

7-25-88 - contact with Erv. R - requested to contact local contractor
to begin soil excavation & stockpile contaminated soil.
- to be on site am - 7-26-88.

7-26-88. 9:00 AM -

Met Erv, Rose, Steve Rodanz.

- discussed past episode of leak from piping
- noted problem Thu - Fri - 7-21-22-88 based on inventory
& soil staining 2 ft above valve - (ground surface)
- contractor on site - Mares Contracting - Annandale
612 - 274 - 3608
- discussed with Erv. possibility of land spreading
contaminated soil on parcels at property just west
of tank area & drive.
Legal - Sec #20 Twp 122N. R 26W 20 acre parcel
unplotted Silver Creek Twp.
All of part - NE_{1/4} of NE_{1/4} lying south
of state hwy #194

Area for land spreading - sand gravel - top soil
area - acceptable provided Twp & Co.
approval obtained.

- Contact with Kevin Faus - need soil analysis
bottom of excavation after tank is removed
as well as composite sample prior to land application
Ethyl Benzene & Total Hydrocarbons
Touber
Xp be

Twp supervisor. Toured area Alfred Skerton

612 - 670 - 2248.

would have no problem; however would like other members
to look at site.

H/Evel Sh requested letter of Agency approval
 & to approval to be sent to Silver Cr. Twp

- Chuck Davis from Agency to be coming to site
 & look at land spreading option
- Contractor continuing to excavate soil along west
 side of tank down to 12-14 feet encountered
 clay & product has pooled next to tank
 will excavated & remove for larger crane to
 come in & remove tank
- At that point a better visual determination
 can be made on extent of contamination
- Also recommended to ERV Advance to contact
 consultant so they can sample soil from
 hole prior to land spreading
- Provided ERV with statement on
 responsibility - 11-06-1

7-27-88

On site - 8:45 p.m. Chuck Davis write to
 Silver Creek Twp Board - look at land spreading site for
 approval - read letter from Agency

- 2-3" spaced by ERV R. every 2 hrs.
- Sampled at start for EB, TX. Total Hydro C.
 at end of growing season -

Pump out of product from into seepage area of
 clay lined tank - 250 gallons product
 recovered -

Contractor - Ron Mares -

- unbed on procedure to get as much contamination out as possible.
- Soil borings with clay below tank showed no contamination; however seepage from well on west & east below adjacent tank showed product flowing into tank.
- Channels needed to route fuel to collection point.
- Will contact Brian to do sampling after fuel sprayed complete.

Excavator down to 16 ft - 4-5 ft below original tank excavation -

- concern - do not want to break clay seal & channel fuel into water table below -
- To date have not encountered H₂O table.
- advise responsible party to channel fuel to control pit & continue to pump -
- will keep hole open until all recoverable fuel product is out -
- x additional soil removal may be needed
- will backfill site & evaluate morning of 7-20-84
- Check Down from Wright to be on site
- area to be fenced for safety

- 7-20-84 9:15 am - contact with Erik - additional 175 gallons recovered from excavation - discussed with Chuck P. hole to stay open continue to recover - (no excavator at this time - do not want to penetrate clay seal - phone call - 7-29-84 9:10 am

7-29-ft-

- contact with Tim Radenz -

collected Free product from excavation -

7/24/84 pm - 55 gallons #2 diesel

7/29/84 AM - 85 " #2 "

total collected since recovery efforts to be approx - 600 gallons

- Discussed with Tim the need to keep hole open hole open until all recoverable product is removed

- He said to keep hole open until 8/10 date

Evu - He expressed concern over it rain full full hole & floats tank -

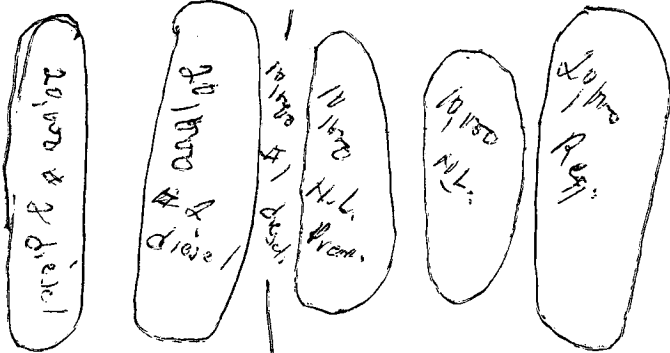
- felt that fuel & water entering hole from a storm could be pumped out & stored in drums or tank just removed

- Chuck Davis - discussed need to keep hole open - as product continues to enter excavation & be pumped out

- Informed Chuck should call Evu on 8/10 an to find out status of recovery

- If heavy rains come - please call me at home - we will discuss options available

Other tasks on site - from west to east.



removed

8-2-88 10:40 AM - Bev Rodunz called.

8-3-88 AM - returned call from MPCIT -

Req went made on amount of product recovered since last Fri - 7-29-88

- 600 gallons recovered since tank removal & excavation
- Sat - 7-30-88 - 28-30 gallons fuel poured
- Sun - 7-31-88 - 0 gallons
- Mon 8-1-88 - 6 gallons -

Bev has requested to fill hole in

- Informed Bev that staff Hydroflight will be on site today to look at project.
- Contact with Kevin Foss - agreement - hole would be backfilled until all free product recovered - at that time go back down for additional excavation / thin spreading.
- sample soil from thin spreading site

8-3-88 11:45 AM - Met on site with Don Stoddard
Pat Chabot
Bev Rodunz

- Continue to recover product until such time that no free product is encountered.
- After that time contractor to go back down & excavate any remaining contaminated soil.
- Then fill with clean soil
- borings may have to be done to determine extent of lateral movement north & south of tank removed.

will contact Chuck Davis to see how clean-up as
I will not be available on Fri - 8-5-88
- or 600+ gallons removed to date.

8-4-88

called Eric - units on job
- 6+ gallons N_2O - washed
product out of soil
request to keep hole open & recover product
if fuel continues to enter -
- call me at home on weekend if need arises
& fill hole after recovery of free product
does not shift.

Also called Dwight to 2H - Chuck Davis
in States -

Chuck will check on site on 8-5-88
& will call on Mon 8-8-88 for status.

8-9-88

Stopped at site - Eric expressed concern over 2" rain
fall of 8-7-88 - had to backfill a portion of
the hole to hold tank in place.

- When arrived on site Eric indicated they pumped an
additional 5-10 gallons of fuel - within 30 min
- Asked that he skim off any surface oil seep
& pump out the 2-3 ft of water in the
depression -

- Asked that he get the contractor back & remove
contaminated soil from north end & backfill with
clean soil.

Should continue to remove any remaining contaminated soil
to the north - then close up hole

- After complete - call Brian Edge - & arrange
for composite soil sampling & having
North & South of existing tank - & west.

down to clay soil (also H penetrates
clay seal) 700 ± 100 (~~1000~~ - ~~1000~~ gallons) Fuel recovery,
warranda in the soil

f-12-pp

Discussed status with Evr.

50 cu yds - additional removed

total 170 cu yds

at this time would be able to see composite soil sample

on land spreading site for EB-BTX-

Total Hydrocarbon & Fuel oil.

(also need to re-disc the soil already there spread)

Need following talk to Evr.

D-15th Called Rose H to inform her that Dan S.
not in (hydro 950 gal & project) will be
requesting soil boring on site due to mobility
& remove all contaminated soil -

- will not be made vertical/horizontal

place of product & s.w. -

will call Evr - & discuss when Dan Stoddard
gets back in

f-22th - Contact with Dan Stoddard - Dan agreed
we should proceed with soil boring & determine
extent of contamination.

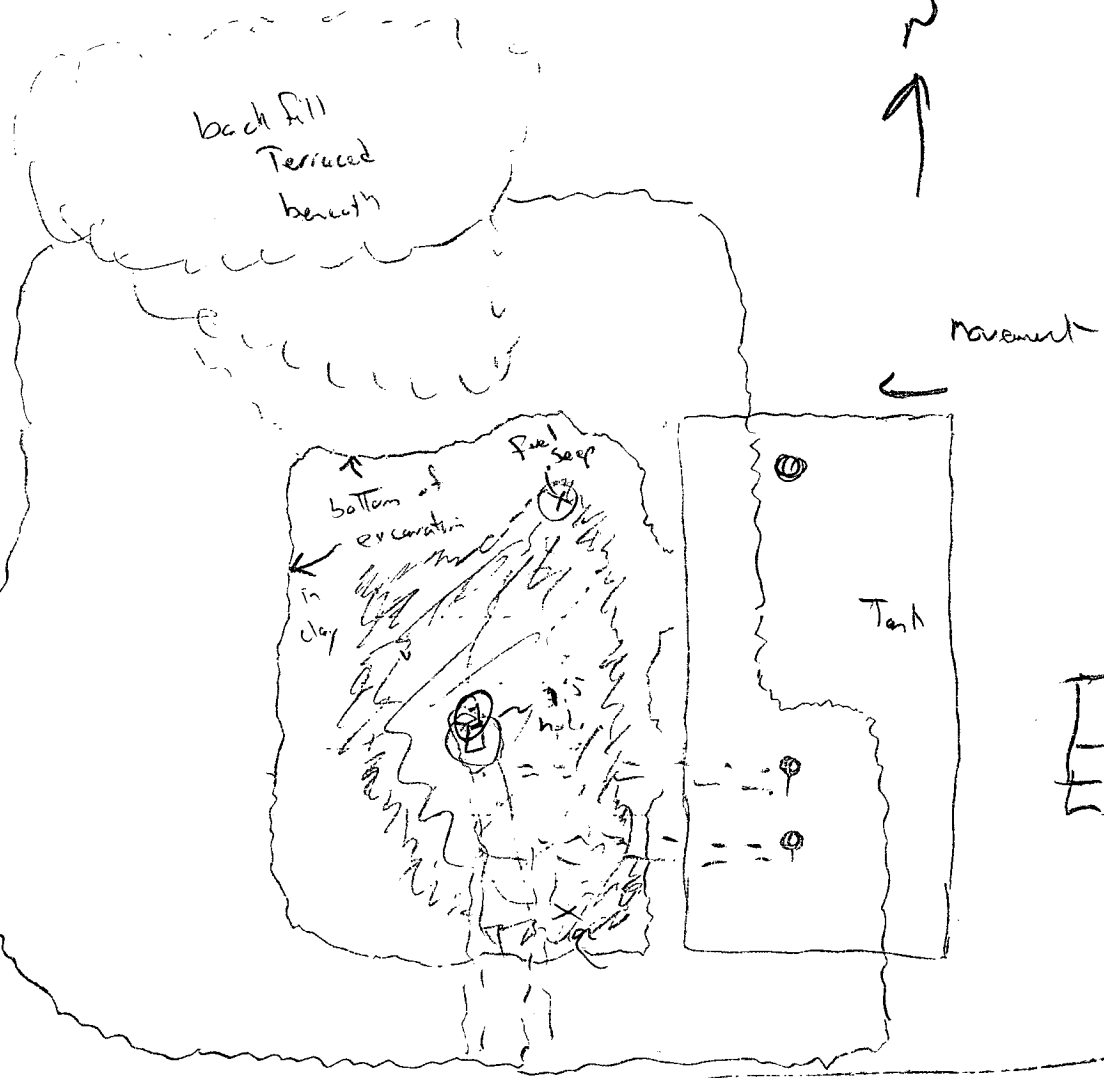
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f-22-88 Contact with Tim Radunz of Heavy Truck Terminal
- requested that he go ahead & contact Braun
Engr. as previously discussed. Sal Gony
needed to determine extent of contamination north &
south of removed tank unit - in areas where
contaminated soil could not be removed due
to remaining tank unit.
Also asked that he contact our office when
a date for being is set so I can arrange
to be on site.
Soil Vapor Monitoring logs needed -

f-26-88 Gery Trout Braun Engr - called
- borings set for making Sept 5-88
Thurs, Wed or Thurs -
to be impite with steel pipe - 253-9940

⑤ At 1, ~1.5' depression
 collecting product pumpkins
 Product in drums with
 fuel tank pan

dig all cabinet
 down
 dig on N side
 & W side
 some cabinet
 under tank(s)
 to east, pass to
 ground surface



clay ~ 11' deep

