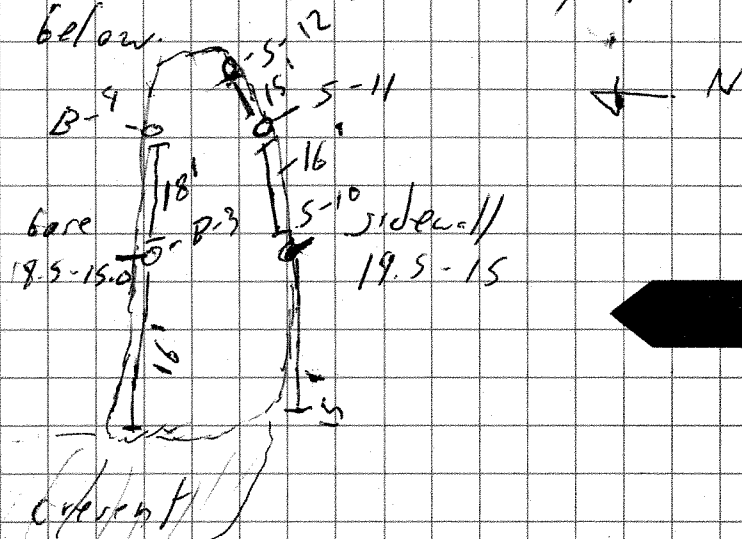
- STANTEC to move over to south wash rack area after completion of

Waste oil area.

note - steel plates brought by OTECH to protect monitoring wells not to be removed.

- STANTEC off site @ 1230.

Upon screening south wash rack area, it is determined that one sidewell and one base be taken at map locations below.



sidewall sample screened at
PID of 330 ppm. - soil was
grey with little odor.
Top soil layer had PID of
1018 ppm.

Soil was very compact, wet,
dark grey clay and silt
type material.

Bare sample had some
soil consistency with
PID bit of 66 ppm.

Sidewall I - 1930 (WR-5-10)
base I - 1935 (WR-D-3)

OP TECH continuing east with
excavation.

Aaron is trying to finish
south section today so that
when the go ahead is given
he can start back filling
the crescent area.

11/23/10

OPF on site @ 0655
OP TECH already on site
Weather - ~ 50°F sunny

- Upon arrival, spoke to Aaron
about work plan for today.
- Today consists of ~~loading~~
dirty soil and digging Wash
Rock area clean soil.

Dump truck Con 11 on site
@ 0725

Dump truck Con 12 on site @
0730.

- Con 11 offsite @ 0743

- 0749 Dump truck Con 14
on site @ 0749

- 0749 - truck Con 12 offsite

- 0755 - truck Con 14 offsite

0810 - OP TECH delayed because
of Excavator fuel issues.

11/23/10

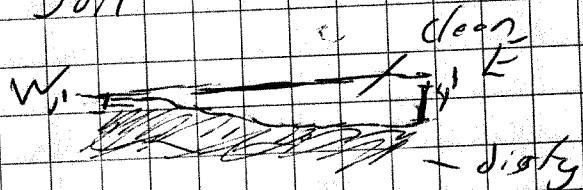
Were run, ^{not} for chlorinated
- ~~sum~~ OTECH may have to
re-sample for additional chlorinated
VOCs.

- 1225 - Con 11 on site

- 1225 Con 12 on site for loading

- Bill Bennett offsite @ 1900

- Max section north of
south excavation area in
wash rack area has
varying depths of contaminated
soil



MSR-2-12 taken at 005 at
12.5 - 13.0 g/s

1530 - After conversation with
MSR II was determined

to retake WR-5-12 sample
and include Matrix spike and
Matrix spike dup

New sample called WR-5-12-602a
at 12-5-13

Matrix spike & WR-5-12-MS

Matrix spike dup WR-5-12-MSD

1600 - Soil reuse sample
taken from reuse pile
(AU-WRV-2)

11/30/10

GDF on site @ 0650

OP TECH on site @ 0700

weather - 50°F

objective - Wash rack excavation
overnight

- OP TECH started with loading
Dump truck

- 0710 - Con 12 on site

- 0711 - Con 11 on site

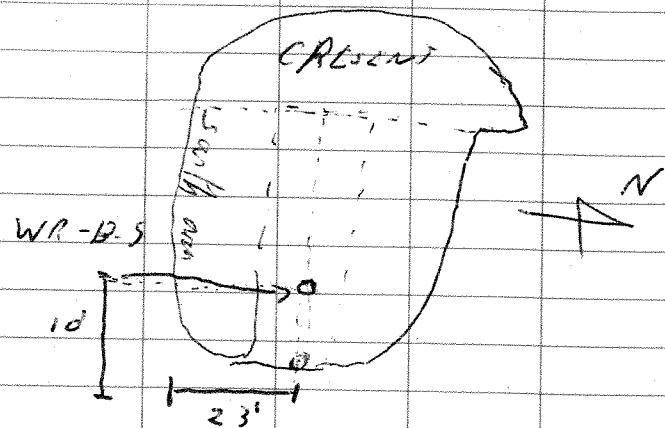
- 0715 - GDF 39 on site

- Dave from stake on site
@ 0800

- Discussed project progress with
Dave and sampling points

- 0845 - WR-B-S taken at
depth of 19.5 - 15.0 ft
PID at 17.5 ppm

OP TECH will continue
working part in northern
building Wash Rock area



- 1025 - GF 26 Fiacco on
site

- 1026 - GF 29 Fiacco on
site for loading

- 1035 - Con 15 on site

1036 - GF ~~20~~ 21 on site

1115 - GF 24 on site

1130 - Con 12 on site

1145 - Con 14 on site

1300 - sample WR-5-13 taken
at 14-19.5'

- 1305 - GF 33 on site for
loading

Dave (DEC) of site D 1435

- 1500 - OP TECH moved over
to Expansion Tank area
to ~~get~~ sample WR-5-6

- OP TECH to finish cleaning
dirt soil from Expansion
area as well

- WR-5-6 beta taken at 16-16.5

- 1615 - OP TECH moved over
to next north section
of building Wash Rock
area to slope soil to
prepare for possible rain

12/2/60 Sunny, 40's

0645 PCT onsite

Optech (Aaron and Les) onsite
Preparations for excavation
in WR area

0655 PCT prepared for CAMP.

Optech warm up equipment

0720 Turn on water treatment
system

Optech uncover contaminated
soil pile to manage soil

0755 "GW" level (top of pooled water)

14 ft from bank at SW corner.

Optech build up berms for soil
pile and firm up tracking
area for excavation of
the northern extreme corner.

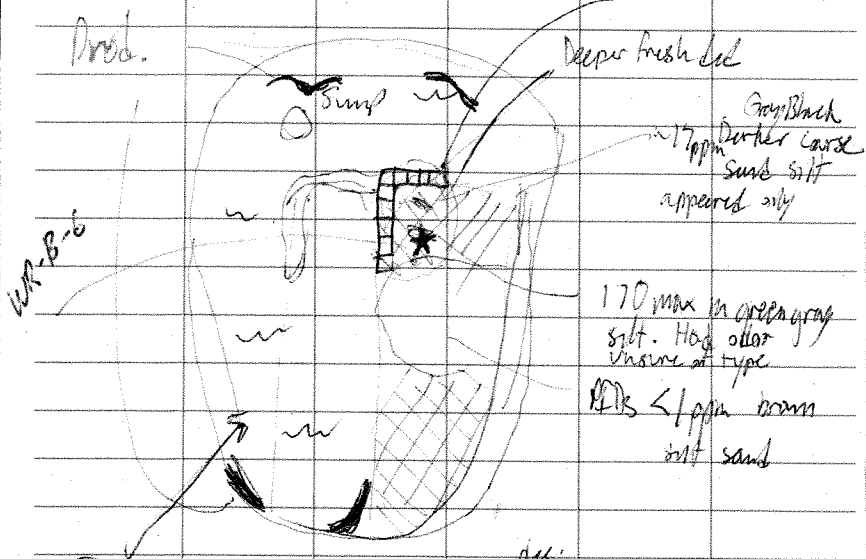
0830 Brian of Optech deliver
water pump to replace
rental unit.

Water totalizer reading 50,726 gal.

9:00 MSR onsite checked up
Ron, Aaron & Les

9:30-9:50 Optek is excavating dirty soil from the "Northern 3rd" of the WR area that is within the building footprint.

Screened some soils accessible at surface as shown



Green water w/ light sheen throughout

Some product accumulated on East end and weeps here and there

~10-10:15 Optek started creating new berm at the west end of the current old area area seems to me mostly green gray silt PDS from the same bucket ~10' down or so ranged from 25 to ~100 ppm

So far it seems to be holding back the water

~11:30-12:00 Bill Bennett on site

1:25 WR-B-6 collected at ~15'-15.5'

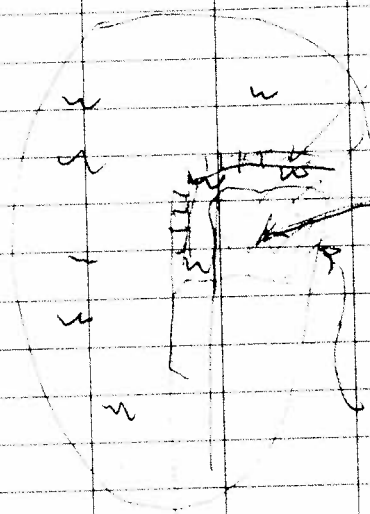
@ * on figure "purple silt/clay" and ~13 ppm

1:15 Several additional people from the DEC came on site

- 1 Dave Crosby (Bill Bennett's Boss)
- 2 Paragade
- 3
- 4

~2:00 All DEC personnel left ~~site~~ site

2MS



water is
lower than
water in
rest of os

Hit some
medium brown
clean waxy
spot of $\frac{1}{2}$ "
from grade
here

Excavating to bottom of ditch
in NW corner of "3rd Strip"
S.S. of former building foot print

2MS Got a call from Bill that we are
not extending the excavation
vertically or horizontally. But the
Berms need to come out.

400 WR-5-14 (10.0 - 10.5 from
ground local
Green silt/clay 780 ppm
light odor

WR-5-14 (10.5 - 11.0)

gravelly sandy gray
strong odor
AED 3:20 PM

12/3/10 Sunny, Low 40's

0655 PCT onsite

Optech onsite (Aaron and Les)

PCT set up COMP

Optech prepares and loads out
soils in trucks arrived.

0658 Start loading trucks end.

0830 8 loads of soil trucked off site.

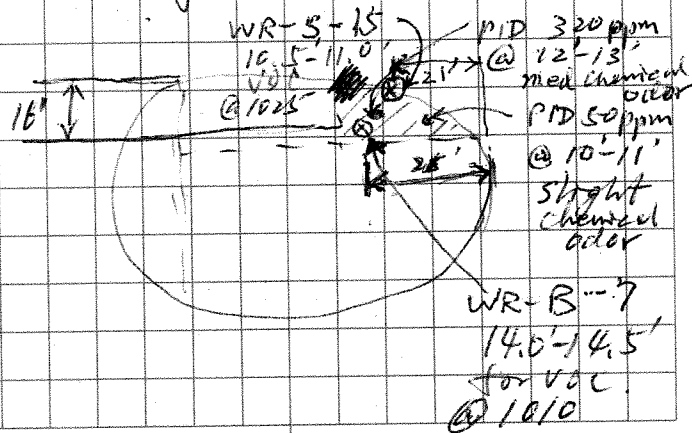
Optech continued excavation
in NE corner of WR area

Take off reused layer

and take measurements

for removed soil volume.

0920 Removed soil from NE corner
was left in excavation
for direct load today
Soil from NE corner



1010 Collect WR-B-7 (14.0'-14.5')
for VOCs; Green/light Brown Silty
Slight chemical odor PID = 15ppm

1025 Collect WR-S-15 (10.5'-11.0')
for VOCs; Greenish Silty
Low level odor PID = 10ppm
Optech continued excavation
in NE corner of excavation
ready for direct load out

1105 2nd round trucks return
for loading.

1120 Start load out 1st
2nd round truck.
Optech check water
pumping system
operational for
dewatering

Continued loading trucks

1255 Completed 2nd round
trucks loading
Total for the day:
14 loads (2 trucks
stuck at landfill
could not return)

1300 to 1340 Optech lunch

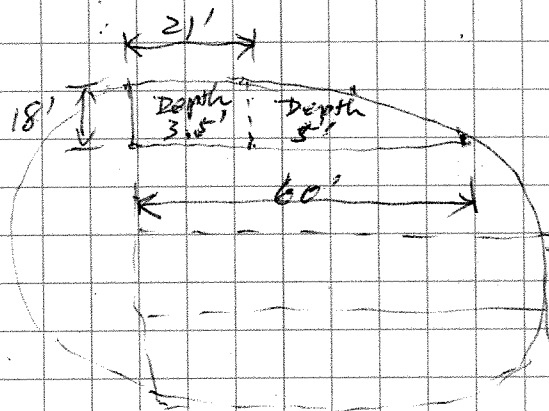
1345 Optech clean up site
manage soil pile.
WR excavation entirely
cleared for survey
and backfill.

Cover soil pile.

1445 Scrape site areas soil
trucks had tracked.

1515 Optech collected water
sample for post treatment
bank water.

1535 Optech off site
Renze area measurements:



1550 RET off site.

12/7/10 Drier start, low 60's, windy
0650 RCT onsite

Optech (Baron and Les) already
onsite. Trucks onsite for
soil disposal.

Optech live load from PT
area (south west section).

0820 Loady trucks (9 truck loads)
off site.

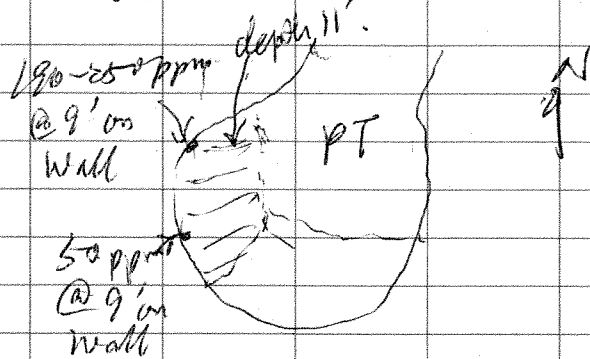
RCT set up camp.

0845 Optech start backfilling WR
area with Item stones.

Truck loads of stones
continued to be delivered
onsite for today.

0840 Scott Bennett (WRVOC) onsite
for observation.

0905 Expand PT excavation
to west.



1100 Trucks start returning
for 2nd round soil disposal.

1235 Completed another 8 loads
of soil off site.

Plan post-excavation
sampling locations in southern
half of PT area.

Depth of excavator in PT area
to 11' bgs.

1310 Optech continue backfill
WR area with stones.

Treat water in pre-treatment
tank (3/4 full).

Discharge from post-treatment
tank and directly treated
(Colabizes ready 56,470
gallons, project starts
at 4496 gallons)

1540 RCT prepare collection of
remedial samples.

RU-WATV-1 for VOC

RU-WRV-2 for VOC

RU-WRV-3 for VOC

RU-WRV-4 for VOC

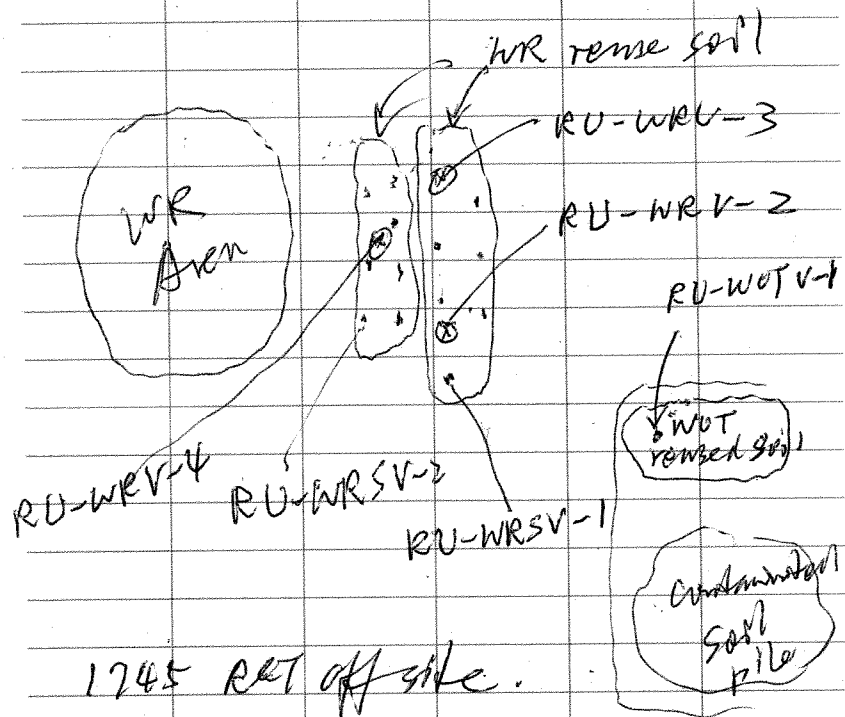
RU-WRSV-1 for SVOC

RU-WRSV-2 SUBC

1440 Scott (DRC) off site.

1530 Optech continued front
and discharge water
and continued backfilling
WR area to above
ground water level.

1705 Optech off site.



1745 RET off site.

12/8/10 Mostly sunny, High 50's, Windy

0645 RET onsite.

Optech (Daron and Les)
onsite

Soil trucks onsite que
for load out directly
from PT area.

RET set up camp.

0650 Started loading trucks for
off site soil disposal.

Defrost water treatment
system including totalizer.

0840 Completed 11 loads out
with trucks first round.

Optech continued excavation
and FE investigate the
bottom of PT area
(southern half).

Set ramp down to explore
bottom condition with
PID screening.

0945 One Cason truck onsite for
1 load soil out
Continue screening PT
area bottom

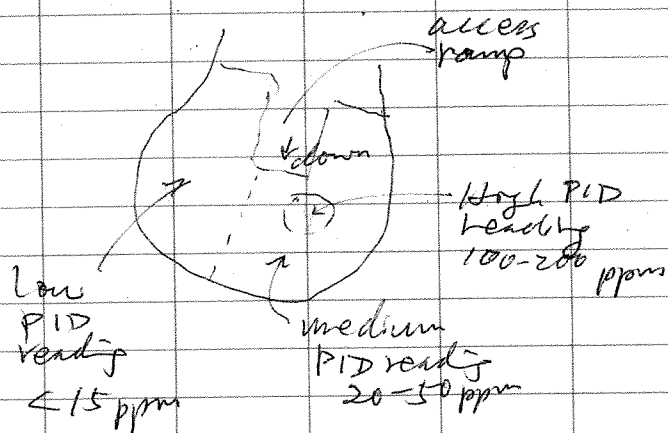
1055 2nd round trucks started returning onsite. Load trucks with soil directly from PT area.

1230 Completed another 9 loads soil (Total for the day 21 loads).

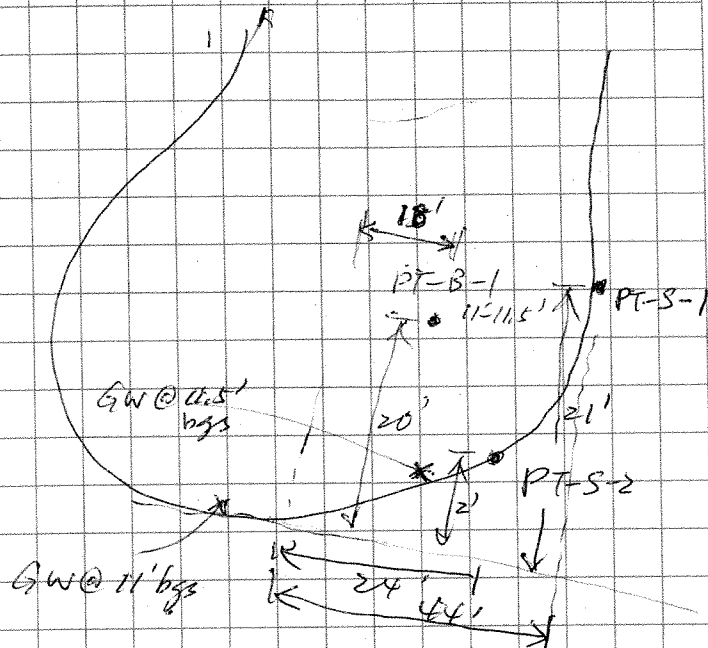
1230-1320 Oprech lunch break.

1345 Investigate bottom of PT area

Remove more soil (dig deeper) in eastern half of the work area (~18" deeper)



1430 Oprech resume backfilling of WR area. Start pump water from sump



Samples collected:

PT-S-1 9.5-10.0' @ 0955

PT-S-2 10.0-10.5' @ 1020

PT-B-1 11.0-11.5' @ 1000

RU-WRSU-1 Composite

Compact 12in stones in
WP area with excavator
tracking paths in
cross directions.

Final surface of stones
(end of dry) approx.

3 ft above groundwater.

Continued discharge and
treat water.

1630 RUT collect composite sample
for reuse soil pile
from WOT area.

1645 Optech off site.

1755 RUT off site.

12/9/10

ARR on site @ 0730

OPTECH already on site (loading
trucks)

Weather - ~20°F

- Upon arrival, several trucks
had already been loaded
and left

- 0845 - MSR on site

9:26 Bill Bennett on-site

- Calson truck # 38 offsite @
1000

- Constellation 12 on site @ 1020

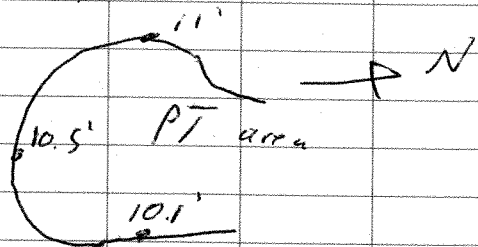
- MSR / Bill Bennett off site
for lunch 1145.

1312 - MSR / Bill Bennett back
from lunch

- OP TECH broke for lunch
2:00.

- Wash tank area was measured
down to top stone at depths
at 7' bgs.

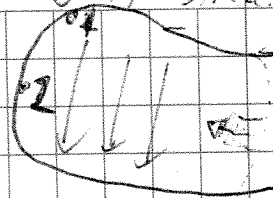
- Petroleum tank area depth
measured at eastern side
wall to be ~10' bgs ranging
down to ~11' bgs at south
west end.



11:15 OP TECH started building
ramp for excavator to drive
into excavated area.

- Backhoe will move soil from
west end of PT area to
east end to make landing
piper.

PT Area



~13' bgs gravel material
was scanned by MSR reading 8.5
- location shown above as ↓

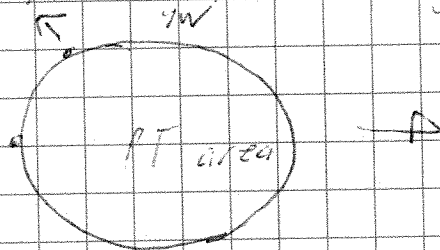
Layers of soil consistent with PCT
observations. Looks to be

0-8.5' - to top of 6" cur

8.5-10' - to top of grey

10-12.25' - to top of second cur

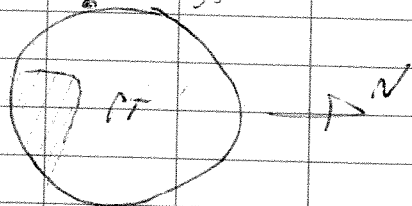
12.25-13' - to top of gravel layer



11/15

MSR screened out at north
of 13' but at 0.6 pm
location is 2' up map

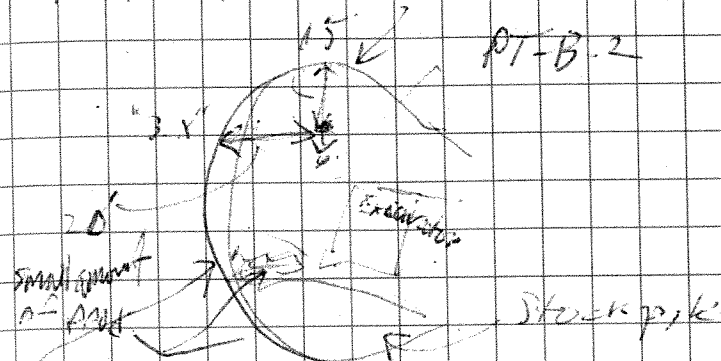
Depth of 16' measured at
location



Depth of 13' shown seen as 13' by
a shovel area above

3:40 Collected PT-B-2 from ~15:55
course sand/gravel material dark
gray just above GW. no white
odor or PID. PID is not working
100% (spiking) Collected Dep. of
this location

Depth to bottom at this site was 16'



Measured excavation depth at the
spray paint mark for where
we want to sample PT-S-3 (not
taken yet) Depth to Bot 14.5'
15' Gary took picture of MSR
holding tape

measured after to 14.0' in
location above on map
near sample PT-S-2 location

Sample PT-S-3 collected
at 16:42 from 14.5-15
Sample PT-S-4 collected at
16:45 from 14.5-15

12/10/10

- Off site @ 0700

OPTECH on site @ 0700

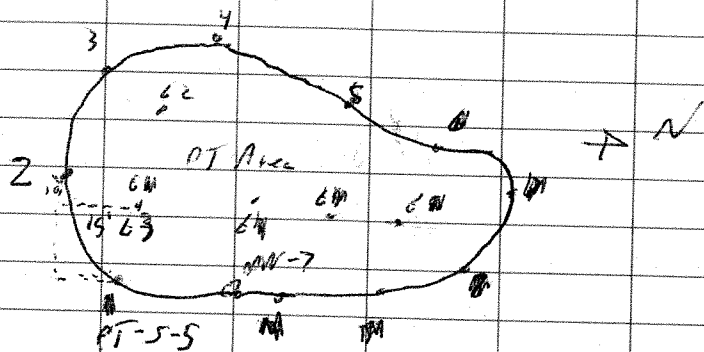
Objective - Oversight of PROMAN excavation

- weather - cloudy ~ 10°F

- 0730 - OPTECH started loading trucks for off site disposal

- Aaron (OPTECH) says 8 trucks should make 2 runs each (16 loads)

Updated Map including sample points already taken



0830 - CPE measured water level at 3 different points

At sample point 2 water was gauged at 12.5' bgs

At sample point 3 water was gauged at ~~sample point~~ 14.5' bgs

Eastern section of excavation to be dug down deeper past original sample depth of 10.0' bgs at PT-5-1.

- Current depth of soil is 11' bgs

Water cleaning system checked @ 0920 - totalizer reading 72,070

- Aaron informed me that one of the treatment tanks was full - 20,000 gal
- The other has ~ "

-1000 - OP TECH continuing
Southeast section down to
-15'

-In order to get P-T-5-1
re samples we are going
down to 15' and OP TECH
will try using barges to
limit groundwater

-GWF gauged water at 14.5'
right at soil level on
eastern sidewall at southern

1010 - P10 giving sporadic readings
ranging from 0.7 ppm to 17.7 ppm
PT-B-3 taken at old PT-B-1
location

sample taken from 14.5 - 15' bgs
- note - product seen in water
entering into southeast section.

PT-5-5 taken at location
on map of 14.5 - 15.0
- soil is down to grey gravel

P10 - 68 ppm - 1030

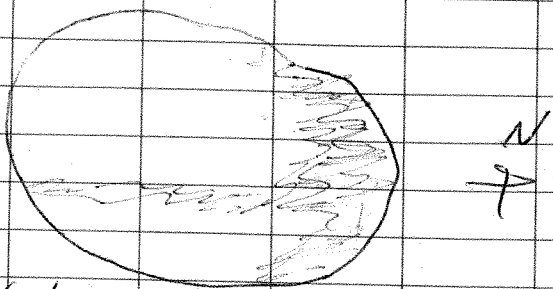
1100 - Dump trucks started
coming on site for loading.
OP TECH excavator started
preparing to load trucks

-1109 - as first truck
was preparing to load
soil, GWF measured
depth down to Eastern
end of PT area
excavation at 14.5' bgs.
- OP TECH confirmed and
picture taken.

Last truck offsite @ 1245.
1300 - OP TECH broke
for lunch.

1315 - P10 Mini RAE (M)
re calibrated for Fresh air
and Isobutylene span.
Fresh air - 0.0 ppm
Span - 102 ppm.

1325



- shaded region represents
area to be excavated
from excavation @ 1325
~~area~~ Berm area will
be removed today

note - samples from PT area
changed - original PT-5-~~2~~^(14.5-14)
is changed to PT-5-1
(17.5-15.0).

Sample PT-B-3 (17.5-15)
changed to PT-B-1 (17.5-15)

OP Tech continuing to transfer
dirty soil from PT area
into dirty stockpile area.

PT-5-~~2~~ (8.5-9) taken
at 1640 at location
PT-5-2 at south end of
excavation shown on previous
map - 1640 - PID hit of 1533

PT-5-5 sample taken at
17.5-15 at 1643 at location
shown on map

PT-B-3 17.5-15 taken @
1649 at location shown on
map

12/13/10

GPF on site @ 0700

Objective - Excavation oversight

Weather - ~ 50°F rain

OP TECH already on site

0810 - Dump truck come to unload

Q1 for back filling -

Screened soil from PT North for cleaned

- GPF measured depth to ^{small} water @ south side location along
PT-5-2 @ 12.5' bgs.

- Surveyor continued to come
@ 1100 (Mott & Tom)

1100 - Stantech on site to
survey excavated area and
soil reuse from PT area

- Les said he would fill Wash
ranch area with additional 2'
of Q1 stone before he
can proceed using soil reuse

OP TECH continuing work on
Wash ranch area as Stantech
surveyed.

- GPF measured depth to water
at sump in Wash ranch at
1' below ground - additional
2' needed

- 1250 - Stantech having problems
with control points

- 1345 - Stantech finished
surveying PT area reuse
piled and excavated area

1356 - Stantech off site

- Les says both machines
Loader and excavator experiencing
difficulties, and need special
- remainder of day will focus
on backfilling of Wash Ranch
area.

12/15/10 Sunny, Mid 20's

0655 RIT on site

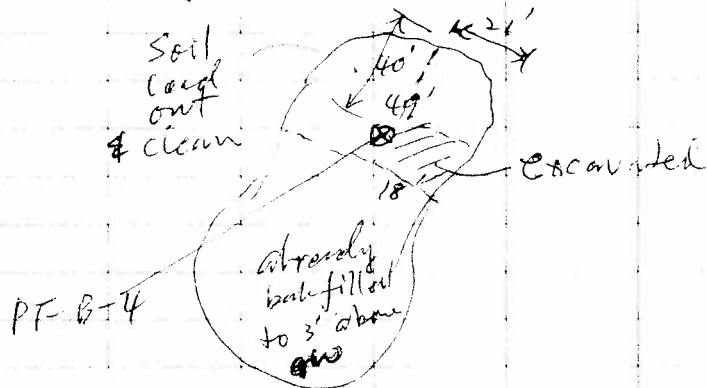
OpTech Aaron and Les already on site getting ready to load out excavated soil from NW quadrant of PT area.

RIT set up camp.

0815 9 loads of soil trucked off site end of 1st round.

0830 Dave (MSDEC) on site.

0845 Measure NE quadrant of PT area.



OpTech started backfill reuse soil for WR area from west end.

0950 Dave off site.

1120 Second round trucks return for continued loading for off site disposal.

1245 Another 9 loads of soil off site (Total 18 loads for the day). Excavate & clean up southern part of the NE quadrant of PT area.

Continue backfill reuse soil in WR area from west end towards east. (estimated entire backfill of reuse between 2'-3' layer).

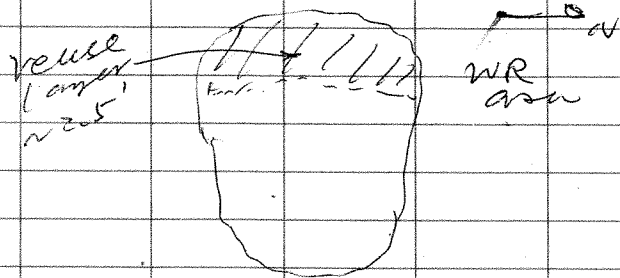
1515 Collected PT-B-4 15.0'-15.5' for VOC, grey clay, 0.0 ppm

1535 Collected PT-S-8 13.0'-13.5' for VOC, grey silty, 1100/10 ppm

Clean up soil in excavation to prepare for sidewall sampling.

1620 Collected PT-S-6 12.0'-12.5' for VOC w/MS & MSD PID 0.0 ppm

1635 Collected PT-S-7 13.0-13.5'
for VOC, blue/grey clay, ^{710/150 ppm}
Completed reuse layer backfill
in WR area approximately
1/4 from west end to
east end



1655 Optech off site.
1720 RET off site.

12/16/11 Sunny, mid 30's

0650 RET onsite

Set up camp

Optech (Aaron and Les)
already onsite leading
soil for off site disposal.

0730 Dave (VESD&C) onsite

Eric (Optech) onsite
w/ bus truck & supply
of manifests.

Leading soil directly from
PT excavation. (North half)

0820 leading trucks from soil
pile to finish 1st
round of 8 truck loads
of soil from PT area

0900 Clean up fallins from
west wall of northern half
of PT area.

Consolidate soil on east
side of the N. half of PT
area.

Customed backfill reuse soil
in WR area

1030 Collected PT-B-5 15.0-15.5'
for VOC.

1045 Remove reuse soil from the very NE corner of PT area. PID max 6 ppm in air off soil.

1100 1st truck return for 2nd round of loading. PID in air by direct loading area 0.8 ppm

1130 Done off site

1145 Treatment system totalizer ready. 81530 gal.

1220 2nd round of truck loading complete (added 5 trucks, for a daily total 13 truck loads).

1230-1330 Optech loader broke. Continued remove 1' of reuse soil in the very NE corner of PT area.



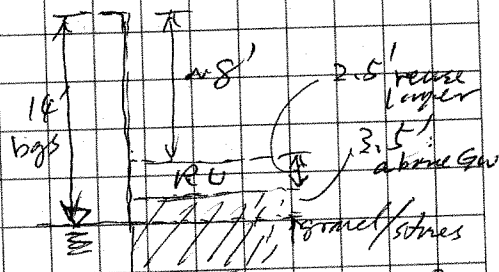
1345 Continued backfill of reuse soil in WR area. Compaction by running excavator trucking repeatedly.

1450 Baron & Eric off site

1515 Manage soil pile for tomorrow's loading.

1525 Collected reuse pile sample
RU-PTV-1 VOC
RU-PTSV-1 SVOC

1635 Completed reuse backfill in WR. Totalizer: 8278 gal



Completed pile management

1650 Les off site

1710 RCT off site

12/17/10 Sunny, high 30s

0600 RCV onsite

OpTech (Les) ready to load trucks.

0650 1st truck load out directly in NE corner of PT

area.

0800 1st round of trucks (6 loads) completed
Clear PT excavation and move soil from excavation to piles

0900 Backfill WR area with gravel/stones on top of reuse layer.

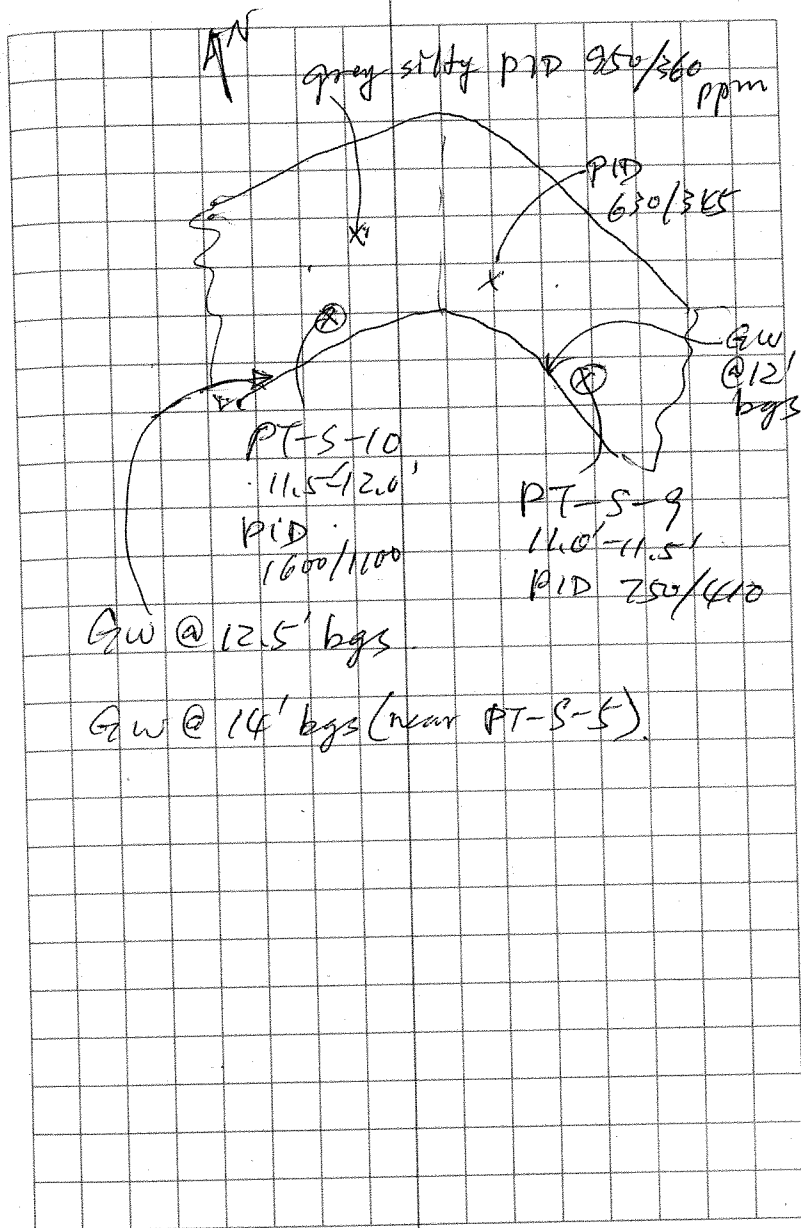
0930 Collect PT-S-9 11.0'-11.5' for VOC, PID 250/410 ppm

0945 Collect PT-S-10 11.5'-12.0' for VOC, PID 1600/1100 ppm

1000 Resume backfill of WR area w/ gravel/stones

1105 2nd round truck loading started.

1225 Complete 2nd round soil loading (additional 6 loads)



Total daily loads (12 loads
soil off site)

1230 Les lunch.

1315 Resume soil pile management
clean up equipment.

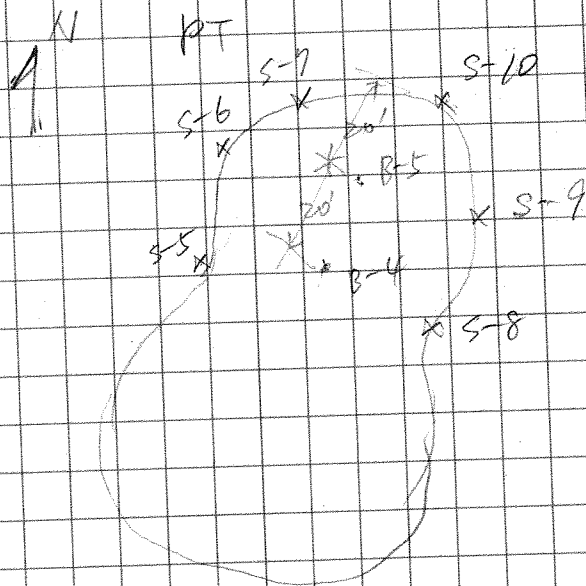
Truck continuously deliver
gravel and stones

Continue backfill WR area
with delivered gravel/stones
and compacting w/ excavator
tracking.

1530 stopped backfilling in
WR area.

1545 Les off site.

1635 RET off site.



12/22/16

GBF on site @ 0740
OPTECH already on site

- Upon arrival: CAT 325C
excavator on site, OPTECH
Jumps truck #11, Anderson
roller CA150, Komatsu 3Txx,
and CAT 930G loader.

- 2 Man crew (Lee + Allen)
working for OPTECH.

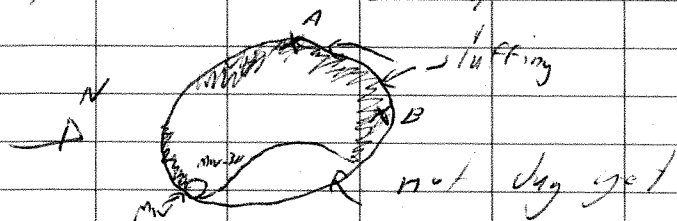
0745- OPTECH offsite for
fuel for Excavator

Initial inspection of WOT area
shows water @ ~ 7' bgs

OPTECH in process of
pumping water out of system
before they start excavating.

South side of wet area
Itw @ ~15' by
note water covers 10% of
excavation area and has
has product.

- wet area has sluffing issue
along west and North side
walls with a little sluffing
at the south side wall.



A - screening along west side wall
at 17.5-15' by (some sluffed
soil) has reading at 257 ppm

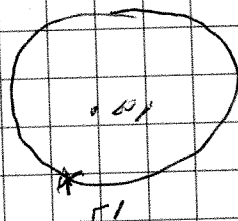
B - @ 8.5-9' by, prod bits
of ~9000 ppm

Mw30 west section of well
exposed, but informed me that
that section would not be

dug deeper to preserve well
0930 - lumber over to stockpile
area to soil dry soil

South side wall screened at
220 ppm at 17.5-15' by
and 257 at 9.5-10' by

- samples taken at (wets
depth) of WOI-51 (14.5-15) @
1020 and WOI-51 (10-10.5)
@ 1022.



WOI-51 (15-15.5) taken @
1030 - soil screened @ 90 ppm

- Constantine says it onsite @
1097 for stockpile loading.

WOT-52 (18.5-19) taken
@ 1230 - soil at base
reading 22.6 ppm

WOT-53 (19-19.5) @ 1256
PID 16.6 ppm
*WOT-53 (10-10.5) @ 1255
PID 4086 ppm = small same size area

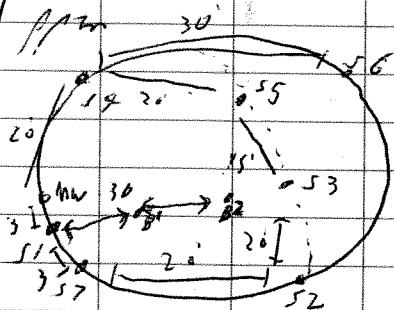
WOT-52 (15-15.5) @ 1310
PID 91.1 ppm

WOT-56 (9-9.5) @ 1420
PID 0.2 ppm - dry

WOT-54 (13.5-14) @ 1515
PID 96 ppm

WOT-59 (11-11.5) @ 1518
PID 16 ppm

WOT-55 (12-12.5) @ 1530
PID 21 ppm



Totalizer reading taken at
94,180 total gals.
WOT-53 - Only two small areas
of product, sample taken at
product impacted area, rest of
soil appears fine with PID hits
from 20 ppm - 60 ppm.

1/3/11 Sunny, Mid 30's

0700 RCT onsite

OpTech (Aaron and Les)

already on site preparing
for cleaning up sluff in
WOT area.

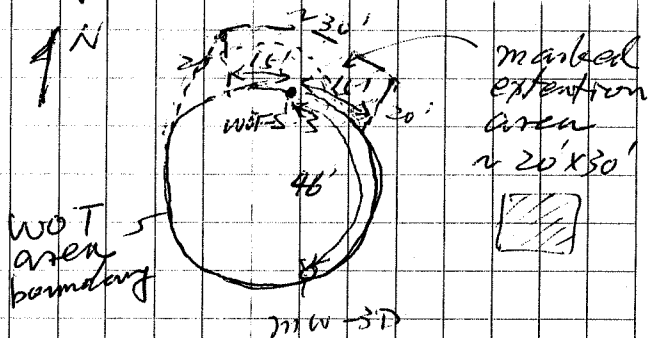
Set up water pump for
de-watering in WOT excavation.

RCT setup camp.

0740 Start pumping water into
pre-treatment tanks.

0825 2 truck loads of gravel/stone
delivered (for WOT area)

0845 RCT mark off extension
of excavation in NE corner
of WOT area. (~20'x30')



0925 started clean out sluff (filler)
in WOT excavation

- 1100 Total of 3 and 1/2 loads of dump truck (Optech) out of the excavation, estimated 49 cys. (@ ~14 cys/load).
2 loads of gravel/stone delivered.
- 1150 Backfill WOT excavation with gravel/stone to just above current water level.
- 1200-1240 Optech lunch break.
- 1250 Perform backfill in PT area with gravel/stone to grade.
- 1345 Aaron continued backfill PT area to grade with bull dozer. Les continued spreading gravel/stones in WOT area and perform compaction with excavator bucket to level above standing water/ice from earlier, after pumping. Areas in the vicinity of MW-3D still soft.
- 1510 Stopped compaction in

WOT area. Les resume grading in PT area to grade.

- 1625 PT area backfill not complete, short of some gravel/stone for small areas below grade.
- 1635 Optech crew off site
RCT demob CAMP
- 1715 RCT off site.

4/5/11

GDF on site @ 0700

OP TECH on site @ 0705

NYS DEC on site @ 0705

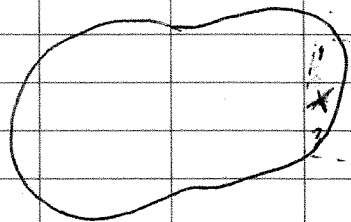
(Dave)

objective - PROVAN site
restoration oversight.

- today will consist of
expanding the work area
and loading stockpiled soil.

0711 - CAMP set up

CCRS P10 hit at 556 taken
at base of ~ 11.0 - 11.5' bgs
location on map - X



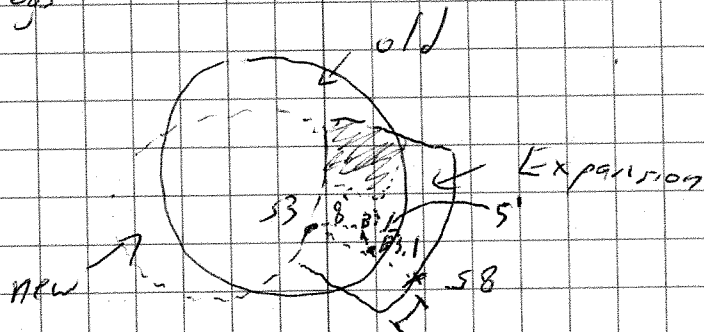
Let dig down along northern
sidewalk. All soil clean
down to ~ 12' bgs

Contaminated soil seems to be
stemming from southwest
section of new expansion area

1 - P10 reading 552 ppm at
11.0' bgs

2 - No P10 readings down to
12' bgs

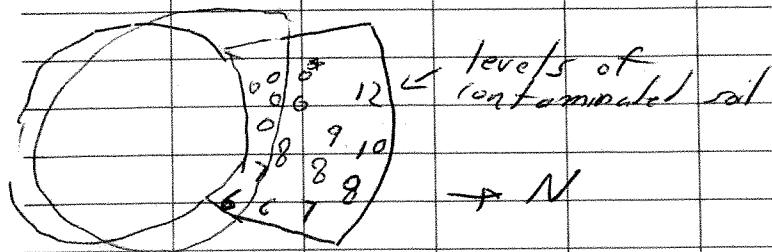
3 - P10 readings of 1055 ppm at
10' bgs



Shaded region on map very soil
dirty with no clean ~~soil~~ present.

After getting rid of all clean
reuse soil, OP TECH agreed to
average start of contaminated soil
at 9' bgs.

Exact measurements below



Note - soil starting at ~ 8' bgs - most of it was sluffed from other areas but no clean rewire was taken out

- After contaminated soil was taken out of SW corner of expansion Base sample WOT - B3 (12-12.5) taken at 0930 along with DUP

DP TECH started moving east from SW corner to identify ditch extent. *Excavation will stop when sidewall hit at < 50 ppm

is reached

Excavation stopped about 5' short of mark out on most east sidewalk because PID reading of 15 ppm identified during screening

Excavation stopped in NE corner early because PID reading of 9.5 ppm seen with no odor

North section stopped at limit of excavation but soil was taken out for rewire PID reading 1.8 ppm. WOT - 58 (12-12.5) taken at 1330 along with matrix spike and matrix spike Dup

- New base sample (location) on map taken as WOT - B3.1 (12-12.5) at 1400 along with Dup 2 sample.

note - original base sample
WOT - B3 (12-12.5) screened
with PID hit of 9,999 ppm
with staining present and
strong odor.

WOT - D3 (12-12) screened at
2.0 ppm with no odor.

soil re use sample taken
from re use pile at
WOT area. 1415

- 1430 - pipe from WOT
area pulled with 3' depth
and 13' width.
Pipe section is 25' in length.

note - Matrix spike and Matrix
spike dup collected from sidewall
WOT - B3 (12-12.5) - 1330

DUP collected from WOT - B3 0930
DUP 2 collected from WOT - D3.1 1400

1/6/11

GDF on site @ 0730
OP Truck already on site
with multiple personnel on site.

- Weather - ~25 F, cloudy
- Both Bill Beyer &
Stanlee (surv. coord) shall be
on site today.

0800 - Les (operator) continuing
to backfill WOT area from
previous excavation - level to be
brought up to 8' bgs.

- Expansion area in WOT area
waiting to be surveyed.
Water level at ~12' bgs.
- 0840 - Stanlee on site
(Charlie & Tom) to
survey expansion area and
french area at pipe to
south of WOT area.

0846

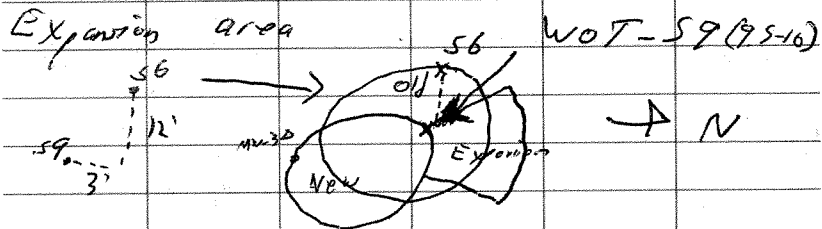
- Felicella dump truck dropping
off 6 items for backfills

0995 - started off site,
finished with surveying
of expansion area and trench
with pipe area
- water hole by startec at ~13' bgs.
NYS DEC (Bill Beane) on site
at ~1000.

CBF & Bill discussed backfilling
and type of material used

- berm material (mostly sand
and stone dust type material)
will be used for backfilling
~~from~~ from clean stockpile
for re use soil.

Bill suggested additional
sidewall sample be taken
at ~~Northwest~~ section of
southwest



Bill Beane, (Erie) @ 1130

OPTTECH will continue backfilling
WOT area, when excavation
is down in excavation
CBF will take sidewall
sample requested by Bill.

WOT-59 (9.5-10) taken at
1300. PID reading of 8.8 ppm.