SDMS US EPA REGION V

COLOR - RESOLUTION - 3

IMAGERY INSERT FORM

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SITE NAME	Sauget Area 1
DOC ID #	149583
DOCUMENT VARIATION	____ COLOR **OR** __X__ RESOLUTION
PRP	RMD - Sauget Area 1
PHASE	ERR
OPERABLE UNITS	
LOCATION	Box #___ Folder #___ Subsection_____
PHASE (AR DOCUMENTS ONLY)	___ Remedial ___ Removal ___ Deletion Docket ___ ___ Original ___ Update # ___ Volume ___ of ___
COMMENT(S) Site Log Book	

I

SITE ID # 4V

149583

RECORD

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		OT
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TUE	10	2
WED	11	3
THU	8	
FRI	8.5	0.5
	40	10

W.E. 5/13/95

MON	8
TUS	8
WED	12
THU	11
FRI	60.5

309

(309) 692 4422

CPSA 38

800/8928349

ictor 6/15
2H FOR 800/421 2110

4 hrs to
Site G
on 6/14/95

TOS-9505-007 Sauget Landfill, Site G 03/20/95
EIL08 FAA Perimeter walk-through.

1730 OSC Sam Berries, R.M. Ken Braig and TAT m Sirhar arrived at Site G
Scheduled activities:
- Site preparation
- discuss perimeter sampling procedures.
- OSC indicated that the South sidewalk of Queeny Avenue was contaminated based on sample results of assessment activity performed by U.S. EPA's TAT.

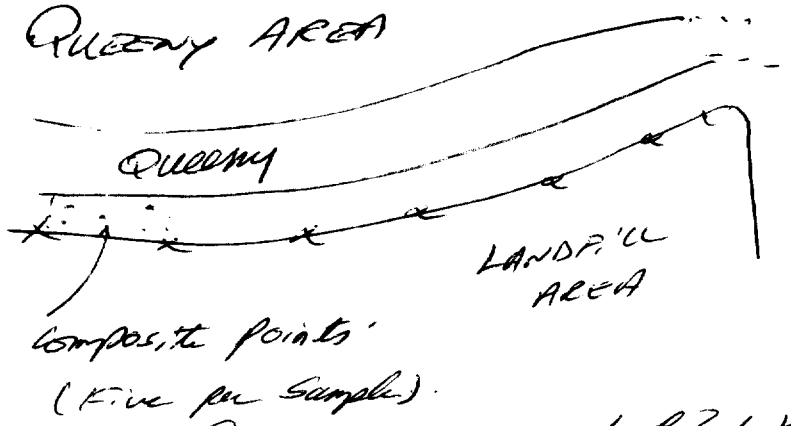
1800 All teams departed site for today

3/20/95

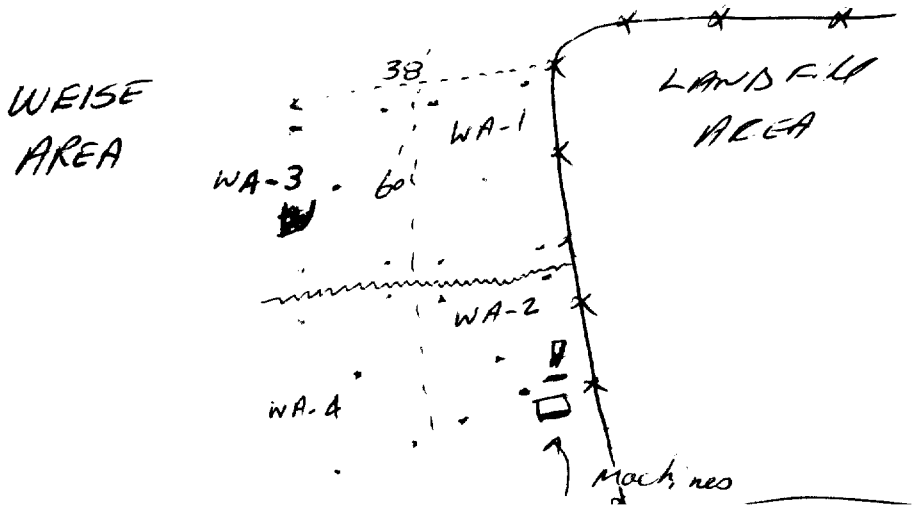
TOS-9503-007 Sauget Landfill, Site G 3/23/95

0630 OSC Barries and TMM arrived at Site G
Weather, Sunny, temperature @ 53°F,
winds out of the west gusty at times.
Scheduled activities:
- Sample the sidewalk of Queeny Avenue
- Document site conditions.
- Arrange for removal action (OSC).

0715 @ sidewalk of Queeny (Queeny Area)
The area is ~580 x 15'.
divided into 10 grids (~60 x 15).
Composite samples were collected out of
five allouquots as shown below
A total of ten samples QA-1 thru QA-10.



0830 Completed Queeny Area, started Weise
Area; The parking lot of Weise
Engineering Co. (as shown below
Four samples were collected WA-1 thru WA-4



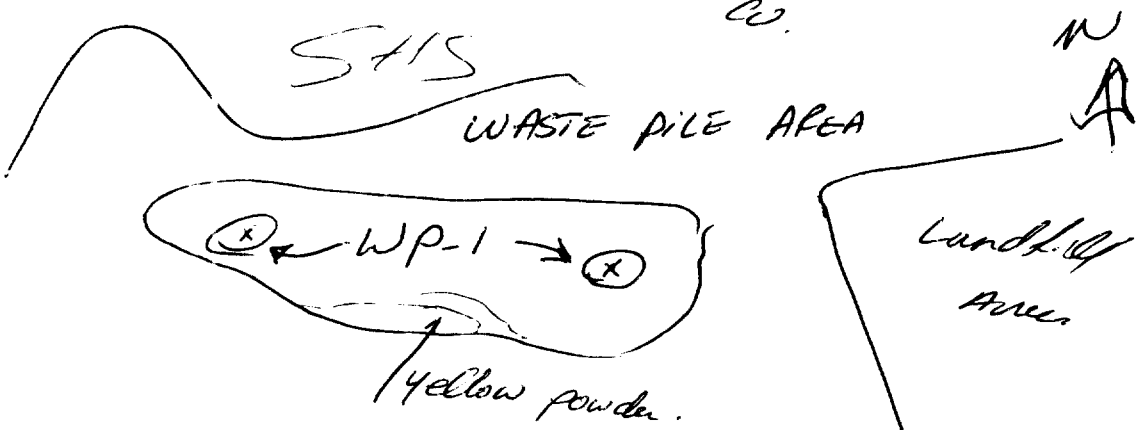
T05-9503-007 Sauget Landfill, Site G 3/23/95

EIL-08

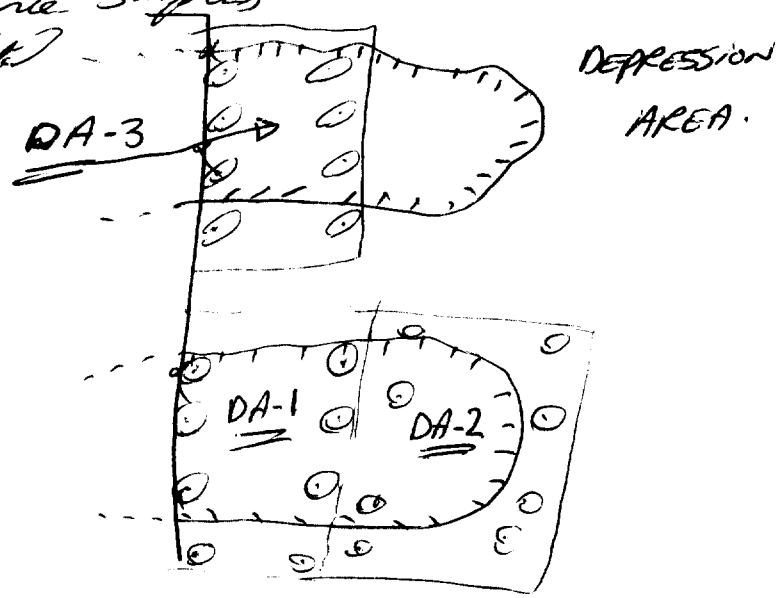
0850 Completed Weise Area (grid is not ~~precise~~ SS precise.

0900 Started Sampling Waste pile on the northeast corner of the site.

~~Two Composite~~ S.S. One Composite Sample WP-1 was collected 0-6" Composited from two location as shown, Yellow powder was found at the pile was also incorporated in the samples. ~~Wies~~ Weise Co.



0920 Completed Waste pile Sampling is completed started Sampling the depression Area (DA). on the east boundary of the site as shown. Grids were ~ 75' x 80' Total three Samples were collected



TOS-9503-007 Sanger Landfill, Site G 3/23/95 TOS-9503-

EILØ8 EILØ83

1000 Completed Sampling the perimeter of the Site

1400

General Comments

- Black layer was documented 4-6" deep at Queeny Area and Weise Area.
- Small pellets color green, yellow and amber brown were found at Queeny and Weise Areas.
- Smelter-like by-Products -(slag) was found at Queeny area. The material looks like Copper.

1515

1030 Headed back to Site R.

3/23/95

TOS-9503-007 Sauget Landfill, Site G 3/23/95

EIL083

1400 After getting the rental car, TMT returned to Site to assist Recall Response Manager in homogenizing the Samples and preparing Splits for Dioxin and PCB analysis
Dioxin & PCB analysis will be performed by different labs (ERCS procurement).
The Samples were emptied from the 8oz Jars into an unused disposable plates homenized then splitted into new 8oz Jars (half-full); one 4-ozs for PCB and another 4-ozs for Dioxin analysis.

1515 Work was Completed. R.M. departed Site TMT departed Site. Samples were taken by R.M. for shipping to labs

[signature]
3/23/95

TOS-9503-007 Danger Landfill, Site G 5/30/95
EIL#83 FAA

0700 TAT arrived at site. OSC and ERCS crew at site. ERCS crew, one Response Manager, Ken Bley, one equipment operator, and one Cleanup tech. Weather - cloudy, temperature at 40°F, Calm winds at ~5 mph from the South East.
R.M. holds a tool-box safety meeting.
- trip/fall, pinches, cut
- chemical found PCB, dioxin, organic compounds.
- NO on-site work. work will include support zone setup for today
ERCS operator arrived w/ flat-bed truck and 2-ton truck mobing 580E backhoe (1st piece of equipment @ site).

0730 OSC explains the plan for today:-
- setting up support zone by spreading gravel on the northwest corner of the site
- hookup a 20' g.d. for truck traffic
- continue mobilization of personnel and equipment
- OSC recommends to leave the original site fence contact.

0800 TAT departed Site G for Site Q to bring OVA + Rad meter for perimeter air monitoring at Site G. TAT also went to buy radio tapes for radio-chec. of initial site conditions.

0830 At site firing up OVA + Rad meter. Air monitoring around fence post-holes and inside the holes (perimeter of site)
OVA @ 1PPM background readings of hole cuttings and inside the hole is 1PPM (background) Rad reading were all background.

S

T05-9503-007 Gauget Landfill, Site G 3/30/95
EIL083 FAA

Rad readings around the bright-yellow material at the Waste pile Area (WP) is background 0.01-0.02 mR/h
OSC was informed.

0849 TAT started vedio-photo-doc of initial site conditions.

0915 TAT completed vedio and photo-docs of initial site conditions.

0940 TAT called office.
ERCS laborer continues to prepare for installing fence-gate. Air monitoring down-hole indicates no OVA above bag background.

1000 R.M is back with supplies (see equipment expendable logs)

1205 TAT completed running ENSYS for a sample collected from the S.S. west fence line.
Test results are the following.
OD reading for standards is -0.02, acceptable
test 1ppm OD reading is -0.65
5ppm OD reading is -0.63
25ppm OD reading is -0.50
100ppm OD reading is -0.95
⇒ Sample contain PCB at or greater than 100ppm

1205 Back at Site G, Don Bruce and Ben Kush are at site meeting w/ OSC Barrier.
OSC was informed of ensy results

1327 ERCS crew completed planting fence posts for the gate, and departed site G for site Q to load up supplies going back to their warehouse.

[signature] 3/30/95

TOS-9503-009 Sauget Landfill, Site G 3/30/95

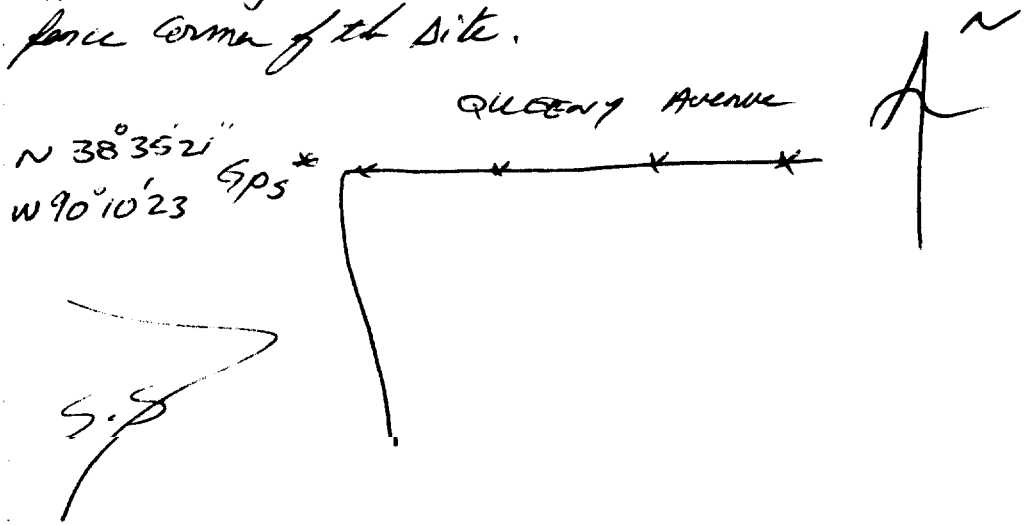
EIL083 FAN

1400 OSC & EPA visitors are back from lunch
TAT requested OSC's permission to pick up EPA1098 from the repair shop and go for lunch

1415 TAT departed Site to pick up EPA 1098 from Ron's Automotive in Collinsville (~15) and return the rental car at Glen Carbon (~10 miles).

1534 TAT picked up EPA1098, returned rental car and returned to Site. No body at Site at this moment parties may be at Site Q.
TAT called office to let Vehicles Manager know about EPA1098.
TAT called 1800-531 2257 for a message left on Cincinnati office.

1537 TAT collecting GPS data
GPS reading was collected at the north west fence corner of the Site.



1600 ERCS personnel mobilized the office trailer from Site Q to Site G. OSC is back at Site after a walk-through of the Site with visitors (perimeter walk).

1737 ERCS crew started digging a 1' trench for the utility water from the F. hydrant across West Parking lot to the the Northwest corner of the Site

T05-9503-007 Sauget, Site G 3/30/95 T05-950

EIL033 FAA EIL033

Subsequent air monitoring in the trench with 0645
OVA ⇒ 30-70 ppm for longer than 3-5 0650
minutes, In the breathing zone reading were
background 0 ppm. OSC was informed 0700
Peaks of 100+ ppm were maintained at ~~[illegible]~~
ground level inside the trench for more than
2-3 minutes.

1755 Air monitoring in the breathing zone and
downwind from it indicates 0 ppm.
Inside the fresh cuts of the one foot trench 0715
is still in the range of 30-70 ppm. Reading
substantially drops to 0 1 to 1.5 feet off
the trench bottom. OSC was informed
OSC + R.M are placing 2" pipes along the
dug trench. Work is still in progress.

1844 One hydraulic line on the 580E was broken 1000
(on the backhoe end). Excavation of utility
trench is 20' from completion, line was
extended to 20' before the end point.

1920 All teams departed site 1200

END

3/30/95

1444

T05-9503-007 Sauget, Site G 3/31/95

EIC033 FAA

0645 TAT arrived at Site G, OSC at site

0650 ERCS crew at site (one operator, one labour and a response Mangle)

0700 Weather, partly cloudy, temperature at 45°F calm winds from the northwest at ~5 mph.
R.M. conducted a short safety meeting for crew working @ site G, discussed slip/fall, cut while fitting H2O pipe and fence gate, no on-site (hot zone) work.

0715 TAT m Sinha and ERCS OPS. B. Nagel departed Site G for Site Q to excavate Grid # LB-35 where [PCB] > 25 (133) ppm.
OSC, R.M Ken Braig and ERCS labour Kevin stayed at Site G to fit the 20' gate and continue working on the H2O line

1000 OSC at Site G, ERCS changed hydraulic hoes on the 580E, ERCS departed site to bring the 20' gate. ERCS did some housekeeping.
TAT delivered Sample # LB-35-SECOND for Site Q for ERCS to deliver to lab today.

1200 TAT is at Site G from Site Q, informed OSC of the progress at Site Q, informed him that 10 loads of dirt is not enough to smooth out the slope of the landfill excavation with the neighbouring areas. He said, get more dirt 2-4 more loads, OPS was informed.

1444 ERCS R.M K Braig and labour are off-site.
This entry was made at Site Q location by TAT.
R.M K. Braig said that the following took place
1- Gate is completely installed
2- Mr Raker arrived at Site G to deliver the USSP; was there for 15 minutes and departed.
NO more work is taken place here

[signature]

TOS-9503-007 Sauget, Site G 4/3/95 TOS-95

EIL08 FAA EIL08

0645 TAT departed Chicago Area for Sauget, IL 1500

On-going weather:

Cloudy. temperature @ 45°F, no rain.

TAT drove EPA 1098.

1215 TAT arrived at Site, ERCS Crew at Site; 1520

ERCS ops B. Nagel, ERCS laborers Rex and Kevin. R.M. Ken Braig is at Site. Ken Said that OSC Barnes called him and Said he'll be at the Site area @ 1400 hours and ERCS should continue installing the H_2O line.

ERCS mobilized J.D. 655B track loader to Site. Item is added to Equipment List, See files.

R.M brought copies of OSSP. ERCS is in 1530

tool box meeting. topic discussed:-

- work will be performed in level C unless up-grade is warranted.
- Trip/fall
- Puncture 1600
- working around heavy equipment were discussed. 1700

1248 TAT departed Site for lunch.

1310 Back on the Job

1400 LF2800 Truck hose was delivered to the Site, Rental from Belt-Link, Inc..

1410 Work on the water line Started 1730

1445 Air monitoring using OVA EPA Decals Inside the H_2O line trench reading on 30-40 ppm, in the breathing zone (~ 2-3') above ground level is background 1 ppm workers are advised to stay upwind and out of the hole

TO3-9503-007 Sangat, Site G 4/3/95

EIL#8 FAA

1500 ERCS ops dug out pieces of cardboard marked with "AROCLOR 1260, and AROCLOR 1248. TAT photo-doc the event. OSC arrived @ Site.

1520 Paul Sangat, Mayor of Sangat City arrived at the Site. OSC Bonnes talked to him, Mr Sangat stated that the temporary H_2O line requires a permit. OSC stated that the line is drawn for the fire hydrant and it is 12" (inches) below ground level. OSC informed TAT to copy the Mayor's name on all POLREPS! OSC will provide names & numbers for those parties. TAT is working on POLREP #2.

1530 A union representative arrived at Site. The Union rep. talked to R.M. K. Baig.

All RESOS personnel at this Site are Union members.

1600 TAT compiled a draft POLREPS No 2 and No 3 for Site G and R respectively.

1700 ERCS stopped work for today, departed Site. OSC, R.M, and TAT in a work order meeting. W.O. was completed. TAT started reviewing OSSP. OSC started reviewing Air Monitoring Program.

1730 All teams departed Site

4/3/95

TOS-9503-007 Sawyer, Site G 4/4/95 TOS-9508

0700 TAT arrived on site
Weather Cloudy, Cold, ~40°F, high around 50°F. No rain
ERCS crew arrived at Site. OSC present. 0810
@ Site.
G. Raber started a Safety meeting..
discussed 823
1) Contaminants at Site, PCB, Industrial 0900
Phenol & Solvent 0945
DNAPL
2) Physical Hazards including uneven Terrain, ergonomics, tripping, pinch point. 1040
3) Discussed hospital route. OSC recommended having a second hospital 1201
Considering an accident during morning and afternoon rush-hour.
4) Raber discussed levels of protection C for Soil excavation, B for Site prep.
5) OSC warned against Smoking at the landfill. 1230
6) OSC decided to have crews @ parking lot as a gathering point. 1300
following an accident
750 meeting was concluded.
0800 OSC discussed comments on SSP
- add level B protection
- Sign for chain handling & Liquid Sampling
- Air monitoring program to be mentioned in the SSP 1441
- Controlled entry/exit point to hot zone.

Sawyer 4/4/95

TO5-9508 Sauget, Site G 4/4/95

- OSC discusses vagrant exist exit.
upwind to Wiese parking lot. SS

0810 Portable Johnnies were delivered to the C.P.
OSC continues to discuss SSP w/ Packer
- OSC requested hospital route map.

828 TAT started working on cost documentation.

0900 TAT completed 1900-55 for site G.

0945 TAT started incorporating OSC's comments on
Pockets #1+3 for sites G and Q respectively
TAT prepared a waste disposal summary table

1040 TAT collected photo vedio docs of site G
and clearing & grubbing work. SHS

1201 All cost and pocket paperwork on OSC's desk for
review. SHS

ERCS crew departed for lunch
ERCS R.M K. Braig & Operator Rex arrived at
site with plumbing supplies (PVC pipes) see
equipment log sheet for details. SHS

1230 TAT off-site for lunch, ERCS off for lunch

1300 Back on the job SHS

(Down-Range) Conduct air monitoring for VOCs
Background reading 3-4 ppm, wind is blowing
from CERRO copper direction, stack smoke is
blowing smoke and vapor which swirlles down
at the site area. Reading near equipment and
ERCS personnel installing the water line in background
TAT observed some battery casings pieces
TAT is out side hot zone. SHS

1441 ERCS crew are doing the following:-
- Installing 400' 2" PVC pipe for dust suppression
and fire fighting water. SHS
- Clearing & grubbing the C.P. area.

Sam Sarkar 4/4/95

TOT9503-007 Sauget, Site G 4/4/95 TUSC TOS-95

1520 TAT departed site to get stress drink. 0700

1530 TAT is back

- reviewing draft ERCS 1900-55 for 4/3/95

1615 Completed review. 55 - Contained adjustment for 3/20 and on. SHS

1630 Down-Range Air monitoring OVA reads 30-40 ppm at 1-1½ foot level off the ground in the excavation near the site gate DOWN WIND FROM that work area reads the same. IN Breathing zone reading or ~~to 10~~ 1 to 10 ppm. ERCS are in level C, level SS is okay w/ SSP. OSC was informed. 0730

1715 OSC requested a sample to be collected from a yellow and grayish looking clay-like material. OVA read ≤ 50 ppm over the material Sample was collected 0800

ERCS crew on SS installing the water line inside the fenced area.

1750 TAT Completed WORK Report 4/4/95, and W.O. for 4/5/95

1800 ERCS crew departed site.

1815 TAT organized site files.

1820 Departed site, OSC departed site

END of Day

0900

[signature] 4/4/95

T05-9503-007 Sauget, Site G WED 4/5/95

0700 TAT arrived at site. ERCS Equip operator and ERCS laborer at site. OSC arrived site.
WEATHER - Cold, partly cloudy, will be clear sunny highs of 60°F.
OSC conducted a tool-box meeting, explain scheduled activities and corresponding hazards. Stay in level C with eye-protection. Hot zone work is in level C.
Operator + laborer started work.

0730 TAT is down range. OVA readings for background is 1 ppm work zone 1/2 foot off the ground 5-10 ppm (present temperature is 39-41°F).
OVA is continuously reading the support zone readings are background

0800 ERCS operator is grading on the west fence line uncovered blue granular material. Radiation survey using Rad meter Victoreen Thyvac III is normal for natural background 0.01-0.1 mR/h. 0-200 C/m. Over the blue material no radiation activities. TAT search stockpiled soil for labels, notes, documents. TAT came encounter w/ snake, ERCS laborer Kevin killed the snake photodocumented that. TAT collected an 8 oz jar sample from the blue material. OSC requested additional 16 oz. TAT will collect.

0900 TAT INSIDE HOT ZONE, ERCS ops uncovered yellow granular (pellets-like) material, TAT collected a sample, NO Radiation activities over the area TAT found documents relating to GUN show held by the U.S. Army Training Center dated 11/12-13/1960 OSC was informed.

[signature] 4/5/95

TO 5-9503-007 Sauget, Site G WED 4/5/95

EIL083 FAA

0955 ERCs operator uncovered empty 50lb bags labeled "Santomerse NO 1, Division of Chemical Plastics, MANUFACTURED BY MONSANTO, St. Louis, MO. TAT collected a picture of that bag.

1015 TAT filled OVA w/ H_2 and setup a stationary monitoring station to protect the support zone since winds are blowing from the southeast across the site and onto the support zone. Readings are taken at the height of the breathing zone 3-3½' off the ground. Readings are background so far.

1100 DOWN-RANG, TAT spotted the trackhoe for uncovered documents for PRP search, move "MONSANTO" labled bags,

Stationary air monitoring location reads background (downwind from the operation area

1120 TAT collected a sample from bright ~~organ~~ orange material found on the west side

1150 ERCS crew are clearing and grubbing the C.P location inside the fence area (one operator + trackhoe), TWO laboress are cutting trees. Approximately 65-70% is completed of the area designated for future command post location. The area will be backfilled with clean soil and a layer of #2 gravel. Winds still out of the southeast blowing across the site and onto the support zone, OVA reading in the breathing zone are background, no visual dust migrating off-site. Dust control measures are in the works.

1200 TAT collects vedio-documentation of the cleared area lots of colored material (bright colors).

1220 Completed vedio-docs.

[signature] 4/5/95

TOS-9503-007 Sauget, Site G WED 4/5/95

EIL033 FAA

1225 TAT departed site to make photocopies, get an arrange for equipment loans (Hivol, Gillians, ...) and meet w/ St. Louis ATATL.

- Met w/ D. Kinketh, every thing is in place awaiting OSC's request ~ maybe TUSE 4/10-11/95.

1420 Back on site, OSC request photo-vedio docs of the newly unconvered area lots of colored material a drum of black sludge was uncovered. Brown-solid material similar to that bearing PCB at Sauget Site Q was found at site G.

TAT collected five samples from orange, yellow black-sludge and brown solid material. The fifth sample was collected from asbestos-suspected material. The material is friable and non-friable. OSC was informed. more to follow on this subject.

1550 Completed hot-zone work and exited. OSC requested TAT to review 1900-55.

1600 Started review for ERCS 1900-55

1615 TAT completed review, handed comments to OSC

1635 Support zone air monitoring using OVA. Readings are background. H_2O line is faulty, ERCS are working on correcting the H_2S problem. ERCS operator using Truckline cleaning and grubbing the site area. Approximately completed 80X130 square feet. work is on-going.

1715 TAT into hot zone, support zone readings are background. Winds still coming from the South East onto the support zone.

TAT collected vedio-docs and photo docs.

1810 TAT out of the hot zone. OSC & R.M prepared Work order for 4/6 and work report for 4/5/95

[illegible]

TO5-9503-007 Sauget, Site G WED 4/5/95

EIL083 FAA

1830 ERCs are shutting down the H-2 operation Backlog.. 580E backhoe was demobilized off-site on 4/5/95 @ 1645 hours.
TAT deconed all samples & docs found at site for storage.
All teams departed site
END OF DAY

Sam [illegible] 4/5/95

TOS-9503-007 Sauget, Site G 4/6/95

EIL#83 FAA

0700 TAT arrived at Site
Weather: Seeming to partly cloudy, temperature at 46°F, winds out the southwest.
Highs will reach low 70s.

0710 OSC Barnes goes over work Order and corresponding Safety hazardous.
Tail-gate Safety meeting is completed.

0725 ERCS Suited up in Level C, crew is 2 operators, one laborer and a R.M, Ken Bring equipment utilized. 2800SL truck here and later will be using JD 566B loader.
TAT fired up OVA, completed preliminary check and initial calibration for today changed metal filter. Running Okay.

0800 TAT is down-range. OVA readings are background in the hot zone and the support zone.
Clean dirt started arriving, so far 8 trucks. Kenia Hamm is logging these trucks. TAT is monitoring.
ERCS operator w/ 2800SL Trucks is grading the c.p. area.
TAT collected vedio-photo docs. TAT collected 2 X 16 OZ for sample from the clean dirt being delivered. Full scan for VOCs, semi-VOCs, metals, PCB + Pesticides.

0855 Total # of trucks ~~are~~ S.S delivered is 12 trucks

0915 Number of trucks received is 15 trucks

0930 TAT started 1900-55 for site G for 4/4 + 4/5

1010 1900-55 completed on OSC's desk for review

1015 Worked on POLREP #2 for site G and final POLREP for Site Q, Completed
# of truck of clean dirt so far is 26 trucks

4/6/95

Sawyer, Site TAKS 4/6/95

EIL 98 FA

1109 Two more clean dirt trucks arrived
Total is 28 trucks.
grading operation is on-going. ~~soil (Contaminated)~~ S.S
Contaminated Soil Stockpiling is on-going
ERCS Formation
2 operators on JD 655B for clean soil grading, and 2800SL Backhoe pushing Contaminated dirt deeper into the site.

1115 One more truck of clean dirt pulled in
total is 29 trucks.

1122 TWO clean dirt trucks arrived. Total 31 trucks. Three more pulled in Total 35

1140 Three more trucks arrived. total 38
TAT called Chicago Warehouse to borrow a hazcatting kit, the kit is ~~avai~~ S.S available will pick it up Saturday 4/8/95.
TAT documented air monitoring down wind from site activities (South east + North east) for dust and VOC vapors. all reading were collected near the east-side fence.
Ace readings were in the range 1-2 ppm (background is 1ppm). dust generation is background 0.01 (max) mg/m³.

1200 TAT departed for lunch, ERCS are off for lunch

1300 Back on the job
total of four trucks of clean dirt arrived at site. Total is 42 Trucks.
Total trucks is 43 Trucks.

1310 Total Trucks 44 trucks

1320 TAT is down-range collecting photo-radio docs and monitoring contractor performance

TOS 9503-007 Sauget, Site G 4/6/95

EIL#83 FAA

1350 TAT completed collecting vedio-photo docs. Clean soil grading is on-going, approximately 85% completed
First load of gravel from Site Q has arrived.

1400 The first load was not from Site Q, it was hauled from the quarry

25.5 1430 TAT completed finalizing POLKEPS for Site G & Q and completing 190055 for Site G.

1435 OSC + TAT entered hot zone, TAT collected photo + vedio documentation.

1515 Out of the hot zone. Lots of asbestos-like, or material appears to asbestos on the east side of the site. Lots of oil pits, free phase oil in moderate to large quantities.

1540 OSC switched 2800 SC and JD 566B operators due to timely operation needed with the JD-566B and lack of experience on the part of the original operator. Operations resuming smooth, No additional drums.
JD-566B operator is in level D, TAT recommend level C due to suspected asbestos.

1600 Periodic air monitoring for VOCs with OVA
Reading in Support zone is background (Support zone is upwind, winds from southwest) slightly downwinds along the northern fence line is background. All ERCS personnel inside hot zone are in level C now.

1620 Winds changed direction, now coming from Northwest
Readings downwind from the site (Southeast fence line) is background, Readings in Support zone are background.

[signature]

TOS-9503-007 Sargent - Site Q 4/6/95

EIL #860 FAA

1630 Loads of gravel from Site Q are still being delivered. So far Seven trucks have been delivered.

1645 Total of trucks of gravel from Site Q is 8 truck, TWO trucks were loads from the quarry.

1700 OSC requested (three to four) all monitoring wells inside the fenced area to sampled. All samples including a chip & a field blank to be analyzed for the following:-

priority pollutant VOCs
" " Semi-VOCs
PCB + pesticides.
Mercury & total CN

OSC requested that R.M. K. Bering to find out from the lab the required volume for each analysis. R.M.K. Bering called the lab and got a list of volume requirements

OSC requested R.M. K. Bering to find out total volume requirements for full scan analysis + a text be handed to the Response Manager.

1715 OSC & R.M. K. Bering talked about the subject of 1700 entry. No further TAT's involvement needed.

1745 TAT called video + photo docs of site support zone setup (During)

1800 ERCS personnel departed site.

TOT-9503-007 Sauget, Site G 4/7/95

EIL0B60 FAA

0630 TAT Sinha @ Best Western, EPA1098 is disabled
Paged OSC to inform him of the car trouble I'm
having. Call Chicago ATATL, approved car rental

1040 Got the rental car drove to their office to complete
paperwork.

1100 Drove to Site with rental car.

1130 Arrived at Site.

PRIORITY LIST of things to do

- AMMEND POLREP for Site G & Q.
- Segregate PRP evidences and put in ziploc
baggies.
- Prepare soil samples for shipment.
analysis PCB + pesticides, semi-VOCs
and metal (not decided yet, OSC will
confirm.
- OSC informed me that
Andrew Hankins visited the Site and
OSC provided him with a signed copy of
the access agreement
- IEPA reps P. Tackas and T. Ayers
visited the Site OSC completed a hot zone
tour for them.

1200 - TAT started working on the priority list.
- Completed draft POLREPS No.s 2 & 3 for
Site G and Q respectively. Draft with OSC for review
- Completed 1900-55 for 4/6/95, approved
by OSC
- Collected all documents found in the uncovered
waste per OSC's instruction. Work Complete
- No lunch for TAT.
- ERCS are completing spreading gravel
over the common post area.
received a total of 11 loads of rock

TOS 9503-007 Sauget SIT @ 4/7/95
EIC #860FTP
1400 IEPA P. Tacker & M. Ayers
departed site.
OSC departed site for Lansing
Chemical to bring the orange
fence.
1430 OSC is back with the
orange fence.
OSC completed reviewing POLREPS
they are okay to go.
1500 ERCS crew ~~had~~ departed
site. No bench. S.S work area
was secured.

[signature]

4/7/95

TDS-9503-007 Sauget, Site G 4/10/95
EIL Ø860 FAA

0530 Departed Chicago Area for Sauget Landfill Site G.

Weather:- Rainy, temperature is 42°F, some sleet and freezing rain. Winds gusting @ 25-30 mph.

0900 Arrived at Collinsville, IL area picked up equipments traveled to Best Western over the weekend

0930 Arrived at Site Debbie from ERCS is at Site. R.M K. Bracy is at Site Since 0700 today, also present Rex and Kevin. Hemm.

R.M informed me that B. Nagel departed Site to deliver the asbestos sample to the lab

Weather Condition @ Site Area

Partly cloudy, temperature is 49-50°F, winds out of east, (Wiese and Support Zone are downwind).

TAT fired up OVA Unit #2.

Readings in the support zone are background

Readings directly down wind from work area are background.

ERCS crew is excavating contaminated soil just South of the graded support zone.

R.M informed me that electrical company people were out here, they said a power pole will be installed by 4/11/95 and the rest of the work will be completed.

0935 TAT entered hot zone, level C started hazcatting the one-gallon container

results indicated that PH 7, arsenic-containing liquid, lots of Arsine was liberated.

Yellow solid container is combustable solids

[signature] Scher

TOS-9503-007 Sauget, Site G 4/10/95 To

EIL0860FAA E

1200 TAT out of hot zone.
OVA readings for S.S. Support zone are background
No visual dust is observed, winds are slowing down ~5mph, less at times, still coming from the east and southeast.

1300 A delivery of two office trailers has arrived, trailers are being setup in the Support zone 15
ERCS crew uncovered black-tarry material
The material ~~has look~~ visually, looks like the uncovered drum on the northeast side. But, the material was not organic and did not register on the OVA like the drum content. The tarry material is dark-brownish type of black. It could be the origin of the dark brown solid ~~wt~~ which is the source of PCB at S.S. Site Q and G. ~~Assay~~ A sample was collected for further analysis upon OSC's request 160

1420 TAT collected photo doc of the dark-brown tar, as well as collected vectio doc
TAT organized part of the decon trailer to be the air monitoring equipment section. will need an equipment table for more organization.

1500 ERCS operator on the 2800SL stopped work to assist in setting up the shower trailer
No operator hours beyond 7.5 hours, 1/2 hour lunch.
The remaining scheduled work for today is the following

TOS-9503-007 Sargent, Sgt G 4/10/95

EIL0860FAA

- Shower trailer setup
- prepare for receiving clean backfill on 4/11/95.
- hook up telephone line, oversee the hook up by Ameritech representative.
- After that all personnel will leave site in preps for 4/11/95 work.

1530 TAT is drafting a work order for OSC's review.

Ameritech representative is working on the phone lines.

The rest of ERCS are setting up the shower trailer.

ERCS crew departed site except for R.M. Brady overseeing telephone hookups

1600 I departed site, R.M departed site phones are hooked up.

END of day

Gary Sargent

T05-9503-007 Sauget, Site G 4/11/95
EIL Ø86Ø FAA

0700 TAT arrived at Site
Weather: Cloudy, temperature is ~50°F, Winds 7-10 mph from the Southeast.
ERCS crew (one laborer, two operators and a R.M.) at Site.
OSC Sam Barnes is at Site.
Scheduled work for today
- receive clean fill and spreading it as a buffer zone around the support zone.
- Complete Command post setup (Electricity shower trailer setup)
- Continue clearing and grubbing.

0730 TAT is reviewing draft 1900-55 for 4/7/95
Review is complete, hand-held radio changes are eligible. The rest of changes are okay

0745 TAT collected radio + photo docs from hot zone

0830 Clean fill started arriving.
Total trucks is 5 trucks
Air monitoring for organics, no visual dust and ground are evel from yesterday's rain
OVA reading in hot zone and down wind from work area is background.
~~A~~ 5 total clean fill trucks is nine trucks

0905 total number of trucks is ten trucks
ERCS crews (two crews)
One-operator using JD655B to spread the clean fill. One-operator using 2800 SL to excavate contaminated soil and stockpiling that into the depressioned area of the Site

[signature] 4/11/95

TOS-9503-007 Sauget, Site 6 4/11/95

EIL#86ØFAA.

0915 total No. of clean fill is 11 trucks.

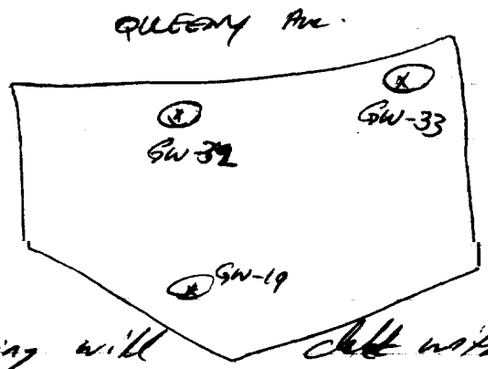
~~0940~~ TAT and response manager completed a field

1040 Survey of existing monitoring wells for sampling purposes.

~~OSC~~ S.C. All monitoring wells were found

GW-32, 33, 34 and GW19 all of which on-site OSC determined to sample the following

- GW32
- GW33
- and GW-19



the remaining will deal with later on.

OVA, O2% readings in hot zone (breathing zone are background

OVA, O2% reading around well casings are background.

1045 Total No. of clean fill trucks is 24 trucks

1050 Total No. of clean fill trucks delivered is 25 trucks.

1100 Total No. of trucks is 27 trucks.

1115 Analytical results are back. High levels of PCBs were detected around the corner of Queeny Area and Wiese Area. The Waste Pile Area WP, is hot @ 115 ppm PCBs.

1155 Total No. of clean fill trucks is 36 trucks.

1300 Total No. of trucks is 41 trucks.

ERCs crew is working on extending H2O line to the shower trailer.

~~#1 120 from~~

#1 is 120' from West fence or Command pos'

#2 is 40' from #1

#3 is 102 from #1

TOS-9503-007 Sauget, Site G 4/11/95
EIL0860FAA

- Backlog:-

1230 I called Cincinnati office to see if ATACL/Chicago got an approval to fix EPA 1098. I called the Vehicle Manager, Steve Shadix. Steve said no approval yet, and I should continue to keep the rental car until I hear from Steve regarding the EPA1098

1430 OSC ~~and~~ SS & TAT similar tried to locate E. Hankins property; 197' along N-S line, towards South from two points one East of Weiss's and other west of Weiss's. both points @ 197' line map with a big tree across in the site OSC stated that this doesn't agree w/map

1500 ERCs stopped work for today due to ~~[illegible]~~ enclement weather, rain. ERCs S-S departed site

1515 R.M. Ken Brady departed site

1600 OSC + TAT departed site

T05-9503-007 Sauget, Site 6 4/12/95

EIL0860FAA

0700 TAT arrived at site.

On-going weather :- Cloudy, rain is expected along with snow flurries. winds out of West. northWest

Scheduled activities

- Test pits in the landfill body.
- Well preparation, purge, and preparation for sampling
- Test pits depth will range to water table (10-15 feet).

OSC informed CERCO Copper and Wiese that in case of emergency they'll be asked to evacuate

OSC requested TAT to start preparing the monitoring wells for sampling.

0730 OSC conducted tool-box safety meeting

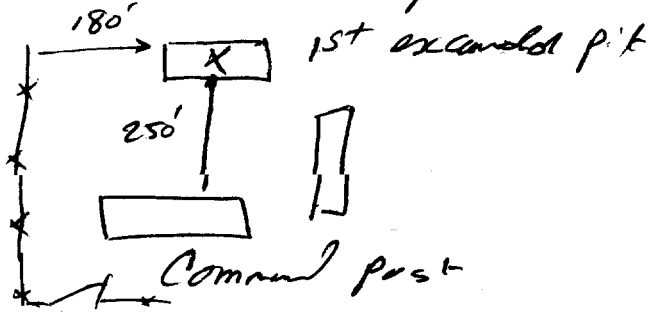
Topics are the following

- Cold stress
- trip/fall
- While excavating test pits, put level C on and if warranted level B should be ready warm.
- spotter should be up-wind at a safe distance
- all personnel must be up-wind
- Watch out for snakes

0740 TAT & ERCS K. Hammes started surveying Monitoring wells in level C

Reading around the well casing was 1000 ppm, All crew was upwind. Readings didn't decrease. TAT and ERCS labours evacuated hot zone immediately

Informed OSC of the need to level B
Geared up in level B, Kevin in Level
B.
Reading showing a decrease to 10 ppm
in casing and 1 ppm in breathing
zone. TAT collected well volume
measure.
GW32 Water at 13'3", Bottom @
23'9"
GW33 Water @ 11'3" and bottom @
24'5".
Calculation were based on 5 well volume
for purging
0920 St. Louis TAT arrived at site
OSC updated and informed for health
and safety. Joe Davis started
Purging wells with / Kevin of ERCS.
1000 Crews down running
ERCS and TAT have formed two teams
- First team (Monitoring wells Sampling team
Joe Davis of St Louis TAT and Kevin
Hamms of ERCS are purging monitoring well
#s GW32 + GW33. Sampling will start
- The second team (ERCS operator Rex and
labours B. Nagel and TAT Sirhan started
digging the first excavation pit.
LOCATION



The excavation pit was 10x15x10', the material encountered yellow lenses of clay-like stuff. ERCS + TAT collected three samples.
The team observed lots of laboratory containers some marked w/ MONSANTO name on it
TAT/ERCS collected all ~~label~~ SS labeled and marked material.
OVA readings up-wind at ground level were in the range 1-5 ppm, in the breathing zone up-wind (crew location) 0-1 ppm above background
OVA Readings down-wind from excavation are in the range of 10-20 ppm above-background

1200 Excavation pit crew is out of hot zone break for lunch
Monitoring wells sampling crew is still sampling

1240 TAT is back on the job. Joe Davis completed sampling and departed for lunch.
TAT Sick started filtering the samples and preserving them in preparation for lab shipment

Late Entry SD 1200 TAT Davis collect ground water samples from Well GW 32 (Purged of 9 gal. First)
- (3) - 32 oz Amber jars
(3) - 32 oz Clear jars
(3) 1 Later plastic bottles
(2) VOA viles

Late Entry SD 1250 TAT Davis collects ground water samples from GW-33 (Purged of 11 gal. first)
Same containers as listed above. Both wells produced dark gray water, with slight Oily Sheen.

1411 Pyramid Electric Inc. is on site to install electric Power Pole

Sangeti Site 5 4/12/95

1415 Plumbing Backflow Specialists (Plumbin contractor) is on site to repair Riedel decon trailer showers.

1419 Market Place Inc. is on site to install (4) Desks ~~(2) file cabinets~~ SD (4) chairs, and (1) Table

1433 Market Place Inc. is off site.

1530 TAT Sinha Completed filtering the monitoring well Samples GW-32 & GW-33
TAT preserved Samples according to lab specs
OSC requested a blind blank. TAT prepared a blind blank and chained all Samples with custody seals as well.
ERCS labour B. Nagel delivered Samples to lab.

LAB NAME
LOCATION:
SAMPLES

GW-32 2 (40ml) for VOCs with HCl
3 (1l poly) for metals with HNO3
3 (1l amber) for Semivocs.
3 (1l jars for PCB+Pesti

GW-33 2 (40ml) for VOCs with HCl
3 (1l poly) for metals with HNO3
3 (1l amber) for Semi VOCs
3 (1l jar) for PCB+Pesticide

GB-1 (BLIND BLANK)
2 (40ml) for VOCs with HCl
2 (1l poly) for metals with HNO3
1 (1l amber) for Semi-VOCs
1 (1l jar) for PCB+pesticides.

J.

1600-1700 TAT, Sinha, OSC & R.M Braig in hot zone at excavation pit #1, collected four soil Samples and two liquid Samples

4/12/95 The liquid is dark colored. Lots of Monsanto paperbags and laboratory bottles.

TO5-4503-007 Sauget, Site 4 4/12/95

EIL0360 FAA

1700 TAT Completed work report for today and prepared a draft work order, OSC reviewed and signed.

1800 TAT and ERCS crew departed site, OSC stayed on-site

END OF Day

4/12/95

TOS-9503-007 Sauget, Site 6 4/13/95
EIL0860FAA

0700 TAT Sinks arrived at site
Weather: Partly cloudy, Temperature 40°F,
Winds 5-7 mph from the northwest.
OSC started tool-box safety meeting
no change on scope.
- excavation in level C with Continuous air monitoring.
- ERCs crew (two operator, laborer and Ken Brain as a response Manager (R.M.)
- Watch out for trip/fall
- Haz cutting all samples, (~ nine)

0730 ERCs crew started gearing up for hot zone in level C entry. TAT in level C.
@ excavation pit #2. OVA reading in breathing zone is 0-1 ppm above background
Readings inside the hole are 20-30 ppm
All personnel are up-wind in level C.
most of what we found is laboratory bottles and at depth of 2-3½ there is ~30" sewerage pipe ERCs avoid that and moved ~15' south of it, continued digging.
Water table @ 18-20', OVA is on Continuous mode Reading are 0-1 ppm above background in breathing zone. Radiation.

1000 Out of hot zone
IEPA rep & Tackers arrived @ site, OSC Barries is touring the site w/IEPA rep.

1050 Back into Hot Zone
Completed excavation pit #2. no major findings
moved on to excavation pit #3 approximately 15-20' South of excavation pit #2
OVA is on Continuous mode

T05-9503-007 Sauget, Site 6 4/13/95
EIL 0360FAA

Reading in breathing zone are 0-1 ppm above background. All personnel are in level C. Readings in SS downwind from excavation are 20-30 ppm (~ 1-11 ft feet off the ground level.

Collection of liquid containers continued ERCS / TAT collected all liquid containers one clear liquid container contains liquid with specific gravity relatively high. Gave 1 to 2 time background reading on the Rad meter (~ 0.05 mR/h). The remaining cuttings and containers gave normal background reading on the Rad meter.

1220 TAT existed hot zone to document findings in lyboot. TAT informed OSC of all findings.

1235 ERCS crew + P. Tackas, IEPA rep. existed hot zone.

1300 OFF site for lunch, lunch is one-hour for ERCS & TAT.

1400 Back on the Job, ERCS continued digging excavation pit #3. OVA is on continuous mode. Reading in breathing zone are 0-1 ppm above background, near stockpiled soil 30-40 ppm. All personnel in hot zone are in level C. ERCS laborer minimizing dust by using fire hose to wet the stockpile and the SS surrounding Rad meter is on continuous mode. All Rad. readings are background 0-0.05 mR/h.

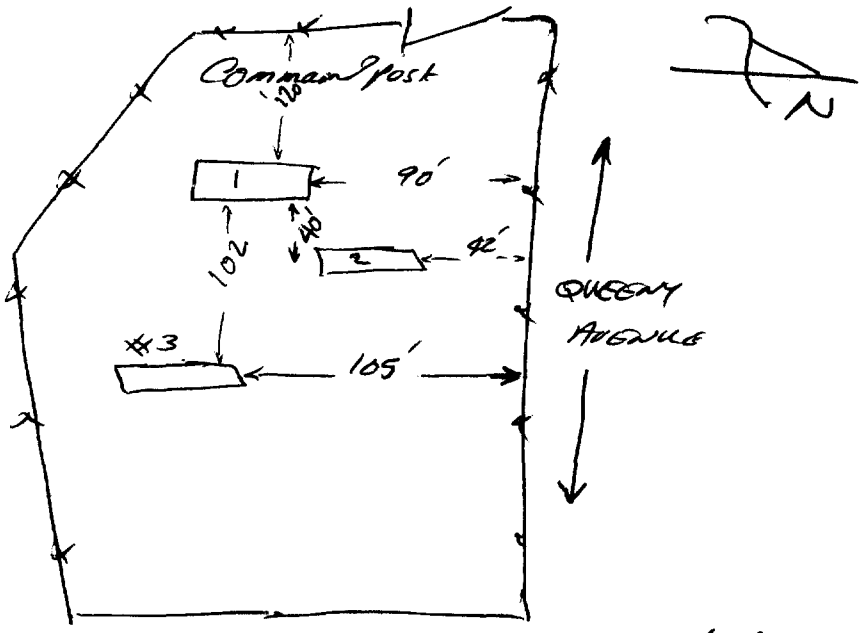
TAT/ERCS collected total of 19 soil/waste samples. All samples will be categorized on 4/14/95 and shipped for lab analysis.

1630 TAT existed hot zone

[signature]

TOS 9503-007 Sauget, Site 6 4/13/95
EIL #860FAA

Excavation pits located
SKETCH



1700 Completed draft of work order for 4/14/95
and completed work report for 4/13/95
ERCS departed site @ 1630
TAT & OSC departed site @ 1715
END of day

4/13/95

TOT-9503-007 Sauget, Site G 4/14/95

EIL 0360 FAA

0700 arrived at site
Weather Clear temperature @ 52°F, Winds out of ~~NE~~ S.S NW very Calm 1-2mph
Safety meeting and pre-work meeting in progress
No Change.

0730 ERCS operators started constructing a decon pad. TAT presented draft IOC, 55's and draft POLREP#3 to OSC for review

0740 TAT will started Haz Cutting of all waste Samples (~63 Samples) TAT will prepare approximately 13 Samples for lab analysis

1010 TAT Complete haz-cut of approximately 32 Samples (into five Haz-groups). Major finding Chlorinated sinking oil, and may be PCP oil.
ERCS crew constructed fence around exclusion zone and made a controlled entry point into the hotzone.

1030 ERCS crew constructing decon pad area.
OSC is reviewing

1200 TAT Complete haz-cut of the remaining Samples prepared C.O.C. and splitted volume for Separate labs for PCB-Cursor analysis. and the rest.

1230 R.M K. Assing departed site.
OSC is working on Site map.

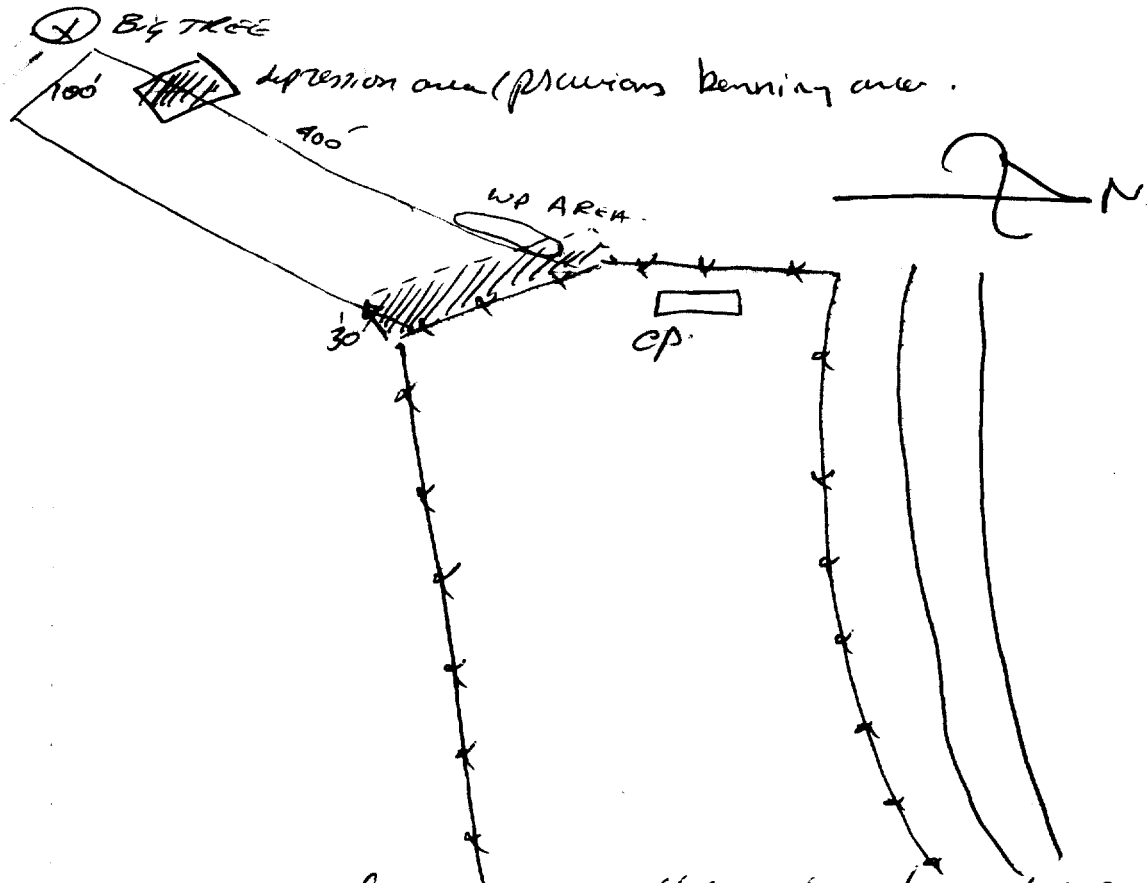
1250 TAT departed site for today (approximate arrival time is 1700 hours.

4/14/95

TOT-9503-007 Sauget, Site G 4/17/95
EIC ØBGØFAA Monday

1100 TAT arrived at Site
Weather:- Clear to partly cloudy, temperature at 67°F, Winds Calm (3-5 mph) from northeast.
OSC present @ Site meeting with J. Gore of U.S. EPA and P. Tackas of IEPA.
ERCS crew (two operators & laborer & R.M.)
ERCSS personnel are laying out a grid at the southern half of the site for dioxin sampling. OSC drafted the grid.

1200 OSC Berries identified, previously, an area off-site for PCB sampling. The area extends from the southwest corner of the site (also consider with the south end of Wiese area) to a 400' (diagonal line). See sketch.



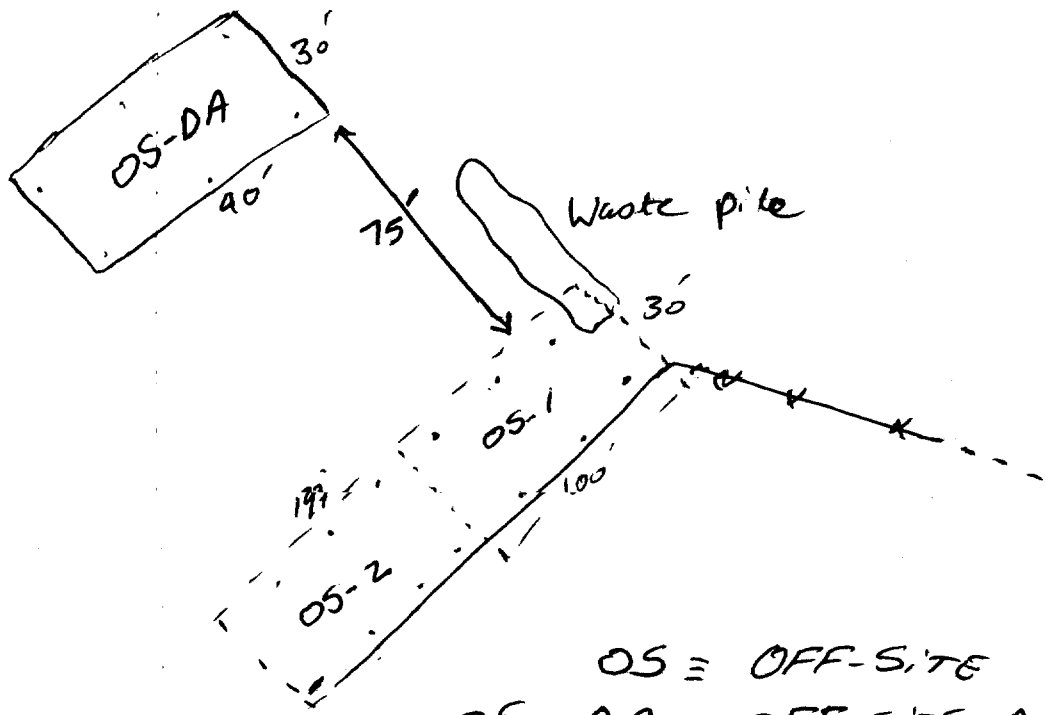
1230 OSC requested TAT to collect only three individual samples 30' of the fence line along that stretch and another individual sample as indicated by the shaded area on the sketch.

TOS-9503-007 Sauget, Site G 4/17/95
EIL0860FAA

1330 TAT Completed collecting three Soil Samples from the Shaded area shown in the sketch on page 45. 1500

SAMPLE #	TYPE	DATE/TIME/LOCATION
OS-DA	Composite	4/17/95 @ 1300 - Collected from a depressional area, previously a location of dumping of unknown material
OS-1	Composite	4/17/95 @ 1230, Collected from the grid shown below
~~OSC~~ OS-2	Composite	4/17/95 @ 1300 Collected from the grid shown below

5.5



OS ≡ OFF-SITE
OS-DA ≡ OFF-SITE DEPRESSION AREA. 170

1400 OSC approved of sampling as indicating indicated above

1420 TAT is on lunch break.

1430 TAT Started segregating documents found during excavation.

1500 OSC FRED Bartman arrived @ site reviewed and signed the health & safety plan.

1515 P. Tackas & J. GOKE are off-site.
OSC Barnes requested TAT to prepare copies of POLREPS NO. 2 for site G & Q. for P. Tackas. TAT prepared and delivered copies
TAT completed sending POLREP #3 for site G to all parties except P. Sauget, Sauget Mayor.
ERCS crew is collecting SH samples from the Southern half of the site.

1530 TAT called E+E H&S. Officer.

1535 Dioxin sample results are in all above 1 PPb for 2,3,7,8 / TOTAL exceeds 1500 ppb in all cases.
Results are partial, the remaining will be forwarded soon.

1540 OSC Bartman and Barnes are in a site - walk through.

[signature] 4/17/95

1700 OSCs Bartman + Barnes + R.M Kan
Brain - work meeting
- Dioxin & PCB for SH area
  ODD #s Dioxin equivalency
  even #s TCCD dioxin
- excavate 6-12" from Queeny Avenue.
up to QA4
- clear brush in NH area

TO.5
EIL
0700

- Solidified (using lime) the Oil pits.
- 5' East of TP # 2, then on
bags of monsanto, TAT to excavate in
4/B/
- TAT to run ENSYS on the yellow
material placed in a jar near the
Site Gate

1800 TAT departed Site

1815 Backlog OSC Borrien approved 500 hrs increase
for TAT TDD, OSC called G. Nakamoto and
left a message

TOS-9503-007 Sauget, Site 6 4/18/95

EIL0860FNA

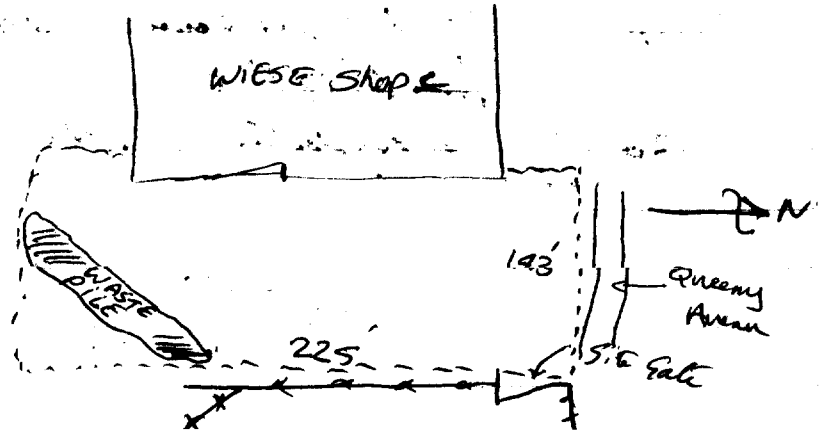
0700 Arrived at Site

Weather, Cloudy, Windy (10-25 mph winds) temperatures @ 59F. Winds out of southwest. OSC Borries reviewed work task for today, and physical + chemical hazards during sampling scheduled activities.

- ERCS to continue sampling for dioxin in the southern half of the site
- Decon the shower trailer.
- Excavate newly found bags 5-10' east of ~~ex~~ test pit #2
- S.S TAT to map Wiese and waste pile area for PCB-hex grid.
- Collect samples and run ~~on~~ ENSYS on those grids that were not included S.S in Wiese Area and Waste Pile Samples. Send confirmation to lab (~10-20')
- TAT to prepare an overall spreadsheet for all samples and sample results and total cost so far, collected from the site.

0800 TAT prepared Sauget Mayor's copy of POLREP #3, OSC approved off last version of that POLREP.

0830 TAT measured the area west of Wiese and waste pile for hex sampling. The area is 143' x 225', See sketch



TOS-9503-007 Sauget, Site 4 4/18/95
EIL-0860 FPP

0900 TAT Completed area measurements
0950 OSC Sam Barnes departed Site
1030 TAT called office, regarding EPA1098 response
1120 TAT Completed faxing POLREP#3 for P. Sauget.
1200 Received fax from R.S.O D. Teibout for a Asbestos regs.
OSC Fred Bartman and TAT visited Site Q for Site walkthrough.
1230 OSC & TAT are back
ERCS on lunch break.
1310 All back on the job.
1400 TAT informed OSC of R.S.O Teibout info. OSC Said ERCS Crew is not working in that area, but once they are, a closer look will considered.
1500 TAT Started preparing 37-point grid for Wiese Area.
Area dimension is 145' X 225' which includes the Waste Pile and a buffer zone with it
OSC approves that.
Sampling will started A.S.A Wiese closes for business today or early on 4/19/95
1600 Preparing for Wiese Area Sampling
1700 TAT minimum 1400-55 for ERCS for 4/17/95
1730 Departed Site for the day

[signature] 4/18/97

TOS#9503-007 Sauget, Site G 4/19/95

EIL0860FAA

0700 OSC arrived at Site, TAT arrived @ Site. ERCS Crew (R.M Ken Braig, Foreman Rex, labor/operator B. Nigel, labor K. Hamm, Field Clerk T. Carrilino) arrived at Site.

Weather: Cloudy, temperature ~ 50°F, winds 10-15 mph from the northwest.

ERCS will continue dioxin sampling in the southern half of the site.

TAT will composite samples collected by ERCS from odd numbered grids, for dioxin analysis.

TAT will plot all results up to date on the site map, prepare an overall sampling summary sheet with cost and results, grid and sample the remaining portion of Wiese Area.

R.M. K. Braig holding a tool-box safety meeting topics:-

- trip/fall
- Level C for all sampling activity
- Chemical hazards dioxin, PCB, asbestos (asbestos will not be disturbed.
- Physical hazard, snakes, cuts.

0730 ERCS into hot zone to continue dioxin sampling, crew is composed of three labour (one foreman and three laboress).

0300 TAT started sampling summary sheet for cost tracking purposes. Total expenditure so far is ~$30,000. OSC was informed.

0900 TAT started mapping the remaining portion of Wiese parking lot for 37-point hex-grid

1100 Sampling map is completed.

[signature] 4/19/95

TOS-9503-007 Sauget, Site G 4/19/95 TOS-9
EIL0860FAA EIL0
0830

1110 Delivery truck of lime arrived
Total delivery is 250 Sacks of
50 lb bags.

1115-1200 Lunch Break

1200 Back on the job.

1200-1300 TAT reviewed draft SS for 4/17/95
OSC got my comments
ERCs in hot zone for dioxin Sampling.

1400 TAT Completed photo-docs of all
unearthed documents and labled containers
Photolog was documented separate to aid 095
the CIs in their PRP Search.
TAT gave OSC the list, photos will
processed later.

1400-1630 TAT Sinha and ERCs K. Hamm Completed
Compositing all odd numbered Samples out of
the Southern Area. All Samples were
logged chained. Compositing followed
quartering method and equale volume of 1010
aliquotes. (per OSC Barriers).
OSC Fred Bartman requested PCB analysis
on all samples and dioxins.

1700 TAT Completed laying out grid for 37-point
Sampling in the Weese Parking Lot. Sampling
will conducted for those points that would
interfere with Weese business in working 1100
hours.

1710 Sample Collection started.

1730 Completed Sampling
departed Site

[signature] 4/19/95

TOS-9503-007 Sauget, Site 6 4/20/95
EIL0060F11A

0830 TAT arrived @ site, visited dentist this morning for tooth extraction during last night.
Weather: Partly cloudy, temperature @ 55°F Winds 5-10 mph from the north east (support zone is downwind from the site.
OSC present @ site is Fred Bachman, ERCS crew are down range completing dioxin sampling for even numbered grids of the southern half of the site SH-area.

0950 ERCS crew is out of hotzone, completed sampling grid #s SH-20, SH-18 and still have four more grids. Sampling methodology description will follow upon debriefing the sampling team. Overall, the sampling was ~~complete~~ performed according to OSC Sam's Bonies description and instruction per ERCS foreman Rose.

1010 Remaining to be collected from the 37-point grid from the Wise area are ten samples to be collected. EASYS will follow after completing the collection of these samples. ERCS crew will continue to sample the even numbered grids out of the southern half of the site. Remaining are four samples.

1100 TAT m Sutton and ERCS m K. Hamms completed sampling the 37-points from Wise parking lot. TAT departed site to bring EASYS hardware from EPA1098 (disabled and parked at Best Western parking lot. OSC approved. Departed O.E. to Best Western.

4/20/95

T05-9503-007 Sauget, Site G 4/20/95
EIL#BG#FAA

1745 Brought ENSYS hardware [illegible] at site. ENSYS will be started

1200 Break for lunch

1230 [illegible] back on the job.

1300 Continuing ENSYS test, results are being logged on the special form.

1600 Selected test 201 percent and 18 samples (and 5 samples) for confirmation analysis

1630 All teams are off-site

Sauget

4/20/95

TOS-9503-007 Sauget, Site G 9/21/95

EIL ⌀BG⌀FAA

0700 Continued at site;
weather: Sunny, Clear; temperature around
[illegible]°F,

0730 TAT continued to ~~[illegible]~~ ENSYS
on the remaining portion S.S of the samples
(~18 samples). Results are being logged
on the special form.

~~09~~ S.S ERCS crew is clearing and grubbing
the site area near the central area.

0850 Completed ENSYS selected 20% (three
samples) for lab confirmation. See
C.O.C. file.

0939 Completed chaining all samples for
lab shipment.

0950 At OSC's office. OSC Bartman
decided to send the 20% of WA area
samples for PCB analysis.
Even numbered samples from the southern
half (SH-area) for dioxin 2,3,7,8
analysis only. Also suggested to
archive samples from WA for dioxin
equivalency for later ~~[illegible]~~ S.S decision

1015 TAT archived and chained all samples
from WA part until decision is made
regarding the dioxin analysis.

1030 TAT started preparing test plugs of
Oil sludge soil w/ lime mix.
More on this will follow.
ERCS Field clerk departed site to buy an
analytical thermometer to measure the temperature
change during mixing.

[signature]

Trial Mixes of Oil Sludge + Lime
- Lime is pressure hydrated
- Initial OVA readings of sludge is background 0 ppm.

1200 TAT departed Site
END OF Day

[signature]

TO5-9503-007 Sauget, Site G 4/24/95
EIL ØB6ØFAA

0700 TAT departed Chicago Area for Sauget, Site G
On-going weather:- Sunny, temperature 66°F
Calm winds.

1215 Arrived at Site. OSC at Site is
F. Bartman. ERCS Crew (T. Casilino, K. Braig
Rex & Kenwin, B Nagel).
Work performed since this morning according
to debrief of K. Braig, the response manager.
ERCS Crew put up signs to start excavating
Queeny Area.
- Received 780 case for ERCS warehouse.
- Received three loads of #2 gravels (~60 tons).
- ERCS @ lunch since 1215.

1400 TAT completed up-dating the sampling cost
data-base, for cost doc purposes.
more detailed data base with sample results is
in the works.
ERCS continued to backfill areas that were
excavated earlier at Queeny Avenue. (ERCS
started excavation of one foot along grids
QA-1 thru QA4 since 0900 hours.

1420 Continuous air monitoring using OVA and
MiniRam indicating the following
OVA down wind (east) of work zone (QA-1)
reads background in breathing zone. Dust
is low, reading background on MiniRam.
EPA decon 903679. ERCS are using plenty
of H_2O to minimize dust generation
TAT collected photo and vedio documentation
The soil being excavated is dark stained
and reads (source reading) on OVA ~ 10-30ppm

TO
E1
07

1500 OVA & MiniRam Readings are still within background ERCs ~~are~~ crew is backfilling the excavated area at Queeny Avenue. ERCs are using plenty of Water to Suppress dust.

~~14~~ 1600 ERCS crew still backfill that area. No. of gravel Trucks recieved so far is 12 (~20 tons per truck. ~ 240 tons So far.

TAT prepared a site specific fire Cover sheet

1630 Monitoring well results are in for Samples GW-32, GW-33, and GB-1 (blank). Results indicate the presence of Dichlorobenzene 6,400 ug/l and other variety of VOCs and Semi-VOCs. OSC glanced at these results prior to filling

The total number of gravel is 14 trucks ~ 14 X 20 tons = 280 tons.

OSC requested TAT to prepare a package containing two copies of the site vedio tape, photos and $P_{S.S}$ copies of the logbook pages that document the field findings when the test pits were excavated. TAT prepared copies of the logbook pages concerning that matter pages # 35 - through 42 and pages # $P_{S.S}$ 302 and 303.

1700 ERCS Completed backfilling the excavated Queeny Area with Clean Gravel. Total volume used ~ 280 tons of clean gravel.

08

1715 OSC Bartman, R.M K. Braig and TAT are in Work Order meeting. Reviewed work report for 4/24/95 and prepared Work Order for 4/25/95 Meeting ajourned.

0

TOS-9503-007 Sauget, Site G 4/25/95
EIL0860FAA

0700 TAT in Sirhan arrived at the office trailer
On-going weather:- Sunny, partly cloudy, temperature @ 55°F, winds calm (< 5mph) from the Southwest.
OSC Bartman at site, ERCS crew (R.M K. Braun, F. Clerk T. Casileno, operator/foreman Rex, labor K. Hamm, ~~operator~~ S.S Rob Vardey as a labor). at site Rob Vardey replaces B. Nagel.
B. Nagel is dispatched to Mika Timber site in Sparta, IL.
R.M. Ken Braun in tool-box safety meeting OSC present. Topic include physical/chemical hazard involved in today's task. The new laborer received initial safety review, reviewed SSP and acknowledged that.
Today's work order is the the following:-
- Complete backfilling Queeny Area
- dismantle the fence on the Southwest side to transfer waste pile into the site area in order to incorporate that into the site cap.
- Excavate the waste pile area.
- Minimize dust generation by using water to supress dust.

0800 Work is in progress, ERCS formation is one foreman/~~labor~~ S.S operator Rex two laborers, in two teams.

0900 TAT started updating the site map to include all sampling and results completed to date
ERCS crew started dismantling the fence on the Southwest side to facilitate the

TOS-9563-007 Sunset, Site 6 4/25/95
EIL0360 FAP

Transfer of the waste pile onto the site
- Electricity Company people on-site promising the power will be on fairly shortly (~ 1200 hours)

1100 . TAT completed site map with all sample results.

H&S TAT started working on Monthly & fax it back to T. Spargo today

1130 Completed work on monthly
EECS crew is scrubbing contaminated soil along the northern fence line
Work on the waste pile was delayed due to electrical work in that part of the site.

1200 Crew breaks for lunch.

1240 OFF break back to work
OSC Bartman, TAT m Sinha, R.M K. Brady @ the Waste pile location, OSC said to excavate the waste pile westwards to the low area (marked by two trees) in the ~~one~~ pile.
EECS will use the 655 loader and plenty of water (with no runoff) to suppress dust.
Work is underway.

1300 Work w/ Waste pile area has started
TAT started continuous air monitoring and vedio-photo documentation.

1400 Air monitoring reads background 1 ppm, and no ~~visual~~ dust is visible.
Winds still are of South West, air monitoring station is down wind from work area.

1430 Air monitoring still reads background using OVA and no dust.

TOS 9503-007 Sauget, Site G 4/25/95

EIL086DFAA

1445 TAT prepared a draft POLREP No 4, OSC Commented. TAT started incorporating these Comments.

1525 ERCS still excavating the Waste pile area. Continuous air monitoring using OVA reads background. No visual dust is formed. ERCS are using plenty of water to suppress dust.

OSC visited hot zone. Work is progressing

1600 ERCS Completed 75% excavating the Waste pile. ERCS crew is on break.

1630 I called ATATL of St. Louis office.

He stated that J. Davis will come on 4/26/95 to look at EPA 1098 and help me setup the Met Station @ Site G.

ERCS crew is excavating

1700 OSC Bentman, R.M. Brazy and TAT Sirhan started a Work Order meeting for 4/26/95 and document work report for 4/25/95.

1745 Meeting is adjourned, work order is Complete. TAT reviews ICAP

1800 TAT organized site log (site/ENTRY/EXIT, hot zone ENTRY/EXIT) and archeived them.

1815 TAT departed site, OSC departed site, ERCS crew departed site.

END

[signature] 4/25/95

TOS-9503-007 Sauget, Site G WED 4/26/95
EIL#BE#FAA

0700 TAT arrived at site, OSC Bartman at site
ERCS crews are at safety meeting
no topic change.
On-going weather Sunny, temperature @
49°F, Winds Calm from Southeast (Support
zone is downwind from the site.

0730 OSC Commented on the POLREP #4. TAT
to incorporate these Comments.

0745 TAT Started Cost Tracking
ERCS crew is preparing to excavate more
soil of the Waste pile area after Wiese
employees moved some of their belongings
from the excavation area.

0820 TAT Started updating the I.O.C. including
ERCS.

0930 Joe Davis of St. Louis office arrived @ site
to help me setup the Met Station.

10:00 TAT Sirkin handed G. Raker the Comments on
their HAS plan from E+E/Cin R.S.O.
G. Raker is incorporating these Comments

1030 ERCS crew Completed excavation of the
Waste Pile area, awaiting backfill to
arrive, crew is on break.
Joe Davis & T. Casilino departed site to buy
Supplies (bolts, screws) to mount the ~~mo~~ SS Met
Station

1230 Met Station is up and running except
for Basic Software, will be borrowed from
St. Louis office tomorrow on 4/27/95

1300 Lunch break

1300 All personnel on break for lunch
including ERCS

4/26/95

TOS-9503-007 Sargent, Site G 4/26/95

EIL0860FAA

1315 Departed site to look at ~~EPA 903~~ S.S EPA 1098 "disabled vehicle" with J. Davis.

1500 Problem with EPA 1098, there is a leak of charge and may a short circuit somewhere in the system. J. Davis says, the battery is dead, need a new one and a proffessional mechanic to look at it.

1530 Back at site. Started working on Government 1900-55. and updating cost files.

1630 Continue to work on 1900-55
ERCS are transporting ~~at~~ clear fill from a stockpile ~~at~~ the site S.S to cover the hole at the waste pile area.
preparation for site shut down.

1700 TAT continued to update site files.
Transferred ~~fill~~ S.S files into a secure drawer

1730 Completed work departed site.

Sam Eilr

4/26/95

T05-9503-007 Sauget, Site 6 4/27/95 7

EIL086 FAA

0700 Dispatched hotel for Site 6 area

0720 Arrived at Site, OSC Bartman present at Site, R.M and ERCS crew one foreman and two labor at Site Weather: Cloudy, temperature out of North west @ 10-15 mph, no rain, but expected for this afternoon.

0745 ERCS crew is at Waste pile area Clean fill started to arrive. TWO 20 ton trucks arrived.

ERCS brought supplies from their warehouse Supplies are being tracked on the Equipment list.

0815 TAT tried to use the fence machine to send out the POLREP #4. No success, machine Jamed & will use TAT Computer fax.

0900 ERCS crew at waste pile area, backfilling No. of clean dirt received up to the hour is nine truck (9 X 20-tons = 180 tons)

1000 TAT still working on trucking await Charges and field purchases since the start of the Job

ERCS crew is still @ Waste pile area No of trucks received is 13 truck

1045 No of trucks received is 16 trucks of clean dirt.

TAT still Trucking await Charges.

1130 ERCS crew at Waste pile area, backfill truck still Coming in

[signature]

T05-9503-007 Sauget, Site G 4/27/95

EIL0860FAA

1200 TAT breaks for lunch, ERCS crew off for lunch.

1230 Back on the Job

Joe Davis of St. Louis TAT office arrived at site brought Tandy Computer for the Met Station, and another field Computer with old BASIC Software ERCS are gearing up for Oil pit Solidification

1300 TAT, n Davis updated TAT m Sirhan on the Met Station operation. All setup and ready to go.

1330 TAT m Sirhan prepares for air monitoring @ the oil pits.

1400 Oil pit Solidification started, @ OP-2 Location (see site areal photo). Looks very sludge ~~with some free~~ and liquidity. No free liquid other S.S than free Water (discolored) The mixing rate 1:1 has been exceeded and Solidification is progressing very ~~slow~~ S.S slowly Air monitoring directly down wind from Pit location indicates 0-0.5 ppm above background, Wind seems to dispiate VOC's All ERCS are in level C ~~prop~~ protection TAT collected photo-vedio doc. S.C.

Contineous air monitoring is on going still reads background. Wind are belowing into The Southeast, Reading were taken downwind directly from Solidification location.

1500 TAT back at CP, Results of PCB pre-Cursors are in,

Lot of 2,4,5-Trichlobiphenyl, Tetra-penta,

Some Samples indicated 47% PCB pre-Cursors

[signature] 4/27/95

TO5-4503-007 Sauget, Site G 4/27/95

EIC-ØBGØFAA

1600 Results of Soil Samples collected from Wiese area parking lot are in, ENSYS Confirmation will be calculated, PCB Concentration in some areas exceeds the 50 ppm action level

1630 TAT on break.

1730 in Work Order meeting with OSC & C.M

1745 Meeting is complete

END of D

4/27/95

TOS-9503-007 Sauget, Site G 4/28/95

EIL 0860 FAA

0700 TATm Sirhan arrived at Site, ERCS crew arrived at Site.

Weather, clear sunny, temperature @ 50°F winds (2-5mph) from northwest.

R.M. K. Bais holds a tool box safety meeting, no change on the topic.

OSC at Site discussing work tasks for today

- Solidify oil pit OP-2
- Secure the Site for the weekend
  - mend the fence
  - Backfill all open holes.
  -

0730 meeting was completed, gearing up for work.

TAT is faxing POLREP #4 for all parties.

0800 TAT reviewed draft ERCS SS for 4/26/95 and prepares draft Government-1900-SS for 4/27/95.

All paperwork on OSC's desk for review

R.M dispatched site to buy portland Cement to try to mix it with a sample of S.S from the oil pit. Lime is not doing the solidification job.

0900 TAT entered hot zone to air monitor and perform contractor oversight.

- ERCS crew 2 operators, one helper are working on solidifying the oil pit @ OP-2. Looks the same, no solidification

TAT collects photo-video docs.

TAT collected a sample to try the portland Cement reagent from OP-2

4/28/95

TGJ-9503-007 Saugat, Site 6 4/28/95
EIL0860 FAA

1000 TAT Completed Testing the Portland Cement mix with the Oil pit Sample Results are the following
Test data.

INITIAL OVA READING 7-10 ppm.
INITIAL Temperature T = 25°C
INITIAL Mixing Rate 1:1
of waste + Cement. SHS
upon mixing. SHS
OVA Reading → 150-250 ppm
O2%, LEL% → 21.5%, 0%.
Temperature Change - not noticable.
Results of mixing; portland hardened the Oil Samples over 10 minutes of observation, TAT informed OSC that it is prudent to test mix for dioxin. OSC said the waste will stay on-site. SHS

1015 Preparation for purchasing Portland Cement started by ERCS SHS

1120 TAT departed site to deliver EPA1098 to Westport Chute Shop for estimate per ATATL Zwilling & M. Conn Specialist estimate to be given prior repair for three things - Battery SHS
- Short Circuit SHS
- Vaccum hoes (loss)
Then a decision will be made by DPO either to repair or return the vehicle SHS

1230 TAT return to site after delivering the vehicle.

[signature]

TOS-9503-007 Saugat, Site G 4/28/95

EIL0860FAD

1300 ERCS crew is gearing up to mix more lime with @ OP-2 and grade the slope on the South & west part of the fenced area so rain water would not pond in that area. SHS

No lunch break today for all parties.

Backlog

R.M. Ken Braig brought a case of GMC-14 Cartridges for use at site.

1305 TAT completed fax POLREP #4 for all parties including the Mayor, The Mayor copy does not contain cost nor Enforcement information.

TAT experienced difficulty in fax IEPA P. Tackas copy (may be disabled fax at the receiving end) but last try was okay.

1400 TAT tried to down load data from Met Station. No Success.

1500 ERCS completed securing the site and mixing OP-2 is not complete. Ready to depart site for the weekend.

1515 TAT departed site. All teams departed site. Remember date and time is 5/1/95 @ 1100 hours.

[signature] 4/28/95

T05-9503-007 Sauget, Site G 5/1/95
EIL0860FAA Monday

0700 TAT departed Chicago Area for Sauget Site G.
Weather:- Cloudy, rain will turn into thunder storms, temperature @ 50°F, Winds gusting @ 20-25 mph.

1205 TAT arrived at Sauget Area, ERCS crew @ site, R.M. K. Brain Field Clerk T. Casilino, Foreman R. Keys laborer/operator K. Hamms, Rab.
ERCS crew are working @ OP-2 solidifying oil pits using pressure hydrated lime. Work is on-going.

1300 At the site area, rain hampered site activities. ERCS crew still mixing lime with oil pit @ OP-2

1400 Okay to repair EPA1098, Purchase Req. should be made cc: T. Spargo, sent to Mary Ann. Sue from St. Louis office will provide necessary info.

1500 Still raining ERCS crew on back

1515 back into Hot zone, ERCS crew @ OP-2 location mixing is on-going

1600 TAT Smith tried to down load info from Met station. Station is little wet will dry it first.

1700 All personnel off site

Sauget site
5/1/95

T05-9503-007 Sauget, Site G 5/2/95
EIL086FAA

0700 TAT arrived @ Site, ERCS crew (R.M Ken Braig, Foreman R. Key, operator/laborer K. Hamms and Laborer Rob) @ site. OSC Sam Borries @ Site.
Weather:- Sunny, clear, temperature out of northwest @ 1-2 mph.
Scheduled work for today:-
- Continue to solidify OP-2
- Try to use Kiln dust instead of lime to solidify Oil pits.
- procure Kiln dust

0730 R.M Ken Braig held a Safty meeting topic, Chemical hazards PCB, dioxin physical hazardous, trip/fall, puncture, working around heavy equipment.

0830 TAT completed plotting PCB ENSYS results and lab results on Wiese Area Map.

0845 TAT is making phone calls to get of SS bid and purchase info for Cincinnati office. Sue of ~~Cinci~~ S.C St Louis office will call back.

0910 TAT Completed review of 1900-55 for 4/28/95

1000 TAT faxed all bid info for EPA1098 to Joy Chaney of Cincinnati office who will make the purchase requesition for that job.
Backlog: On 5/1/95 ATATL of Chicago office, Pat Zwilling, called me and said okay to go ahead with EPA 1098 repairs thru P.R. The call was received @ 1600 hours.

T05-9503-001 Saugat, Site G 5/2/95
EIL0B60FAA

1000-1130 Down Range, TMT entered hot zone to document contractor performance,
ERCS crew Foreman R. Keys, Operator/Laborer K. Hom and Laborer Rob @ OP-2
ERCS crew is trying to solidify the oil-contaminated soil using lime. The soil is very sludgy and ~~poor~~ sometimes flowable. OP-2 is 15x20' and its depth is unknown for the time being lime is not doing the job.
Air monitoring down-wind from OP-2 operation area is 4ppm (above background) Background is 1ppm. No visible dust is being generated. (Sludgy soil).
Winds still blowing out of Northwest @ 2-5 mph.

1130 ERCS crew breaking for lunch.

1150 OSC Sam Borries is back at site after attending a hearing to get an access agreement at U.S. District Court with Emily Hankins
OSC produced a warrant to gain access to the property from the U.S. Attorney
OSC departed site with Response Manager Ken Brown to serve the warrant to Emily Hankins.

1200 TMT departed site for lunch

1230 Back on the job

1300 TMT down range for air monitoring and contractor performance
All readings are below background level
ERCS still solidifying OP-2

TOS-4503-007 Sauget, Site G 5/2/95

EIL080FAA

1330 OSC returned back from serving the warrant
Finally access is granted, ERCS will
start clearing the site area.

1400 ERCS down range clearing and grubbing
the site southeast corner area.
TAT started reviewing 190055 for Site
Q, the 1900-55 containers disposal
cost from Enviro Safe.

1515 Revision is completed forwarded for
OSC's comments.

1600 ERCS crew operator & 2 laborers
are clearing and grubbing the remaining
portion of the site. At the southeast
corner.
TAT collected photo & vedio docs.

1610 TAT and OSC Borsics entered hot zone,
TAT collects photo docs
OSC requested TAT to sample a ~~copy~~ SS
couple of monitoring wells uncovered
after clearing the site. OSC also requested
TAT to sample a pink to reddish
solid just south of OP-2, OSC says,
no rush on monitoring wells but the
solid sample should be collected soon
OSC requested TAT to run ENSYS on a
sample (sludge sample) from OP-2

1700 OSC & TAT existed hot zone
OSC requested the following analysis
for the reddish solid sample.
Test only for ENSYS

T05-9503-007 Sauget, Site G WED 5/3/95

EIL0860FAA

0700 TAT arrived at site, OSC Borries @ site
ERCS crew (R.M. K. Braig, Foreman R. Keys
Laborer/operator K. Hamms, and laborer Rob) @
site. ERCS field clerk @ site.
Weather - cloudy, temperature 49°F, winds
out southeast. Rain is expected late this
afternoon.
Scheduled activities for ERCS
- Continue clearing and grubbing
- Continue solidifying oil pits
- Clear vegetation along the fence line
FOR TAT
- Complete CERCLA paperwork (1900-55, IOC...)
- Sample oil pits and reddish solid located.
- Run ENSYS on these samples
- Check the Met Station performance
- Continue the sample results data base.
Foreman held a safety meeting, no topic
change, chemical hazard PCB, nitroaniline
physical hazard trip/fall, snakes, puncture
0800 ERCS crew is ready to go into the hot
zone, TAT also
0800-1030 TAT down range for contractor performance
monitoring.
ERCS operator/laborer Foreman excavated
two test pits just 5.5 south of OP-2.
Oily sludge was encountered @
3.5-4' feet. Lots of "Monsanto" shipping
receiving documents. Documents of
Mobile Oil Company Sonocy Refinery
were found near the oily spot
a white chunky material was found

TGS 4503-007 Sargent, S.Z.G 5/3/95

EIL0860FAA and other 50-30 lb paperbags:

Lots of MONSANTO's procedures manuals were found.

TAT collected photo-vedio docs and four waste samples from different colored waste

1130 OSC was informed of TAT's findings.

TAT called OSC T. Barrso for an update regarding PRP's activities @ King River Lad. Site. Left a message for update.

1200 Load of CaO (Kiln dust) arrived at site.

1245 Break for lunch.

1315 Back on the job. ERCS crew will continue excavating exploration pits 20-30 feet south of OP-2. ERCS Response Manager and TAT Sirko will depart site to the Chanfill quarry to sample the backfill material insitu.

1320 TAT down-range @ exploration pit #4 30-50' directly south of OP-2. The excavated soil is darkly stained and has a hydrocarbon smell to it, lots of Sonocy Mobilegas Oil Company. All documents were securely archieved and will be chained with a custody seal A.S.A. Photo documentation is completed. One gallon reddish liquid. The liquid looks oily. Similar to sample # EP-2-1 collected on 4/18/95. The results of that sample is the following Trichlorobenzene, nitroaniline TAT in the hot zone. OSC Bonnies in the ~~OSC~~ S.S hot zone. Excavating TP#4.

[signature] Sirko 5/3/95

TOT-9503-007 Sauget, Site 6 5/3/95
EIL0360FAA.

Major finding still Oil Company document for Mobilgas and others. Lots of laboratory containers. TAT collected from waste samples for hazcatting on 5/4/95.

1700 Existed hot zone, ERCS crew is backfilling the excavation pit TP#4 and ~~as~~ SS archiving found documents for custody.

1710 At Work Order meeting, OSC reviews Work Order for 5/4/95 and addresses Work Report for 5/5/95

1730 Meeting was concluded. ERCS crew is out of hot zone decon & securing the site.

1745 ERCS crew departed site

1755 TAT and OSC departed site.

Sammy Sinha
5/3/95

TO5-9503-007 Sauget, Site G 5/4/95 THU
EIL0BG0FAA

0705 TAT arrived @ site, OSC. Barnes @ site
ERCS Crew; Foreman R. Key, Laborer/operator
K. Hamm, Laborer R. Varady and field Chrck
T. Casilino @ site
Weather Cloudy, rainy, temperature @ 50°F
Winds out of northwest @ 1-2 mph
TAT will start ENSYS Run on all Samples
collected on 5/3/95. Latter Haz Cating of all
uncovered chemicals will start once at R.M
K. Brainy arrive with Benson flame

0730-1230 At storage trailer Hazcatting and running
ENSYS on all Samples collected on 5/3/95
The following are ENSY run results.
Three distinguished waste Samples were
collected

*WHITE-1 Waste Sample collected from
abundant white powdery material
The material is soluable only in
hexane.

- Black tar (OP-2) waste sludge Samples
collected from oil pit + OP-2
- Black-reddish Solid, abundant near
oil pit + OP-2 (Sample # RB-1)

The White-1 Samples tested positive for PCB
@ or greater than 25ppm, and it is heavily
chlorinated.
The other two Samples OP-2 and RB-1
tested negative for PCB and no chlorinated
material was found. This confirmes the idea that
the Oily sludge is a Sperate Waste stream
from that containing PCB, and possibly
generated by an oil-handling operation

TOS-9503-007 Sauget, Site 9 5/4/95
EIL0860FAA

1300 TAT documented all haz-catting results in the special form.
1300 Break for lunch
1330 Back on the job
Weather condition (heavy rain and muddy landfill surface are hampering on-site work
1350 Rain continues, OSC decided to stop on-site work.
OSC + TAT stayed on site to complete some paperwork
TAT prepared draft POLREP #5
1420 OSC reviewed the POLREP, some comment. TAT incorporated these comments
1530 TAT prepared and chained four soil samples (see chain of custody dated 5/4/95 in the file.)
R.M. Kevin Bing took samples to lab and ERCS personnel were seen off-site @ 1230 hours.
1600 TAT prepared Master flux pump for off-site shipment.
1630 departed site, OSC stayed on site working on E-mail
END of Day

TOS 4503-007 Sauzet, Site G 5/5/95

EIL0BG0

0700 TAT arrived at site, ERCS Crew (R.M Ken Bray, Foreman R. Kay operator/labor K. Hamms, labor R. Varaday at site
weather: partly cloudy to sunny temperature @ 49°F, winds from the northwest.

0730 ERCS Crew started using Code L lime to solidify Op-2, work in progress.

0300 TAT E-mail time for W.E. 5/6/95
MON 11, TUS 10.5, WED 10, THU 9, FRI 8

0830 TAT departed site to return the rental car and pickup EPA 1098 for Westport Automotive. Contact Mark Mohan.
The trip will approximately take 1.5 hours.
OSC approved was granted on 5/4/95

1030 Returned the rental car and arrived at Westport Auto Care Inc.,
The Balzer didn't start although they changed the alternator. Problem under investigation

1100 Called ATAL Spargo, Spargo not available
Called TATL Kouris, told him that Westport rep said the regulator needs to be changed
TATL said okay to change it and the PR will reflect that.

1200 Blazer was ready alternator + regulator changed running okay

1300 Arrived at site.
OSC Borries called. I gave him an update w/ the site activities
OSC requested me to stay until 1500 hours at site

[signature] 5/5/95

1500 departed site
~~08~~ 5.5 2050 Arrived at the Chicago area.
2100 [illegible] of Bay

[illegible]
5/5/95

TOS-9503-007 Sauget, Site G 5/8/95
EIL 0860 FNA Mon

0630 Departed in-laws house for Sauget, IL

0800 On South bound I-55, EPA-1098 stalled out, pulled to the highway shoulder, called Cincinnati office, T. Spargo said, he doesn't know what to advise me, recommended that I talk to T. Kouris or P. Zwilling. Asked T. Spargo to call P. Zwilling or T. Kouris on a conference. Put is on the other line said tow the vehicle to a safe place and Chicago office will take care of the rest. I asked T. Spargo to call OSC Bonnies home because the battery of the mobile phone is dead and no power is withdrawn from blazer cig-lighter. I asked T. Spargo to tell OSC that I will catch the next flight out of Midway on Southwest. Called Southwest airline got a ticket. My brother-in-law picked me up, Initial milage of personal car is , Final milage is

1050 Got to Midway, next flight is 1610 hours will arrive @ 1710.

1730 At Alamo car rental, got a rental car drove to Best Western.

1850 Arrived @ Best Western.

[signature] 5/8/95

T05-9503-007 Sauget, Site G 5/8/95

EIL0860 FAA

VOID

Sammy Sikes

VOID

Sammy Sikes

TOS-4503-007 Sauget, Site G 5/9/95

EIL086ØFAA TUSE

0800 TAT arrived at Site, OSC Borries arrived at Site. NO ERCS Crew will be working today due to heavy rain occurred on 5/8/95 and muddy surface of the work area

TAT started working on updating Financial Files starting 4/28/95

preparing sample results data base.

1100 No lunch brake, working thru lunch.

1400 Completed updating cost documentation files.

1430 Continued to work on Sample results data base

1500 Started working on photo log, required by Site Attorney.

1630 Completed all tasks for today. Buckley Weather, rainy, thunder storm are expected through today. Flash floods are expected, winds gusting @ 15-20 mph are observed.

1635 Departed Site for the day

[signature]

5/9/95

TO5-9503-007 Sauget, Site G 5/10/95

EIL0360FAA

0700 TATm arrived at the site, OSC Borries @ site. ERCs crew (R.M K Brain, Foreman R. Keys, Field clerk T. Casilino, Operator/labour K. Hamms, Labours R. Varaby) are at site

- Scheduled activity :- dig exploration pit #5
- Collect samples of black-red solid, white powder, and fresh tar from tar pits
- For TAT to photo document samples, documents and site activities
- Weath Cloudy temperature 49°F, wind 2-3mph from the South West.

0730 ERCs are preparing to enter the hot zone. ERCs entered hot zone, near the East fence line, started EP#5 (exploration pit No 5). From 0' to 3.5' we encountered battery casing. No documents were found. OSC requested soil sample from the ~~Pon~~ sand bed underneath the battery casing S.S. and a sample the battery casing. OSC requested ERCs to move approximately 20-30' west of EP-5 location.

0925 ~~OSC~~ TAT out of hot zone collected S.S. sample of black tar and the white powder (lab lost their sample, broken) OSC requests OVA reading outside the perimeter of the site

0950 TAT toured the perimeter of the site along the north and east fence line, All readings along the north fence line were background 1 ppm. Readings at the east fence line were slightly above background (<1 ppm)

TOS-4503-007 Saugat, Site 6 9/10/95
EIL086OFAA WED

But Odor (Strong odor) was observed.
TAT observed partially burried drums on the west bank of Dead creek.

10:00 TAT is returning to the east fence line area for photo-doc and vedio-docs.
TAT at the Dead Creek area. Odor from on-site activities still there.
TAT observed numerous partially burried drums with solidified content, and battery casings, all of drums and battery casings were on the West bank of the Dead creek. TAT experienced sneezing problem, may be caused by odor, a garden worker for Metro Construction Inc., located directly east of the site and directly down wind also, was sneezing. OSC was informed. Our didn't registered any reading above background. TAT didn't observe any aquatic life or insects in the creek. Soil of the west bank was spongy and black. Somehow similar to the tar S.S. pits. TAT collected vedio + photo docs. TAT briefed OSC of the situation.

10 50 TAT existed the creek area.

11:00 ASAL Spargo sent a fax requesting amendment for TAT TDD, I informed that he requested the amendment to be delayed until RORis reflects the total for this TDD. I sent him the amendment via fax.

1130 TAT and ERCS personnel started photo docs of all evidences collected to date.

T05-9503-007 Saugat, Site 5/10/95

EIL086FAA

1200 TAT and ERCs personnel are ~~segre~~ S.S. segregating evidence unearthed during excavating exploration pits.
Photo documentation was completed for each individual evidence with written log.
TAT collected approximately 100 frames.

1230 TAT broke for lunch

1300 Back on the job.

1310 ERCs + TAT, OSC Borries and IEPA rep P. Takacs inside the hot zone, ERCs are digging Exploration pit #6.
The excavated soil is heavily stained and has a petroleum-like odor, OVA is stationed directly down-wind from the excavation area. OVA reads 10 ppm above background. All personnel are in level C. no ~~va~~ valuable documents were unearthed except for a Wall Street Journal dated February 2, 1960. A lot of 55-gallon drums were excavated. All drum contents were solidified. OSC requested a sample from one of the unearthed drums. The sampled drums contained black solid material.
Back log - Refer to 1200 hours entry numerous Sonocy Mobile Oil Company and Vaccumm Mobile Oil Company Lubrite documents were Photo documented. The documents were dated 1957-58,
A purchase receipt for 840 lb of Asbestos Containing material that was sold to Mobile Oil Company was found.

TOS-9503-007 Sauget Site 5 5/10/95

EIL0860FAA

Continue 1310 hours entry,

1600 TAT existed hot zone.

OSC existed hot zone, IEPA rep existed hot zone and deported site.

OSC requested TAT to haz. cat. the Oil-tar Sample Bag log:- TAT collected three Samples.

One waste Sample for fresh running oil from Exploration pit #6, and drum Sample for Exploration pit #6.

Waste Sample of Yellow Paste encountered at EP-6.

The Total # of Samples collected is three and they are the following

SAMPLE ID #	DESCRIPTION
EP-6-Oil	Waste oil Sample from EP#6
EP-6-DRUM	Waste drum Sample from EP#6, dark black Material Solidified in a 55-G drum.
EP-6-YP	Lab Containers Containing Yellow Paste-like material excavated from EP#6

1615 TAT Started preparing the above-mentioned Samples for haz. Cat.

1730 Completed Haz. Cat.. Results were documented on the Compatibility analysis sheet (Can be found in the OSC Appendices file # ~~E-3~~ 4-5 3-F).

TAT prepared Samples for lab Shipment, analysis are the following (per OSC's instructions)

- EP-6-oil will be analyzed for PCB, Semi-VOCs and Lead only
- EP-6-YP will be analyzed for Metals only
- EP-6-DRUM will be analyzed for PCB, Metals

TOT-9503-007 Sampl. Site G 5/10/95
EIC086FAP WED

Continue 1730 hours entry...
and Semi-VOCs.

1730 TAT Started preparing replacement Volume for Samples OP-2 and White-1 that were sent for PCB-Pre-Cursor analysis at EMT and were broken during shipping.

1809 All Samples were Chained and relinquished to ERCS R.M Ken Bring
ERCS Still Solidifying OP-2

1815 Backlog 20-ton load of Code L-Lime was received @ 1430 hours.
ERCS Clerk worked 1½ hours on this project on 5/9/95. Work report for that day reflects that.
ERCS Still @ OP-2 Solidifying
ERCS R.M. Ken Bring and Clerk T. Casilino departed site to pick up a rental car from Casilino to replace the troubled plu truck.

1845 OSC & TAT departed site
ERCS departed site @ 1830

5/10/95

T05-9503-007 Sauget, Site G 5/11/95 5/10/95

EIL0860FAA THUR

0700 TATm arrived at site, OSC Borries at site
ERCS crew; R.M Ken Braig, Foreman R. Keys
Operator/Laborer Kevin Hamms, Laborer R. Varady
Field Clerk Tom Casilino, are at site.
Weather cloudy, 62°F, winds out of East @
2-3 mph.
Scheduled work for today,
ERCS to complete solidification of OP-2
, Code & lime is doing the job, and to
backfill EP#6.
TAT to amend sampling plan to include
all additional sampling (deviation).
- Amend Air monitoring program
- Complete tracking of ERCS 1900-55.
- Complete photo log
- Continue ERCS performance monitoring.
Some of these tasks, TAT's tasks, may
spill over to 5/12/95.

0750 ERCS entered hot zone to continue solidification
of oil pit # OP-2
Addition to TAT's task
Sample the cultivated field for dioxin
analysis. Send one sample collected from
EP NO EP-5 for lead analysis where
battery casings were found.

0845 TAT stoped working on the site photo log
and preparing for dioxine sampling of the
cultivated field southwest of the site fenced area

5/11/95

T05-9503-007 Sauget, Site Cs 5/11/95

EIL#86#FAA THUR

0850 OSC Barnes request a grid - Sampling Pattern, three Composit Samples.

As the following

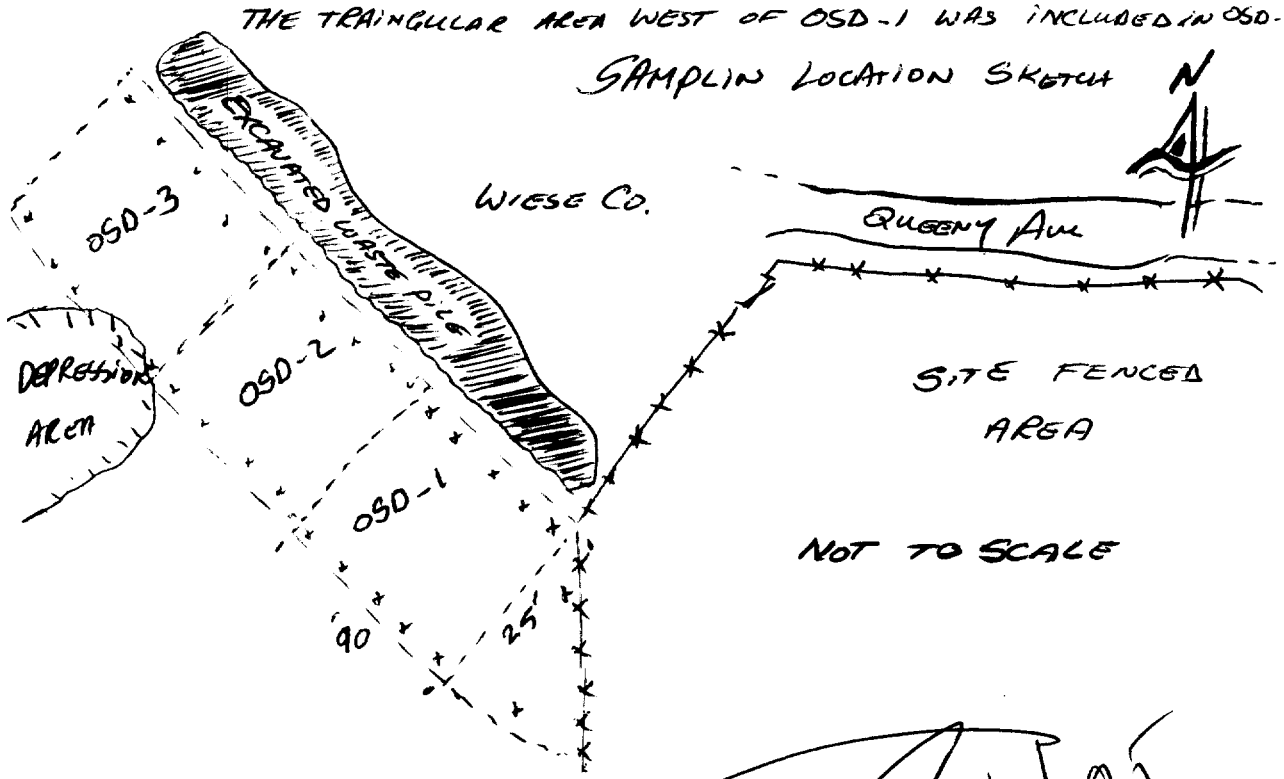
OSD-1 OFF-SITE COMPOSIT SOIL SAMPLE Collected FROM 90X25 grid FROM THE AREA SOUTHEAST OF THE SITE FENCED AREA. SEE SKETCH. COLLECTED @ 0930

OSD-2 OFF-SITE COMPOSITE SOIL SAMPLE COLLECTED FROM 90X25 GRID FROM THE AREA EAST OF OSD-1 LOCATION. SEE SITE SKETCH. COLLECTED @ 0935

OSD-3 OFF-SITE COMPOSITE SOIL SAMPLE COLLECTED FROM 90X25 GRID EAST OF OSD-2 LOCATION COLLETED @ 0940.

THE TRAINGULAR AREA WEST OF OSD-1 WAS INCLUDED IN OSD-1

SAMPLIN LOCATION SKETCH



5/11/95

TOS-4503-007 Sauget, Site G 5/11/95

EIL086DFAA THUR

1015 TAT Completed Sampling and documenting the required Chain of Custody. TAT also prepared Soil Sample EP-5-Soil. THIS SAMPLE IS A grab Soil Sample collected FROM UNDERNEATH THE BATTERY CASINGS AT EXPLORATION PIT NO EP-5. THE SAMPLE WAS ADDED TO THE EXISTING CHAIN OF CUSTODY THAT WAS PREPARED ON 5/10/95 FOR THE SAMPLES COLLECTED ON THAT DAY. SEE PAGE 87 & 88 FOR DETAILS.

10:15-1130 TAT Completed review of draft 1900-55 for ERCS. This 55 contained a lot of final Charges for Sample analysis Charges. TAT review these Charges against the work order and the Chain of Custody.

1200 TAT brakes for lunch.

1230 TAT plots exploration pits EP-1 THRU EP-6 on the Site map

1330 TAT Started amending the QA/QC Sampling plan.

1400 Draft was given to OSC

1400-1500 TAT & OSC entered hot zone

ERCS crew two operator and a labour started excavating 1-Foot entered from the South east corner of the site. Operator hours for K Hamms started at 1345 No operator hours should appear before that. TAT and OSC at a location with bright black material. Some of that material is Softened by Sun heat (~70°F) and the bottom of it (away from Sunlight) is hard

[signature] 5/11/95

T05-9503-007 Sweyer, Site G 5/11/95
EIL086DFAA THUR

OSC requested a sample from the black material, TAT will haz. Cat.

1505 TAT started haz cutting

1525 The black Material Sample, No. SH-BK is Chlorinated material and dissolves in hexane. OSC recommends PCB analysis at an off-site lab. The sample was numbered Chained and awaiting OSC instruction for lab Shippment

1530-1630 TAT prepared draft POLREP #6, drafted in on OSC's desk for review.

1800 All Teams departed Site

5/11/95

T05-9503-007 Sauget, Site G 5/12/95 ~~5/11/95~~ S.S

EIL08G0FAA ~~THUR~~ S.S FRI

0700 TATm Sirhan arrived at site, OSC Borries @ site, ERCS crew is at site
Weather, cloudy, temperature 65°F, wind calm out of Southeast.

0730 TAT incorporated OSC's comments for POLREP No 6. OSC approved final draft. TAT okayed to send POLREP

0800 TAT activated POLREP Transmission via NorthGate Fax Software. Transmission in progress.
TAT prepared cost documentation work-sheet for 5/11/95 and updated the site I.O.L. for U.S. EPA direct, Indirect and TAT accounts.

0830 A load of Code L lime arrived, approximately 25-ton load. Another 25-ton load arrived. Both truck-wire dumped.

0845 TAT down-range, photodoc oil pit No OP-2 and other site activities
At oil pit OP-2, the material inside the pit seems spongy, but better than before, more incubation and Code L lime will be added.

1000 Out of hot zone got 1900-55 Final for 5/11/95 and draft for 5/12/95 on OSC's desk.

1100 OSC departed site, OSC requested TAT to stay on site as long as ERCS are in the hot zone.

1200 ERCS crew inside hot zone, completing OP-2 solidification by adding more Code L lime

[signature] 5/12/95

TOS-9503-007 Sauget, Site 5/12/95
EIL0360FAA FRI

1300 ERCS crew as the hotzone after 15 minute brake. At OP-2 location to continue solidification. Operator hours for ERCS Kevin Hamms started @ 0800 and is on-going.

1315 Vendor of load equipment until RESCO visited the site.

1330 Wind is changing ~~Our~~ S.S course to South West. no Odor problem nor fugitive dust is being observed.
TAT completed organizing sample results files with summary page for each patch.
Solidification Work is on-going.

1345 ERCS crew completed solidifying OP-2 The pit will be examined on 5/15/95 after an incubation period.
ERCS crew ~~stat~~ S.S started excavating soil from the Southeast corner of the the site to generalize the area slope.

1430 ERCS crew pulled out of the hotzone no further hot zone work. Work Orders for 5/12/95 and 5/15/95 have been reviewed by OSC Borries prior departure.

1435 Site preps. for the weekend has started. TAT m Sinha will leave momentarily. will remobe back to site area on Monday 5/15/95

END OF Day

[signature] 5/12/95

TOS-4503-007 Savoy, Site G 5/15/95

EIL086PFAA MON

0915 TATM Boarded Southwest Airlines flight #251 to St. Louis.

1208 Arrived at site, delays due to trouble with car rental company and construction delays on I55 East bound.

Weather at site area:- Sunny - Clear temperatures @ 66°F, winds out of northwest @ 2-3 mph. Ground condition dry and may create dust with heavy equipment traffic

R.M. Ken Brais informed me that OSC Barnes is attending a meeting with IEPA @ Collinsville Office concerning other sites for assessment.

ERCS Crew; R.M. Ken Brais, Foreman R. Keys, operator/laborer K. Hamms, laborer R. Varachy and Field Clerk T. Casilino.

ERCS Crew is completing solidification of oil pit OP-2. Two members are extending fire hose to the southeast corner of the site where earthmoving operation is creating mild dusty conditions. Work @ OP-1 may start later on today.

OSC left TAT comments on the old QA/QC Sampling plan. The plan was amended to include all sampling activities completed so far except for Air Sampling when it is included in a separate document titled Air Monitoring Program.

1300 Ken Brais, ERCS Response Manager went to Dupo area, the location of Clean fill quarry, to collect in-situ sample of the clean fill.

1330 TAT continued to work on updating the QA/QC Sampling plan, not done yet.

S

TO5-9503-007 Sauget, Site G 5/15/95
EIL0860FAA MON

Continue 1330 Entry...
ERCS Crew excisted hot zone for ~~a break~~ S.S break. Foreman R. Keys stated that while solidifying dust at OP-2 location new liquid phase black-tar kept seeping into the hole. ∴ additional material to solidify.

1415 TAT enters hot zone to verify the mag. of liquid tar seepage into OP-2 and photo-document it.
ERCS R.M. Ken Brian arrived at site with the collected soil sample from the Clean fill quarry.

1430 TAT in Hot zone, OVA readings down-wind from ~~OP~~ S.S. OP-2 area is 15-20 ppm above background readings, no visible dust is being formed, dust suppression is ongoing by ERCS.
@ OP-2 ERCS operator R. Key kept getting black tar at the bottom of the hole. The tar filling-in the hole is not slough-off because it ~~oozed~~ is oozing from the bottom of the hole.
TAT Photo & radio documented the incident

~~1315 - 1330~~ 1530 ERCS & TAT excisted hot zone
SS to consulte with OSC Barrier.
OSC arrived at site after conducting meeting with IEPA. OSC requested a fresh sample from the material since it looks more original material rather than a mixed waste.

[signature] 5/15/95

TOS-4503-007 Sanegal, Site 4 5/15/95

EIL 0860 FAA Mon

EKCS & TAT will collect the sample by emptying the hole from the sloughed off material to reach more pure black tar.
The sample will be analyzed for Semi-VOCs, & PCB,

1545 EKCS on break

1550 OSC + TAT entered hot zone to evaluate the situation at OP-2. OSC observed the "oozing" sludge and oil. TAT called a sample. OSC request not to run any analysis for the time-being and avert sample results for OP-2-oil.
Sample which was collected for the same material.

1700 out of Hot zone, OSC Ionics received a call from Sierra Club rep.
OSC returned the call and up-dated the party on the other end about the progress of the site.

1720 Ionics, Inc. faxed partial lab ~~[illegible]~~ SS results for dioxin analysis, ~~Sep~~ SS samples included ~~CH~~ SS CSH-28, 7, 19, 11 and a blank.
The highest concentration @ CSH-23
OSC reviewed the results. TAT filed it.

1730 TAT completed a draft 1900-55 for 5/12/
Add teams departed site

[signature] 5/15/95

TO5-9503-007 Sauget, Site G 5/16/95

EIL086OFAA

0700 Weather Thunder storm dangerous @ time with flash flood warning is prevailing at the area. The National Weather Services issued a tornado warning for the site area.

ERCs ~~[illegible]~~ @ OSC @ site, no work is being done, troops will go home. Originally OSC requested ERCs not to report to the site area if weather conditions don't allow work, Ken Bray, ERCs response Manager was trusted with the responsibility of calling all ERCs personnel and ask them not to come if weather conditions don't allow work.

0710 Rain is continuous more than 8" of rain in a span of three hours.

0715 A load of Code C lime arrived at site OSC & R.M decided that ~~the~~ unloading is not recommended and the load should be sent back.

0730 A load of inch-less of gravel arrived load was unload at site.

Two more loads of less than 1" gravel arrived at site via Garrett's trucking

0800 TAT photo-document surface run-off originated from site onto Queeny Avenue, and overflow at Dead Creek coming from Queeny and site area.

0900 TAT started working on the QA/QC Sampling plan. Work is not done yet

[signature] 5/16/95

95 TOT-4503-007 Sauget, Site G 5/16/95
EIL0860FAA

0930 TAT started cleaning OVA Unit #2 and calibrating it.

1000 OSC instructed TAT to screen a subsidence hole ~ 5' south of the command post. The hole caved in with the effect of rainfall. OVA readings in the breathing zone were background, inside the hole they were consistently >1000 ppm and decreased to 200-300 approx. 6" above ground level. LEL/O2 % reads 20-25% LEL & 15-18% O2% inside the hole. Reading 6-8" above the hole were 20% O2 & <5% LEL.
TAT screened the area downwind from the hole the were 1-2 ppm above background at 6" above ~~background~~ ground level. In the breathing zone they were background.

1115 OSC and TAT surveyed the hole for vapor emissions, OVA readings were unchanged: high reading (>1000 ppm) inside the hole, and decreases to 200-300, 6" above the hole. LEL @ 20%. O2 displaced to 15%. Downwind readings were unchanged also.

1140 TAT returned to the hole for periodic air monitoring. Readings were drastically reduced to 20-30 ppm inside the hole. LEL/O2 %'s are back to normal.
OSC departed site for lunch. OSC requested ERCS crew to depart site after completing 4½ hours of work and delay work on the well casing until other time. TAT will inform R.M. Ken Brown upon their arrival for training a casing extension for one of the monitoring wells.

TO5-9503-007 Sanget, Site 6 5/16/95

EIL086DFAA

1210 R.M. Ken Bleig and Foreman R. Keys arrived at Site after buying a well casing protector. R.M. was informed of OSC's request to leave site after completing 4 1/2 hours of work for today.

1230 ERCS personnel departed site.
TAT broke for 1/2 hour for lunch.
Weather change.. Skies are clearing, more rain and thunder storms heavy at time are

1330 TAT SIRHAN AND OSC ENTERED HOT ZONE. OSC & TAT COLLECTED TWO WASTE SAMPLES FROM YELLOW PELLET LOCATED ~10 FEET SOUTH OF OIL PIT NO OP-2. TAT COLLECTED ADDITIONAL PHOTOS OF THE WASTE AND SITE STATUS.

1430 EXITED HOT ZONE, ERCS CREW IS EXCAVATING SOIL AROUND THE SITE SOUTHEAST CORNER AND GENERALIZING THE SLOPE OF THE ARE
ROCK TRUCK COMPLETED DELIVERY. TOTAL NO OF TRUCK IS 32 TRUCKS, TOTAL ~~SHOULD~~ IS ~ 480 TONS.

1530 ERCS CREW STARTED PREPARING FOR WIESE AREA EXCAVATION. TAT SPRAY PAINT THE AREAS OF CONTAMINATION FOR EXCAVATION

~~1400~~ 1600 ERCS START EXCAVATION NO VISUAL DUST

1700 TAT stationed OVA on continuous air reading ~~downwind~~ downwind FROM EXCAVATION AREA
S.S
READING AR 1-2 ppm (BACKGROUND IS 2ppm)
OVA IS CONTINUOUS mode.

[signature]

T05-9503-007 Sauget, Site G 5/17/95

EIL0860FAA ~~TUSE~~ WED

0800 TATm Sirhan and OSC Borrias arrived at site.

Weather, Rain, thunder storms are prevailing at the Site Area. ERCs were requested not to report to work today.

TAT has worked on site photo log and cost documentation under OSC's supervision

OSC worked on RFP's and other site related matters.

1630 TAT & OSC departed site

END of Day

Gary Sirhan

5/17/95

T05-9503-007 Sauget, Site G 5/18/95
EIL086 FAA THUR

0800 TAT and OSC Borries arrived at site. Weather trend including strong thunder storm dangerous at time will continue through and today.
TAT worked on incorporating OSC's comments on the QA/QC Sampling plan.
Draft was given to OSC

1330 Strong thunder storms and lightening surged OSC & TAT to departe site for today.
The site is covered with ponded rain water. TAT collected photo & vedio docs of the situation.
TAT & OSC departed site to the hotel, safer area

END OF DAY

Sam Silver
5/18/95

TOS-9503-007 Sauget, Site G 5/19/95

EIL0860FAA FRI

0650 TAT arrived at site. ERCS crew is arriving at site, OSC Borries arrived at site.
Weather, partly cloudy, will clear later.
Winds out of northwest @ 3-5 mph. temperature 55°F will rise to 72°F.
TAT screened the sink hole south of the Command post, readings inside the hole are in the range of 100-200ppm, Readings approximately 24 inches above ground level and directly downwind are in the range of 3-7 ppm. Readings subsides to background in the breathing zone.
LEL/O2 readings were slightly above background; LEL ~ 5%, O2 ~ 19.5% (background is 20.5%)

0745 TAT completed drafting WORK ORDER FOR 5/19/95
TAT drafted GOV 1900SS FOR 5/17/95 - DRAFT ON OSC'S DESK.
ERCS CREW IS PREPARING FOR ROCK DELIVERY AND REPAIRING SITE WATER LINE.

0815 ROCK DELIVERY STARTED.
TOTAL TRUCKS are THREE

0840 OSC Borries and RESPONSE MANAGER BRAIG DEPARTED SITE G FOR SITE Q TO CHECK THE STATUS OF THE SITE AFTER THE HEAVY RAIN.

0900 TAT drafted POLREP #7. ERCS still receiving rock delivery.

~~1000~~ 0930 OSC Borries and RESPONSE MANAGER Braig ARRIVED AT SITE FROM SITE Q.

1000 TAT DEPARTED SITE FOR BLOOD TEST AND SWIN-BY SITE Q FOR PHOTO DOCUMENTATION
ONE HOUR IS CHARGABLE TO SITE Q (1100-1200)

1200 ARRIVED AT SITE G STARTED WORKING ON 1900-SS AFTER BEING COMMENTED UPON BY OSC

[signature]
5/19/95

T05-9503-007 Sauget, Site G 5/19/95

EIL ∅86∅FAA.

ROCK DELIVERY IS ON-GOING. OSC IS WORKING ON THE DRAFT POLREP No. 7. TAT IS MAKING OBSERVATION COMMENTS IN SITE Q LOGBOOK.

1720 OVA READING ARE STILL IN THE RANGE OF 1-2 ppm (Background is 1-2 ppm) ERCS PERSONNEL ARE MINIMIZING DUST BY USING WATER AS A SUPRESSENT. WORK IS ON-GOING.

1740 OVA Reads Background and no visual dust is being generated. Dust Suppression is on-going.

1830 ERCS Crew Completed excavating 1-FOOT FROM AN AREA 30X30 AT THE SITE GATEWAY BACKFILL IS IN ~~PROGRESS~~ PROGRESS. EXCAVATION OF THE REMAINING OF WIESE AREA WILL BE CARRIED OUT ON 5/20/95

1910 BACKFILLING of the Gateway is on-going

2000 BACKFILLING OF EXCAVATED GATEWAY IS Completed. ERCS ARE PREPARING FOR DEPARTURE

ALL TEAMS DEPARTED SITE

5/19/95

T05-9503-001 Saugat, Site G 5/20/95

EIL 0860 FAA

0700 TAT arrived at Site. OSC Barrios at Site, ERCS Crew - R.M. Ken Barrios, Foreman R. Hays, Field Clerk T. Casilino, operator/laborer K. Hamms, laborer R. Vasady.

Weather: Clear, 59°F, winds Calm out of Southwest.

Tasks for ERCS: Continue to excavate Wiese Area. Backfill. TAT to assist and photodocument.

0725 OSC Barrios and TAT setup road blocks to indicate the area to be excavated from Wiese and protect the Queensway Avenue traffic.

0740 EXCAVATION is PROGRESS. No visual DUST, DUST SUPRESSION is ON-GOING. OVA and LEL/O2 Readings at the sink hole located 5' South of the Command post is as follows

- INSIDE THE HOLE OVA READS 30-50 ppm, LEL/O2 ARE BACKGROUND
- 1 FOOT ABOVE (DIRECTLY) READINGS of OVA DECREASE TO 10-20 ppm
- IN BREATHING ZONE DOWNWIND FROM THE HOLE READINGS ARE BACKGROUND.

0900 ERCS CREW is EXCAVATIN WIESE AREA TAT COLLECTED PHOTO + VIDEO DOC. TAT COMPLETED TRACKING OF ALL AWAIT CHARGES TO-DATE

OSC is IN HOT ZONE EVALUATING ERCS PERFORMANCE.

0930 TAT COMPLETED A PERIMETER A.M MONITORING AROUND THE EXCAVATION ZONE, ALL READINGS IN BREATHING ZONE WERE BACKGROUND,

5/20/95

TOT-9503-007 Sargent, Site G 5/20/95

EFL0864FAA SAT

READINGS AT THE SINK HOLE 5' SOUTH OF THE COMMAND POST ARE BACKGROUND IN BREATHING ZONE, READING BELOW BREATHING ZONE AND DOWNWIND ARE BACK TO NORMAL.

NO VISUAL DUST IS BEING OBSERVED

DUST SUPPRESSION USING WATER IS ON GOING. —— SHS ——

1010 ERCS CREW COMPLETED EXCAVATING APPROXIMATELY 12" of GRID No. 28 of WIESE AREA AND THE RAMP AREA THEY USED FOR THE MACHINES.

CREW EXITED FOR A BREAK.

11:00 OSC REQUESTED TAT TO COLLECT TWO SOIL SAMPLES FROM THE BOTTOM OF THE EXCAVATION OF GRID # 28 of WIESE AREA. TWO SAMPLES WERE COLLECTED

SAMPLE No	TIME/DATE	DESCRIPTION
WA-38	1100/5-20-95	REDDISH SANDY TEXTURE MATERIAL ECOUNTERED AT 12" BELOW GROUND LEVEL IN WIESE AREA ~ 80' WEST OF THE SITE GATE
WA-39	1100/5-20-95	REDDISH TO BROWN FINE TEXTURE MATERIAL (LIKE IRON RUST) ENCOUNTERED AT 12" BELOW GROUND LEVEL AT WIESE ~ 100' WEST OF SITE GATE

TO 5-9503-007 SALGOT, SITE G 5/20/95
EIL0360FPA SAT

OSC REQUESTED TO ARCHIVE SAMPLE UNTIL LATER DATE. NO ANALYSIS WERE REQUESTED. ERCS STARTED USING CASE 780 TO BACKFILL GRID No 28 OF WIESE AREA. APPROXIMATE DEPTH OF EXCAVATION IS AT LEAST ONE FOOT AND NO MORE THAN 16" IN SOME PARTS.

1145 BACKFILLING of GRID No 28 of Wiese Area is on-going.

1300 ERCS crew completed backfill of GRID No 28, break for lunch.

1330 Back on the job.

1400 TAT & ERCS crew in Wiese Area excavating WA-1, WA-2, WA-3, WA-4 grids.
Dust suppression is on-going.
OVA is down, blame-out.
LEL, O2/. Reads back ground down wind from the excavation area.

1450 TAT collected ~~five samples~~ four samples

WA-40 1500/5-20-95 Sample of dark brown sandy fraction material ~7 feet west of the common post encountered @ 1' below grade line

WA-41 1500/5-20-95 Creamy white paste from the sink hole ~5' south of the common post

WA-42 1500/5-20-95 Sandy fraction fine grain material from grid WA-3

TO 5-9503-007 Sauget, Site 6 5/20/95

EIL086 0FAA

SAMPLE ID.	Date/Time	DESCRIPTION
WA-43	5-20-45/1500	Green Metalic Fibers.

~~1630~~ G.S

1630 ~~Tas~~ Completed hazardous cutting of all Collected Samples WA-38 thru WA-43 Results were logged in a Compatibility Sheet., File B-3.

1715 ERCS CREW COMPLETED EXCAVATING APPROXIMATELY 1' FROM GRIDS NO WA-1 THRU WA-4 ERCS CREW COMPLETED BACKFILLING THE EXCAVATION WITH CLEAN FILL. THE REMAINING OF WIESE AREA WILL BE EXCAVATED ON 5/22/95. THE REMAINING TASK FOR TODAY FOR ERCS IS TO LEVEL THE BACKFILLED AREA AND COMPACTE IT PRIOR TO STARTING BUSINESS AT WIESE COMPANY ON 5/22/95.

1800 TASKS FOR TODAY WERE COMPLETED PREPARING FOR DEPARTURE FOR THE WEEK END

1815 The site was secured and all teams departed site.

[signature] 5/20/95

TO5-9503-007 Sauget, Site G 5/22/95
EIL0860FAA

0700 TAT Serhan arrived at site, ERCS crew started arriving at site, R.M Ken Bray Field Clerk Tom Casilino, Laborer Robert Varady arrived at site
Weather partly cloudy, temperature at 59°F, will reach highs of 65°F.
Winds calm 2-3 mph moving from southeast
Tasks for today:- (per signed work order).

- ERCS to continue solidification OP-2
- Continue excavation of Wiese area after business hours.
- Procure more Code C lime.
- TAT to prepare six samples for VOCs, PCB, Metal analysis
- ERCS + TAT to complete cost tracking paperworks for Government and ERCS contractor.

0830 TAT completed draft government 1900-55 for 5/20/95, Draft is on OSC's desk for comments.
OSC arrived at site.
ERCS crew is ~~[illegible]~~ S.S excavating soil along the fence line at the southeast corner.

0930 ERCS crew is working in two teams, First team is using 455 John Deer to compact the backfilled area of ~~[illegible]~~ S.S Wiese Area. Earlier this morning Wiese's personnel experienced trouble driving over this area. The second team is excavating along the fence line near the northeast corner.

TOS-9503-001 Sauget, Site G 5/22/95

EIL0860FAA

1030 TAT Completed cross check with cost documentation of RORs and site files

TAT prepared an amendment for site Q, TOS-9502-010. Amendment awaiting T. Spargo go-a-head. Awaiting Response

TAT prepared form 1900-55 for May 20, 1995

1130 ERCS crew at the Southeast Corner of the site generalization of site slope. No visual dust is being generated the ground still moisted.

TAT marked the remaining area of Wipe to be excavated.

1210 ERCS CREW EXITED HOTZONE BEGAN FOR LUNCH.

1310 All teams are back from lunch. OSC discusses ~~job related~~ work related issues for the afternoon with ERCS Foreman R. Kays. OSC requests ERCS to pump pooled rainwater on the site for dust suppression and speedup the evaporation process, prepare fire hose at the West end Wipe area for dust suppression. Meanwhile ERCS should continue to generalize the fenced area slope.

1330 OSC Barrios and TAT m Sinhan entered hot-zone, TAT collects a sample (SH-BK, See page 92 of this logbook). The sample will be archieved for PCB-Pre-Cursor analysis once PCB analysis (SW-846 Method No 8080) is completed.

TAT completed C.O.C for all samples collected up to date (see previous entries).

5/22/95

T05-9503-007 Sauget, Site G 5/22/95

EIL#86P FAA

1500 All Sample are boxed and ready. OSC reviewes C.O.C. and approved of it. T. Casilino, ERCS Field Clerk delivering Samples to ENVIRONMETRICS.

1510 A Roller Compactor was delivered to the Site the Compactor size is CC-10 4,000 lb dead-load SS. The machine is on rental agreement with Erb Equipment. ERCS performed market Survey and prepared three bid analysis for this rental. Bids info are on file.

1600 ERCS Started preparing Wiese Area for additional excavation at grids NO 10, and WA-3 & 4.

1700 Excavation is on-going. No visual dust is being formed dust Supression is Continuous.

1735 ERCS Completed excavating 25x25 area at Wiese, preparing for backfill and Compaction. TAT Collected Samples NO WA-44, WA-45, WA-46,

Sample ID NO

1740 WA-44 Black hard crystalized material formed at Wiese area ~ 12" deep collected @ 1700

WA-45 Yellow pellets formed at Wiese area ~ 12" deep, collected @ 1700

WA-46 Orange material for excavated deteriorated drums in the area collected @ 1715.

[signature] 5/22/95

TO5-9503-007 Sauget, Site 9 5/22/95

EIL0860FAA

1830 TAT prepared draft work Order for today and 5/23/95. OSC is reviewing

1930 Backfill and Compaction is on-going at Wiese Area.

At 1920 ERCS Operator Kevin Hamms was operating the Roller Compactor. Operator Kevin got close to Wiese's building and dented the external siding of the building on the RHS of the employee Entrance door. OSC requested TAT to photo-doc the incident.

1940 Backfill and Compaction is on-going.

2000 ERCS Crew is PREPARING FOR DEPARTURE.

Sauget Site

5/22/95

T05-9503-007 Sauget, Site G 5/23/95

EIL0860FAA

0700 TAT m Sirkin arrived at Site, OSC Borries at Site, ERCS Crew at Site;
Response Manager K. Braig, Foreman R. Keys, Operator Kevin Hamms, Field Clerk T. Casilino, Laborer R. Varady
All Teams at Site.
Weather. Sunny to partly cloudy temperature at 59°F. will become rainy and stormy:

0715 TAT is working on updating cost tracking files.

0750 TAT completed updating IOC Files, and preparing draft Government 1900-55 for 5/22/95
All work is on OSC's disk for review and comments.

0800 ERCS Crew is compacting Wiese Parking lot and ~~excavating~~ and preparing for Code C lime S.S. delivery on the ~~South~~ north east corner of the site.

0810 TAT SS enters hotzone (Level C), ERCS crew preparing for lime delivery.

0830 A 26 ton Code C - lime arrived at site. Load was delivered

0840 ERCS Crew started pumping ponded rain water from OP-2, preparing for continued solidification.

0900 A second lime truck was delivered and unloaded. Total tonnage of lime is approximately 52 tons.

0915 TAT existed hot zone. Solidification is underway.

0930 TAT returned to hotzone for photo video-documentation and perimeter/breathing zone air monitoring.

[signature] 5/23/95

TO 5-9503-007 Sauget, Site 6 5/23/95
EIL #860FAA

0950 TAT photo-docs continuing solidification of oil pit No OP-2, No visual dust is being observed. Dust Suppression using water is on-going ERCS team composed of two operators and a laborer.

Air monitoring documented the following:-

AREA	READING + Comments
WORK AREA @ - OP-2	5-10 ppm above Background. ERCS personnel are in level (C).
- near the north fence line	Readings are 5 ppm above background
- General Area Breathing zone	5 ppm above background

1050 TAT exited hot zone. OSC Borries departed site for a meeting with IEPA reps at Collinsville Office. OSC requested ERCS to take a ½ hour lunch if weather stays dry. If rain is observed lunch shall be one-hour to allow time for evening excavation of the remaining of Work Area (~ 40 X 30) area.

ERCS Crew is still in hot zone solidifying OP-2

Williams office rep arrived on site to repair faulty copying machine machine will be replaced by another unit.

TOS-4503-007 Sauget, Site G 5/23/95

EIL0860FAA TUSE

1130 ERCS crew breaks for lunch, one-hour lunch.

1230 ERCS are back from lunch, gearing up (Level C) for hotzone work.

1250 INSIDE HOTZONE, ERCS will continue to solidified O.L pit No. OP-2.

1315 TAT enters Hot zone.

1435 TAT exited hotzone

TAT collected photo-docs of continued solidification at OP-2, ERCS labor R. Varady pumping rain water from ponded areas onto the surface of the site. OVA Readings at work area are in the range of 5-10 ppm downwind from staging zone.

No visible dust is documented.

OSC entered hot zone as TAT was leaving it.

1500 A load inch-minus gravel was delivered at the site, ~16 tons per load.

Williams Office Supplies rep arrived at site to repair the present copying machine.

1515 ERCS crew on break

1525 TWO additional loads of 1/2 inch-minus were delivered to the site.

1600 A Forth inch-minus gravel load arrived at the site Total tonnage is 60 tons of inch-minus gravel.

1630 TAT drafted POLREP No. 8 for transmission on 5/25/95 (THURSDAY). Draft is on OSC's desk.

TOS-4503-007 Sauget, Site G 5/23/95

EIL 086 FAA

ERCS crew is back in hot zone (since 1530)
Solidification at OP-2 is on-going.

1650 ERCS contractor started working on completing backfill and compaction at Wiese Company parking lot.
A laborer is fixing the faulty water-line at the site. Work is on-going.

1830 ERCS crew is compacting Wiese area and trying to hookup a water line for compaction

1930 Backfill and compaction operations are on-going.
TAT completed work report for 5/23/95 and prepared draft work order for 5/24/95. OSC reviewed and approved.

2000 TAT collected after-photos of Wiese parking lot.
All teams preparing to depart.

5/23/95

TOS 4503-007 SAUGET, SITE G. 5/24/95
EIL Ø86Ø FAA WED

0700 TATM Sirhan arrived at site, OSC Borries at site, ERCS crew at site. Weather:- cloudy, rain in forecast, sprinkles of rain. Temperature @ 58°F, winds out east at 2-3 mph. Warnings of flash floods and trenchant rain and thunder storms is in effect. OSC request TAT to collect a surface water sample from the ponded rain water at the site.

0715 ERCS crew started compacting Wiese parking lot. OSC departed site for meeting IEPA @ 800

0830 TAT completed draft government 1900-55 for 5/23/95 and updated I.O.C files. Draft 55 is on OSC's desk for review.

0900 ERCS crew is repairing the faulty water line and preparing for additional Code C lime delivery

0930 Ken Thyson of the U.S. EPA called for OSC Sam Borries TAT took a message. Two loads of Code C lime were delivered to the site. Approximate tonnage is 52 tons (26 tons per load).

1010 Paul Tackas of IEPA arrived at site. ERCS contractor has completed repairs for the faulty water line. OSC Sam Borries arrived at the site meeting with Paul Tackas of IEPA.

1030 TAT started incorporating OSC's comments on POLREP NO 8.

1109 OSC Borries and IEPA P. Tackas departed site to assess situation @ site Q.

TOJ-9503-007 Sauget, Site Q 5/24/95
EIL#864FAA.

1200 OSC Borries and IEPA rep. P. Tackas arrived at site from Site Q.
ERCS breaking for lunch.
Wiese employees removed their machinery from the remaining area to be excavated this afternoon.

1300 ERCS crew is back on the job, started preparation for Wiese Area excavation.

1330 ERCS crew started excavating at Wiese area. City of Sauget, Street Sanitation Department personnel cleaned the manhole located on the northeast corner of the site fenced area. A two-man team of ERCS SS is covering the lime pile. Rain (sprinkles) started after lunch

1400 TAT conducted work zone perimeter air monitoring readings, All OVA reading in work zone and at Wiese's Company gate are background No visual dust is being seen.

1500 TWO loads of inch-~~minus~~ minus gravel were delivered to the site SS, a third load is being delivered for a total order of three loads.

1600 TAT prepared draft POLREP#9 and finalized government 1900-55 for 5/23/95 All paperwork is on the OSC's desk

1700 Perimeter air monitoring and dust observation OVA readings at work zone and breathing zone is are background, No dust was observed

TOS-4503-007 Sauget, Site 6 5/24/95
EIL0360FAA WED

1715 ERCS Contractor Completed the excavation of Wiese Area. Backfill ops are on-go.

1730 780-Case Back hoe is (109) broken. Seems to be transmission prob.

1800 TAT Completed work report for 5/24/95 and Work Order for 5/25/95. OSC reviewed and approved

1840 Backfill and Compaction ops of Wiese Area are on-going.

1430 No more gravel at the site
ERCS stopped work for today
Rain is in the forecast.

2000 All Teams departed Site

5/24/95

TOS-9503-007 Sauget, Site G 5/25/95

EIL086FAA

0700 TATM Sieber arrived at site OSC Sam Barnes at site. ERCS crew Foreman R. Kays, Field Clerk T. Casilino, operator/laborer K. Hamms, Laborer R. Varady are at site. Response Manager K. Brais has not reported to the site yet.

Weather:- Rain, Cloudy, Temperature @ 59°F, Winds moving from north west. More rain is forecasted.

Tasks for today:- All normal on-site will be delayed due to continued rain.

0800 ERCS Crew is working on compacting Wiese parking lot and backfilling excavation at the southwest corner of the fenced area

0900 TAT completed 1900-55 for 5/24 and 5/25. All approved. TAT started working on POLREP #8'

0915 TAT completed Draft POLREP #8

0930 OSC reviewing POLREP No 8. ERCS Crew is backfilling the remaining excavation of Wiese and compacting it. Rain weather continues to prevail at the site area.

1000 OSC review and approved POLREP #8 POLREP in Transmission.

1100 ERCS completed backfilling the remaining excavation. Compaction ops in progress. ERCS Laborer started decontaminating 455 JD and 780 Cam.

[signature] 5/25

TOS-9503-007 Sauget, Site G 5/25/95

EIL086PFAA

1200 ERCs Completed Compaction of Wiese Area. preparing for departure

1300 All teams departed Site except TAT on Site.

Samuel Sinha 2/25/95

TOS-9503-007 Sauget, Site G 5/30/95
EO EIC0860FAA TUSE
SS

1245 TAT arrived at Site Area. departed Chicago Midway Airport @ 10:15. Arrived at Lambert St. Louis 1130, picked up rented Car from Alamo and drove to Site OSC present at Site, ERCS Crew is at Site.

Crew Composed of Ken Brain as a response Manager, Field Clerk T. Casilino, Operator/foreman R. Kay, Operator laborer K. Hamms, and laborer R. Varaday

Weather:- Sunny, Clear temperature @ 75°F, Winds Calm less than 1-2 mph out of Southwest.

1300 ERCS Crew is solidifying OP-2 TAT is preparing to enter hot zone.

1315-1430 TAT entered hot zone for Contractor performance and air monitoring. Air monitoring readings directly down wind from Solidification Area reads to 10-15 ppm above background. Solidification is in progress at OP-2.

In the Island between OP-1 and OP-2 and under traffic of 5A 455 an oil spot sprang out. estimated depth is approximately 2-3 feet OSC witnessed the area.

Oil and Sludge still exist at the bottom of OP-2.

Sammy Sik

TO5-9503-007 Sauget, Site G 5/30/95
EIL0BG0FAA TUSE

1500 KNDL/TV Channel 30 of St Louis visited the site. The reporter is being briefed by OSC Barrier. ERCS Crew is on break.
OSC made a camera appearance brief
OSC mentioned the following:
- EPA presence to ~~elliminated~~ elliminate direct threat to nearby human and animal populations.
- Cover the landfill with a soil cover.
- Solidify oil pits at the site.
- OSC mentioned the fact that residents of the area have nothing to worry about, all spill and emissions are controlled.
- OSC mentioned that contamination got into the groundwater and no nearby human population consumes that water.

1600 Brief was completed and reporting crew departed site.
TAT started entering sample results data into a new data base using 1-2-3 lotus. OSC requested sample results to stay in WP5.1 formula and no change is necessary.

1700 TAT reviewed 1900 (ERCS) for 5/25/95
TAT was requested by OSC to fax pdt EPS No 2+5 to Tom Martin.
Fax is on-going.

5/30/95

TOS-9503-007 Sauget, Site G 5/30/95

EIL0860FAA

1745 ERCS crew started pulling out of hot zone for site closure @ 1800 hours. TAT worked on photo log, work will be continued.

1815 ERCS crew departed site for the day. OSC prepared work Order for 5/31/95

Sauget Site

TO5-9503-007 Sauget, Site G 5/31/95
EIL0860FAA WED

0705 TAT arrived at site. ERCS crew present at site, OSC Borries at site.
Weather:- Cloudy, 70°F, winds calm out of south west.

0720 ERCS crew is gearing up to enter hot zone to continue solidification of OP-2
TAT prepared draft 1900 (government) for 5/25/95 and prepared some comments on picture to be included in the site photo log. set drafts are on OSC's desk for review.

0740 TAT answered phone call from Cincinnati office regarding King River (Charge 1/2 hour.)

0800 TAT entered hot zone.

0930 TAT existed hot zone, Solidification work is on-going at OP-2. Dust control is on-going using rain water that ponded on the southern half of the site. Ponded water is turning colors to greenish brown. it started to be yellow (Nitroaniline). IEPA rep said that nitroaniline in water ~~are~~ oxidizes into brownish color.
S.S
TAT existed hot zone no task change for ERCS, no visible dust.

1050 TAT completed comments on approximately 30 photographs and prepared a draft 1900-55 (government) for 5/30/95.
Finalized 1900 for 5/25/95.

1105 TAT started working on Site Q OSC-Report

1230 Stopped working for lunch.

1300 Back from lunch break.

5/31/95

TOS-9503-007 Sauget, Site G 5/31/95
EIL086ØFAR

1400 INTO hot zone, photo document and collecting documents excavated from OP-2. ~~TAT~~ S.S
TAT collects ~~a~~ sample No. OP-2-Zn. SS photo document the sampling location.
Solidification is on-going, at water table level, no more oil flowing into the hole, discolored shallow groundwater.
TAT photo doc. document of Mobile Oil Company and Century Electrical Company at OP-2.

1550 out of hot zone, working on site Q OSC-report (total 50 for 2 hours).

1615 ERCS crew completed solidification and backfilling of OP-2. TAT performed perimeter air monitoring out side the fenced area using OVA.
Readings down wind, along the north fence line. Reading were 3-4 ppm above background due to work at OP-2
Odor, strong one, was observed at the north fence line.

1710 OSC was informed of TAT's findings. OSC instructed ERCS to speed up backfilling OP-2.

1730 TAT drafted work Order for 6/1/95 and work report for 5/31/95. OSC is reviewing

[signature] 5/31/95

T05-9503.001 Sauget, Site 9 5/31/95

EIL086FAA WED

1800 ERCS crew completed tasks for today and existed hot zone.

1815 ALL teams departed site for the day

Samuel [illegible]

5/31/95

TOS-9503-007 Sauget, Site G 6/1/95

EIL0860FAA THUR

~~0700~~ 0650 ~~TAT~~ arrived at site.

Weather:- Cloudy to partly Cloudy, temperature 55°F, winds Calm (1-2 mph) out of Northwest.

Odor still present along the northeast fence line. Air monitoring will follow to evaluate off-site emissions.

The approximated treated volume of oil and sludge at OP-2 is estimated to be the following:-

(50 X 40 X 10.5) feet^3 of Contaminated soil + ten loads of Code C-lime.

A load of Code C-lime is approximately

0715 ERCS Crew is preparing to explore OP-1 and evaluate the amount of oil in that pit

0730 TAT started working on Site Q OSC report

0800 Stoped working on OSC report. gearing up for hot zone entry in level C. OSC also entering hot zone.

ERCS Crew will start exploring OP-1

0830 At OP-1 location ERCS operator/ Foreman R. Keys started excavating OP-1.

0910 TAT collected four waste Samples OP-1-White, OP-1-Brown, OP-1-SACK and OP-1-oil

[signature] 6/1/95

TOS-9503-007 Sunset, Site G 6/1/95
EIL 0860 FAA THUR

SAMPLE ID#	TIME/Date & DESCRIPTION
* OP-1-White (this sample had greenish, yellowish and tan colors + purple)	0900/6/1/95, waste sample collected from white material found bulk in plastic bags.
* OP-1-Oil	0930/6/1/95, waste sample from black-tary oil from a deteriorated container.
* OP-1-SACK	0930/6/1/95, waste sample collected from a sack uncovered containing brown solid.
* OP-1-BROWN	0930/6/1/95, waste sample collected from brown & tan solid uncovered at OP-1 excavation.

1000 ERCS operator excavated a 35 gallon drum that appears to contain liquid waste. Readings of OVA were above 1000 ppm. Readings of OVA in the breathing zone of the work area were in the range of 10-30 ppm above background. Readings of OVA along the north fence line were in the range of 1-3 ppm above background. OSC was informed.

1030 out of the hot zone

1045 ERCS crew back in HZ, pumping excess water out of OP-1 onto the site surface.

1130 pumping is in progress.

Gary Sisler

1130 A Load of Code C lime arrived at the site.
A representative of Explorer pipeline Company arrived at the site and informed OSC that excavation @ OP-1 is approximately 10' away from their pipline.

1200 OSC Borries and Mike Pogget of Explorer pipeline are down-range to evaluate the situation.
Mike Pogget departed site and recommended OSC to call Bill Rush of Layton Wilson @ 618/254-4003 to locate the pipeline relative to the site.

1215 Paul Takacs of IEPA arrived at site, OSC briefed him of site activities

1315 A second load of Code-C lime arrived.

1345 ERCS and TAT broke for lunch.

1400 S. Paster of DPA called site for S. Borries. She said that she is still the contact for this site.
TAT will convey message to OSC.
TAT inspected a shipment of PPE and Sampling Supplies brought to site by T. Casilino of ERCS, all present and as the following:-
- 6 rolls of visqueen
- 4 cls of 3X Tyvek
- 4 boxes of nitrile inners
- 2 CS of GCM-H Cartridge

- 1 Cs of paper towel.
- 1 cs of latex booties
- 2 Cs of 32 oz Sample jars.
- 1 cs of 8 oz Sample jars.
- 100 pcs of Sorbent pads.

All reclaim into the site warehouse.

1500 TAT conducts perimeter air monitoring.

TOS-9503-007 Sauget, Site 9 6/2/95
EIL0860FAA

0700 TAT arrived at Site, OSC at Site
ERCS crew at Site except for R.M
Ken Bruns.
Weather:- Cloudy, fog, temperature 60°F,
V.R. ≤ 0.75 miles. Winds out of
the Southwest @ 1-3 mph.

0730 ERCS entered hot zone to Solidify
OP-1..
TAT started working on 1900's (government)
and draft POLREP # 9.

0900 TAT & OSC entered hot zone, level
C to collect a Surface Water Sample
for discharge analysis.

0950 Sample collection is complete. TAT
Started filtering volume for disolved
metal, pump plant work, requested
filtration at labs. Labs will do it
at no charge.

1030 T. Casilino departed Site to pick up
D.I. H_2O for blank Sample.

1120 TAT Completed C.O.C. Gracing Rober
arrived at Site.

1200 ERCS @ OP-1 location

TOS-9503-007 Summit, Site G 6/5/95
EIL #860 FAA

0915 TAT departed residence @ Chicago.
1230 Arrived at St. Louis area. at Site
ERCS crew is solidifying OP-1.
1300 ERCS on break. OSC is at lunch.
1330 OSC is back from lunch.
Backlog: Weather @ the Site area:
Clear, sunny highs @ 85°F, heat index
is closer to upper 80s. Winds calm out
of Southwest. Site personnel are alerted
to heat stress, and its ~~symptoms~~ symptoms.
TAT prepared draft SSs for government
for 6/1/95 and 6/2/95.
TAT is preparing for hot zone entry.
1445 TAT entered hotzone.
- ERCS crew @ OP-1 location solidifying
sludge and pumping excess water onto
the Site surface.
- Air monitoring at the work area
breathing zone is 0-0.5 ppm above
background in a down-wind position
- Readings along the north fence line
are background.
- Water and sludge is less than that
in OP-2, and solidification may go
quicker.
- Water (rainwater) still exists in
S-2. OSC & RPM estimated 2.5M
gallons of rain water exist at Site.
- TAT completed photo & video docs
of the Site.

Sam

TOS-9503-007 Sauget, Site G 6/5/95

EIL086FAA.

1500 TAT started finalizing SS's for 6/1/95 6/2/95.

TAT reviewed draft ERCS SS for 6/2/95 OSC to approve.

1500 STARTED WORKING ON SITE Q OSC-Report

~~15~~ 1630 TAT stopped working on Site Q.

SS

1700 ERCS inside hot zone @ OP-1 location

~~location~~ Solidification is on-going.

SS ERCS laborers are staying all liquid chemicals that were excavated during site exploring ditches excavation.

1730 ERCS existed hot zone, preparing for departure.

Backlog. Temperature reached highs of 91°F. Heat stress was not a problem. Team took adequate breaks.

[signature]

T05-9503-007 Sauget, Site G 6/6/95
EIL086FAA TUSE

0640 TAT arrived @ site.
Weather:- partly cloudy, temperature 75°F, will reach higher of 89°F with heat index in lower 90's, winds calm moving out of southwest.

0647 TAT by the northeast corner of the fence line. Odor from the site is moderate (near OP-1)

0705 A load of clean fill has arrived
A new ERCS laborer, R. Varady replacement is at site.
Winds changing direction. winds now moving out of northwest.

0745 A second load of clean fill arrived

0800 Rain started at site area and winds shifted, it's moving out of southwest.

0825 TAT is reviewing ERCS draft SS for 6/5/95

~~0830~~ SS

0830 TAT started working on site Q rept.

0945 TAT stopped work on site Q report
TAT departed CP area to evaluate OVA readings by the northern fence line

1000 OVA readings along the north fence line are 1-2 ppm above background with peaks 4-5 ppm above background sustained for periodes of 2-3 minutes.
Readings by Metro Construction Equipment, Inc, @ 1300 Queeny Ave are background.
winds moving out south and southeast.

1030 R.M Ken Bruing departed site to Dupo area to collect soil sample from the Clean fill for VOCs analysis

[signature]

6/6/95

1100 TAT is working on Site Q - Report.
11:10 Ken Bring completed the collection of clean fill soil sample. Sample will numbered chained and sent off for lab analysis today.
1145 ERCS crew of two laborers completed mending the fence line on the south west ~~Corn~~ ~~Corn~~ S.S S.S corner of the fenced area.
1215 All team brake for lunch.
1245 All teams are back on the jobs.
1415 TAT worked on Site Q Report since lunch break
1430 TAT geared up in level C and entered hot zone, OSL in level C in the hot zone OSL requested TAT to oversee solidification of liquid chemical containers excavated during the excavation of test pits. TAT and ERCS laborer solidified approximately 55 chemical containers varying in size from 40mL - 1L bottles. No side reaction ERCS laborer K. Hammers punctured his hand (L.H.S.) by a loose glass piece. ~~Pun~~ puncture is a pin-head size. S.S TAT asked laborer Kevin to leave hot zone immediately and seek help and 1st aid. Kevin got out of hot zone OSL was informed, R.M was informed.
1600 Out of hot zone, @ C.P. and
1630 TAT completed a draft government, 55 for 6/5/95. Draft on OSL's desk

[signature] 6/6/95

6/6/95

TAT inspects a shipment of supplies from Riedel Warehouse, material was the following
* 4-rolls of visqueen ($51.31)
* 2 cases Booties ($115.26)
* 3 cases of Gatherail ($10.73)
All material present and received @ 1630 on 6/6/95.

1700 TAT prepared draft work Order for 6/7/95 and work report for 6/6/95. All paperwork is on OSC's desk.
ERCS crew is in two teams, two laborers conducting dust suppression and one operator continuing solidification of oil pit No. OP-1.
Operator hours for Ron-polymer are 0800-10:30 and 10.30-1200 hours, the rest of working hours are laborer class.
No ~~laborer~~ S.S operator hours for K. Hamms for todays.

1715 ERCS personnel got out of hot zone and preparing for departure for today.

1740 All teams departed site for the day

[signature]
6/6/95

TO5-9503-007 Sauget, Site Q 6/7/95
EIL0860FAA WED

0700 TAT arrived at Site, ERCS crew and OSC at Site.
Weather: partly cloud, will become clear 93°F as high, wind calm moving out of the Southeast.

0715 ERCS started gearing up for hot zone entry. ERCS will operate in two teams, one operator team will continue solidification of OP-1, one labour team will continue dust suppression, and one-operator team will grade the solidified pile out of OP-1 onto the area west of OP-1.

0720 TAT started working on Site Q

0835 TAT stopped work on Site Q. Started reviewing ERCS 1900-55 for 6/6/95.

0900 Review is complete. draft is on OSC's desk.

0910 Work on Site Q report.

11:30 Still working on Site Q report

1140 TAT conducted air monitoring around the perimeter of the fenced area near the northeast corner of the site (near OP-1) Readings at the northeast corner were in the range of 2-4 ppm above background. Readings at Metro-Construction Inc., were background. (Tree lines on the east fence line may be acting as wind-breaker).
OSC was informed.
Three representatives of MOSANTO Company lead by Robert Hiller, Environmental Engineer with MONSANTO, arrived at the Site.

TOS-9503-007 Sauget, Site G 6/7/95

EIL086FAA.

The visiting team informed OSC Borries that a Citizen called their Company and Complained of odor problem. The team Said that they explained to the Complaint Citizen that MOSANTO was not ~~responsible~~ conducting the work for the ~~at~~ S.S Odor, and he ~~to~~ S.S Wanted to ~~informe~~ S.S inform the OSC of that problem.

OSC request MONSANTO Team to direct all Citizen calls Complaining of odor problem to the Site Command post.

1150 MONSANTO Team departed Site

1210 ERCS break for lunch @ 1200 hours. TAT break for lunch @ 1210.

1245 TAT is working on Site Q OSC-Report. TAT Sirhan received a phone call from KEITH MILLER OF MONSANTO. MR MILLER ASKED FOR OSC Borries. OSC was at lunch. I took A MESSAGE FOR OSC Borries to CALL MR MILLER BACK

1300 OSC Borries CALLED MR MILLER. MR MILLER THOUGHT THAT EPA REMOVAL ACTION INCLUDED REMOVAL OF MATERIAL FROM THE LANDFILL. OSC INFORMED MR MILLER THAT NO REMOVAL IS TAKENG PLACE EXCEPT FOR IN-SITU SOLIDIFICATION OF OIL PITS SO THE GROUND WOULD SUSTAINE EQUIPMENT WEIGHT AND BE STABLE UNDER THE COVER MATERIAL. MR MILLER SAID THAT THE CITIZEN WHO CALLED COMPLAINING OF THE ODOR IS AN EX-EMPLOYEE OF MONSANTO AND HE CALLED MOSANTO BECAUSE HE ~~REGO~~ S.S RECOGNIZED THE ODOR WHICH IS SIMILAR TO

TOS-9503-007 Sauget, Site G 6/7/95

EIL0860FAA.

THAT HE USED TO OBSERVE AT THE PLANT WHEN HE WORKED FOR MONSANTO.

1400 TAT Sirka and OSC Borries entered H.Z. to monitor contractor performance

* AT OP-1 location, OP-1 seems drier than OP-2, work is close to an end.

* TWO loads of lime arrived at site ~ 50 tons of Code & lime were received.

1500 Existed hot zone.

Started working on ~~draft OSC report~~ S.S GOV 55, for 6/6/95

1520 ERCS Crew departed site

1530 TAT started preparing ~~draft~~ S.S final GOV 55 for 6/6/95. Final is on OSC's desk for signature.

1600 TAT is doing file organization and maintenance.

1645 departed Site

[signature] 6/7/95

TOS-9503-07 Saugat, Site G 6/8/95
EILØB6ØFAA

0700 TAT Sinha arrived at site
ERCS crew arrived at site, OSC at site.
Weather:- windy, cloudy temperature 86°F, wind out of northeast.

0705 ERCS laborer K. Hamms informed R.M. K. Braig that he had an exposure to Code-C lime. Code C lime got through the seems of the tyvek and reached with Hamms sweat. K. Hamms did it inform his management nor the OSC of this incident when it occurred on 6/7/95 Notification was done by K. Hamms on 6/8/95

0800 Weather condition shifted into thunderstorms and high winds. ERCS crew is covering the excavated pile from OP-1 preparation.

0900 Paul Tacks IEPA rep arrived at site

0930 TAT worked on photo log completion. work was given to T. Cassilino per OSC's request.

1000 TAT and OSC & P. Takacs of IEPA entered hot zone. OSC instructed ERCS operator to excavate and enlarge OP-1 at the ~~South~~ S.S Southwest corner of it. TWO cylindrical-shapped hollow objects were found (maybe tanks) full of black tar. TAT collected photos & video docs.

TAT collected sample of OP-1 - WHITE from white spongy material found at OP-1
S 6/8/95

TOT-9503-007 Sauget, Site G 6/8/95
EIL086DFPA

OSC Collected Sample # OP-1-B-pellets from the Southwest Corner of OP-1 rim. Air monitoring downwind from excavation area. Readings were in the range of 20-40 ppm, In breathing zone reading were 5-10 ppm. Winds moving out of Northeast at normal speed 2-3 mph.

1200 TAT existed hot zone, took a shower for personal decon.

OSC & IEPA took off for lunch break

~~1222~~ 1235 TAT prepared the required extra volume required for Sample OP-1-D.

TAT depart Site for lunch

1300 TAT is working on draft OSC-report for Site Q. (~~First~~ SS First chargable).

~~1334~~ 1440 TAT stoped working Site Q report (total 1½ hours).
S.S

1445 ERCS crew is working in three teams.
one-operator team solidifying OP-1
one-operator team grading the Southwest ~~of~~ Corner of the fenced area, and
SS
one-labour team supressing dust at the Central area of the landfill.

1620 TAT Completed first draft OSC report for Site Q. (total charge 2½ hours).
ERCS Clerk brought supplies from their warehouse in St Louis. The supplies were the following.

- 6 rolls of visqueen
- 2 CS of latex books
- 1 Trash pump
- 1 Suction hose
- 2 Discharge hoses.

TOS-9503-007 Sawyer, Site G 6/8/95

EIL0860FAD

1645 Perimeter air monitoring near the northeast corner of the fenced area and Metro Construction Inc., All readings were background. No odor was present. Winds were moving out of northwest into the southeast and northeast area. OSC was informed

ERCS are shoveling lime that accumulated outside the fenced area on the east fence line

1715 TAT prepared a draft POLREP #10, draft is on OSC's desk.

1735 TAT prepared draft work order for 6/9/95 and work report for 6/8/95. Drafts were passed to OSC for review.

ERCS covered the excavated soil pile and secured site for departure

1745 Out of hot zone departed site

All teams departed site

[signature] 6/8/95

TOS-9503-007 Sauget, Site G 6/9/95
EIL086FAP FKI

0700 TATm Surber arrived at Site, ERCS crew at Site. OSC Bonnies at Site Weather:- Cloudy, 69°F, winds moving out of Northwest @ 2-3mph.

0730 TAT explained to ERCS laborer procedure to collect PPE-1 Sample from the spent PPE per OSC's request. PPE Sample will be representative including similar pieces of all spent PPE for profile analysis (piece of Tyvek, gloves, bootiest.)

0800 A load of Code 1 lime arrived at Site

0830 G. Raker, HSO for ERCS, arrived at Site to check Kevin's Hamm injury, Kevin's leg is swollen, and reddish around the incription, G. Raker recommended him to keep it dry, Raker Said right-now he doesn't need to see a doctor.

1010 TAT Completed Cost tracking TAT's budget will be amended ($3,000 and 176 hours for TDD balance).
TAT Completed drafting POLREP. POLREP is being faxed.

1100 OSC departed site for Chicago

1110 A Thick cloud of black smoke was released from Metro Construction Inc., area, Source is unknown smoke sustained for 5 minutes in the air. ERCS Crew is solidifying OP-1 one laborer is clearing CP area.

1130 TAT checked the smoke area, it appears that Metro, Inc., personnel are cleaning their Yard and burning wood, tires and other debris. The fire location is ~150' east of the site fence line

6/9

TOS-9503-007 Sauget, Site 6/9/95

EIL0301FAA

1200 POLREP Faxing is on-going.

1250 POLREP faxing is completed. IEPA of Springfield office didn't receive their POLREP. OSC will be made aware of the problems.

1340 ERCS crew still solidifying OP-1 Air $P_{S.S}$ monitoring around the perimeter of the $S_{S.S}$ northeast corner of the fence corner indicates background readings. Wind are moving out of that direction. No odor problem @ that location.

1345 TAT is fixing MET station, voltage across the data-logger is 3V, suppose to be 12V, TAT called manufacturer for directions, awaiting a call back.

1400 ERCS crew still solidifying OP-1

1430 Preparation of securing the site has started, ERC covered the stockpile with visqueen, and secured site area for the weekend

1500 ACC teams departed site for the week

6/9/95

TOS-9503-007 Sauget, Site G 6/12/95
EIL#860FAA

0900 Departed residence in Chicago area
FLT # 345 to St. Louis

1230 Arrived at site, OSC at site, ERCS
crew: Forman R. Keys, Operator Ron,
Labor K. Hammes, Field Clerk T. Casilino.
Response Manager K. Brain. All at
Site

OSC informed me that Water results for
Surface Water Sample SW-1 is
here, 2-Nitroaniline is present @
180 ppb, Dichlorophenol at 20ppb.
and Diethylphthalate @ 13ppb.
No S.S inorganic of any significant level
is detected. Dioxin is at 0.106 ppt (2,3,7,8
TCDD).

1300 TAT in the hot zone.
Situation: The site area experienced
heavy rainfall during the weekend brake.
The ponded surface water has increased
by approximately 600,000 gallons to bring
the total water quantity to approximately
3M gallons of water. ERCS crew S.S
(one-operator team) is solidifying
OP-1, and the extra solidity that
oozed out from the two cylindrical
objects found there. The two cylindrical
objects (may tanks) have an outer
concrete crust and an inner metal
liner.

Air monitoring at work area
Reading using OVA, downwind from
the work area OP-1. Readings

[signature] 6/12/95

TOS-9503-007 Sauget, Site G 6/12/95

EIL0860FAA

Continue 1300 entry...

were 10-15 ppm above background, Reading by the east fence line were 4-5 ppm. TAT will check readings out of out-side the fenced area: by Metro Construction, Inc.,

1410 out of hot zone (HZ).

1430 At Metro Construction, Inc., location no odor is observed, reading is background (1 ppm, up-wind from site near Weise Company). OSC was informed.

1530 TAT reviewed ERCS 1900-55 for 6/9/95 and reviewed personal phone bill.

TAT is working on the photo log.

1610 ERCS crew is split into two teams; one team for dust suppression (one man-team) and one operator team solidifying oil pit No OP-1.

~~15~~ 55 1705 ERCS crew covered stockpiles near OP-1 to minimize odor and is securing the site for departure.

Response Manager and OSC are in work Order meeting. OSC requested ERCS to contacted Explorer pipe line to locate their pipeline TAT provided response manager with the phone no and name of contact with EXPLORER

1725 ERCS crew is out of HZ.

1730. All teams departed site

6/12/95

TOS-9503-007 Sauget, Site G 6/13/95 T

EIL0860FAA EI

0650 TAT arrived at Site
Weather - Sunny, 80°F, winds Calm
@ 5mph moving out of NW.
OSC Vector Ho arrived at Site.

0700 ERCS Crew arrived at Site
OSC reviews work Order for today.

0800 TAT Completed work on FOTO-01 file 102
for the Site photo-log.

0820 The Site received two loads of clean fill 11
The total sechdeuled delivery is ten loads.

0845 OSC Barrier approved 300 hours increase 1
for TAT TDD, TAT will file amendment 1
on 6/16/95, awaiting latest RORs.

0900 CALLED V. Simon for amendment. She
was not available. Left a message awaiting
her response.
Total clean fill delivered is four loads

0950 Total clean fill load delivered to
the Site is Six loads.
ERCS Field clerk departed Site to buy Supplies

1015 TAT performed perimeter air monitoring
down-wind from on-going solidification @
OP-1 and along the northern fence line
prevailing winds are moving from the ~~South~~ S.S
northwest into the east and South east
Reading along the north fence line are all
background.
Readings by Metro Construction, Inc.,
are background. Background for Site are
1-1.5 ppm (taken up wind from Site area 14
near Wiese Company).
OSC Was informed

Sauget Site 6/13/95.

TOS-9503-007 Sauget, Site G 6/13/95
EIL0860FAA

Total No. of loads delivered today in eight loads.
All hours for ROW so far are laborer hours.
ERCS Crew is on-brake
Rex Keys says that solidification @ OP-1 is 95-97% done.

1020 A load of clean fill arrived to bring total to nine loads.

11:30 Two free loads of clean fill were delivered to the site

1230 ERCS broke for lunch

1330 Back from lunch.

Two representatives of Explorer piplines arrived at site:

- Explorer reps said that the pipeline is inserted with N2, no product had been pumped into it.
- OSC conducted a short safety meeting, entry is in level C, OSC explained chemical ~~hazardous~~ hazards and physical hazards including S.S Dioxin, PCB, sludge oil and heavy equipment traffic and nitroaniline PCB-pre-cursors.
- Explorer reps stated that their pipeline used to carry finished products, no raw/material
- Line was installed in 1972 and they ~~used it~~ ~~up~~ use it periodically. S.S

1400 Explorers reps reviewed the Site Safety plan and signed it

[signature] 6/13/95

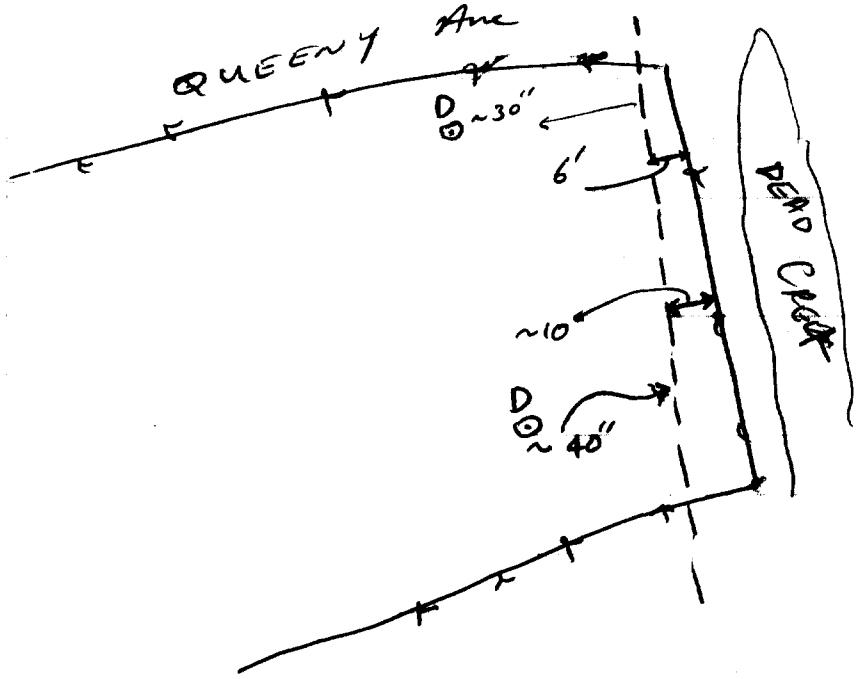
T05-4503-007 Sauget, Site G 6/13/95

EIL#36#FAA

1410 Explorer reps geared up in level C (they are ~~40-h~~ 40-hour-OSHA Train, they produced S.S Card-Certificates to OSC Barriers). They provided their own masks. Site provided Tyvetts and other PPE.

Inside HZ, TAJ is conducting air monitoring, no readings in breathing zone exceeded 10 ppm (near Explorer reps work area). All reading were in the range 2-10 ppm.

Explorer reps located the pipeline it extends from the northeast fenced area corner to the South east corner, ~ 6-10 feet west of the east-fence-line. Depth ranges from 30-40 inches, 30" near the northeast portion of it.



1500 Crew existed hot zone. They informed OSC that if ERCS excavate within 10' (feet)

T05-9503-001 Sauget, Site 6 6/13/95

EIL0860FAA

from the pipeline location, Explorer rep must be on-site to monitor the excavation ops.

crew deconed themselves and their equipments and departed site.

1515 ERCS crew are on brake.

1600 ERCS crew completed working on OP-1 backfilled with excavated-solidified soil.

ERCS started working along the north fence line. EXCAVATION is to a depth of ~1.5' along the whole northern boundary. TAT collected photo-vedio docs.

1700 ERCS crew departed hot zone.

OPS hours for RON is 2.5 hours only.

1730 All teams departed site

Sammy Smith 6/13/95

TOS-9503-007 Sauget, Site G 6/14/95 WED

EIL0860 FAA

0700 TATm Sirdar arrived at site, OSCs Borries and Ho arrived at site.
ERCs crew at site.
Weather:- Clear Sunny, 80°F, winds calm (5 mph) moving out of NW into E and NE.

0800 TAT completed draft government SS's for 6/9 and 6/12/95, OSC approved

0830 TAT conduct dust and air quality monitoring at the work area.
No visible dust is observed, ERCs laborer, K. Hamm is using H_2O to suppress dust at the work area.

0900 OVA readings down-wind from excavations along the north fence line are background (2 ppm), Readings along Queeny Avenue are background. No visible dust or odor.

0925 I called Cincinnati ATATL to inform him of Site G amendment. He said ~~don't~~ don't worry about that, he'll take care of it

1000 ERCS crew on brake, completed excavation of ~ 150 X 30 X 1.5 area along the north fence line.

1045 ~~ERCS out of hot zone for lunch brake~~ S.S
ERCS back into hot zone, lunch brake will be taken later.

1100 OVA Readings are background along the north fence line.

1115 Winds are shifting, ~~winds are~~ Winds are now moving from the South into the north

TOS-9503-007 Sauget, Site 6 6/14/95

EIL086PFAA WED

1115 OVA Readings are still background. ERCS hooked up another fire hose to suppress dust from outside the fenced area. TAT is manning the hose from out side

1140 OVA Readings along the north fence line are still background (1.5-2ppm). No visible dust. ground is saturated with Water. work is on going.

1200 ERCS and TAT brake for lunch.

Backlog OSCs Borries and Ho departed site ~900 hours to meet w/ IEPA - Collinsville regarding Gateway Initiative Sites.

TAT off-site for lunch.

1230 Lunch brake is over

Back on the job.

ERCS continues to grade and excavate along the northern fence line. Dust suppression is on-going

1330 Excavation is on-going, OSC Borries arrived at Site. Dust Suppression is on-going from outside and out-side the fenced area

1400 TAT takes time to organize OSC appendices and do some filing.

1405 Back into work area.

1445 Excavation along the north fence line is on-going, OVA readings along the the north fence line are background Winds still moving from the south Dust suppression is continuous.

~~1500~~ SS 1530 TAT entered hot zone to collect a Sample from perish Water uncovered at the north fence line

T05-9503-007 Sauget, Site G 6/14/95

EILØ86ØPAA

Water is of pH 3, and have a layer of clear oily liquid (? PCB...), OSC requested full HAZ. CAT. on 6/15/95

1545 ERCS stopped excavation and secured hot zone.

1600 All teams departed site for the day

Sammy Smith 6/14/95

T05-9503-007 Sauget, Site G 6/15/95

EIL08G0FAA

0700 TATm Sieber arrived at site, ERCS crew is at site, OSCs Borries and HO are at site
Weather:- Sunny, Clear, 78°F, winds moving out of Southeast into NW @ 3-5 mph.
OSC reviews work tasks for today and health and safety tail-gate meeting:- OSC included dust suppression, and watch out for heavy equipment traffic.

0730 TAT reviewed ERCS draft 55 for 6/14/95. draft was passed to OSC for final review

0800 TAT completed HAZ CAT. of water sample collected from north fence line excavation, Results indicated the following
phase 1, black oily material, soluable in hexane, no chloronated material (PCB)
phase 2 pH of 3, contains sulfate and Ni, it was not oxidizers
No lead was present.

0800 + TAT into work zone for air monitoring and contractor performance.

0915 + All OVA readings along the north fence line are background 1-2 ppm, Dust suppression is on-going from inside the fence area and outside along the north fence line
+ OSC entered hot zone, in the excavation found a core of Mercury (Mg) light bulb, OSC photo documented that.
+ ERCS crew is at the north fence line excavating ~2.2.5 feet for Cap settings.
+ MRS delivered D-6 Dozer to the site

1000 ERCS existed HZ on brake, Cerro Copper rep arrived at site, talking to OSC.

TOS-9503-007 Sauget, Site G 6/15/95

EIL0B60FAA.

OSCs excited HZ.

1100 TAT prepared draft POLREP # 11, Draft is on OSC's desk

1115 ERCS at the north fence line, excavation continues.

1215 ERCS & TAT break for lunch.

1250 TAT doing cost tracking

1345 TAT completed cost tracking as of 6/14/95 INTO WORK Zone.

1430 ERCS crew conduct dust suppression. No visible dust is observed.
OVA readings are 3-4 ppm, down wind readings were taken from outside the fence along Queeny Avenue. Reading decreased once the ground is saturated and wet ERCS is level C protection and excavation is on-going.

1500 ERCS existed HZ for a break, TAT is organizing electronic site files.

~~16~~ 1540 TAT completed electronic file organization

SS 1555 Perimeter OVA readings are in the range of 3-4 ppm taken from outside the fence area along Queeny Ave. OSC was informed.

1620 Excavation and dust suppression is on-going. along the north fence line.
OSC requested the water sample collected from surface water along the northern fence line for Metals and PH analysis.
TAT is preparing the sample
SW-2 Sample is ready and C.O.C'd
OSC reviewed C.O.C and approved

[signature]

TGS 4503-007 Summit, Site G 6/15/95
EIL0860PAA TAUR

1700 TAT started updating the Site IOC.

1715 ERCS existed hot zone, TAT completed IOC
ERCS response Manager completed W.O
for 6/16/95 and completed W/R for 6/15/95
ERCS crew is securing the site for
departure

1730 All teams departed site

Sammy Sichen
6/15/95

TOT-9503-007 Sauget, Site 6 6/16/95
EIL0860FAA.

0700 TAT on Site arrived at Site,
Weather Cloudy, 58°F, chance of
Showers, winds Calm moving out of
SW into NE.
ERCS crew arrived at Site, ERCS
Crew:- R.M K. Braig, Foreman R. Kay,
Operator Ron and laborer K. Hamms
Field Clerk ~~didn't~~ will be off-site
for Safety Training S.S

0730 TAT is preparing draft 55 for 6/15/95
First clean fill truck rolled in,

0800 Kevin Hamms is operating 655 SD since
0700. TAT is collecting video-docs.
trucks of clean dirt are arriving at the
site
the fan on the D6 Dozer is not working
and it is over heating. R.M Ken Braig.
Called the rental Company, they are in their way
to fix it.

0830 perimeter OVA readings along the north fence
line were 3.4 ppm. Excavation nearly Complete
OSC was informed. MRS rental Company
reps are here to fix the D-6. Repairs
would approximately take two hours.

0835 TAT started logging trucks of clean dirt

0845 Total clean fill trucks arrived at site
is 15 trucks

0915 Total trucks received is 23 trucks.

0920 TAT gave truck log sheet to R.M. Braig.

0935 Along north fence line, OVA readings
are in the range of 3-4 ppm, NO Dust
Suppression is taking place, instead ERCS
operators are going slow so as not to create dust.

6/16/95

~~TOS-9503-0~~ TOS-9503-007 Sauget, Site G 6/6/95

EIL086DFAA

OSCs Barrier and Ho departed site for business with IEPA

Odor is observed by the northeast corner along with OVA readings in the range of 3-4 ppm.

0945 OSCs are back at site.

Clean fill truck are arriving on site.

R.M. Pring is taking an off truck counting as TAT conducts air monitoring at the north fence line area.

1000 TAT prepared final government SS for 6/15/95 and updated cost for POLREP # 11, all at OSC's desk

1030 POLREP # 11 is approved by OSC Barrier and is being faxed out.

1040 HRS rep is back with spare parts for the D-6. repair is on-going

** Radio for today were three, the fourth radio is off-site

+ Hours for ERCS Ron Ladyberg are the following 0700 - 0830 operator

0830 - 1100 Laborer

Change in labor class will reported as it takes place.

Backhoe ERCS went on break @ 10:35

1105 ERCS off break and back on their machines.

D-6 repair is on-going.

1125 ERCS completed excavation along the northern fence line, started on the South fence line, near the Southwest Corner

repairs of D-6 is on-going.

1127 Repair of D-6 is completed, operating hour reserved for Ron Laydberg from now.

6/6/95

T05-9503-007 Sauget, Site 6 6/16/95
EIL0860FAA

1130 Clean fill trucks continue to unload at site, All trucks unload on a clean strip of the site and no trespassing over landfill material at all. R.M. Braig continues to log trucks as they come in.
Total no. of trucks ~~estimated~~ S.S arrived at the site is 34 trucks.
D-6 Dozer is working okay.

1150 TAT is setting up a continuous OVA station along the west fence line

1205 Readings were all background, winds are moving from South into N-NE.
Backlog operator hours for Kevin Hammons were 0700-1125. After 1125 Kevin started dust suppression (25 min break is included in that period).
Total no. of trucks arrived at site is 45 trucks.

1220 Total no. of trucks is 48 trucks.
OVA readings along the west fence line are background (0-2 ppm)

1300 Completed a draft W.O. for 6/19/95 and W/R for 6/19/95

1310 OSCs Borries and Victor departed site.

1400 OVA Readings by the west fence line still background (0-2 ppm). Excavation along the Southwest corner is on-going
Trucks of clean dirt are arriving total no is 54 trucks.

1420 Rex Key and Ron Switched places
Do Rex can have a break, and continue to grade clean soil.

TOS-9503-007 Sauget, Site G 6/16/95
EIL086OFAA

1500 ERCS crews continue to grade clean fill along the north fence line, some trucks are phasing out, Quary will close @ 1600 not enough dirt was received.

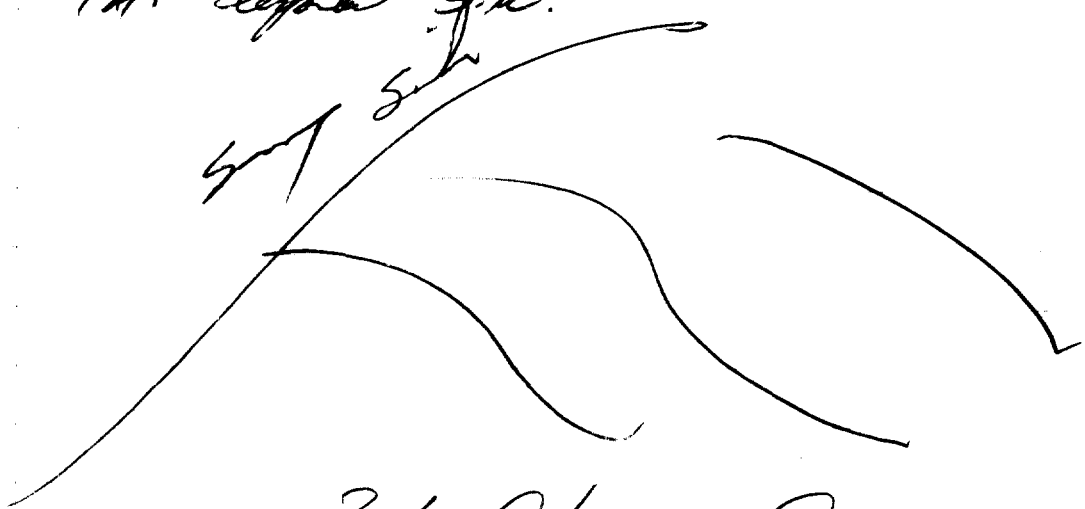
1545 No. of ~~of~~ S.C. truck hauling cleandirt is down to four trucks. ERCS may thin out the cover of clean dirt to incorporate the ~~ext~~ intire excavation along the north fence line. Total number of trucks is 96 trucks

1615 ERCS stoped excavating at Southwest Corner due to large stockpile to be moved. clean fill trucks stoped, quary is closed.

To avoid un-necessary cost, due to standbyen and - Cover major portions of the excavation along the north fence line, TAT asked ERCS to cover the excavation areas near EP-6 and OP-1 former location (Odor source) and the remaining part can be backfilled on 6/19/95. That complies with OSC's instructions "cover the majority of it." ERCS started doing that.

1630 ERCS out of hot zone, securing site for weekend break.

1655 TAT departed site.



1950 TAT arrived at Chicago Ave

TOS-9503-007 Sauget, Site G 6/14/95

EILBGFAA

1530 TAT arrived at Site

Weather:- Sunny, humid, 94°F, Heat. I of 97°F. Winds Calm at 1-2 mph.

Back log:- OFFICE VISIT, RENTAL CAR, * DRIVE TO SITE.

TAT visited Cincinnati office to complete time report and pickup calibration kit for OVA and MiniRam. ATATC asked TAT not to take the MiniRam and get repairs for the unit that is at site instead?!.

* TAT Surveyed rental car companies, Interent National ($34/day + 25¢/mile, Hertz $36/day + 20¢/mile, Budget $39/day + Free milage.

1015 picked up rental car from Budget and drove off to Site

1500 stopped for gas and brief lunch

1600 Results of Waste Samples collected during the week of 6/6/95. Results will be posted later.

TAT started Calibrating OVA unit No. 2, using Methane in air @ 99.5 PPm.

1730 All teams departed site

[signature]

TOT-9503-007 Sauget, Site 4 6/20/95
EIL086FAP

0720 TAT arrived at site, OSC Borries and ERCS are at site.
Weather:- Sunny, 75°F, winds N-NE @ 3-4 mph

0730 ERCS crew is preparing to enter hot zone.

0745 Clean fill trucks started arriving to site
Dust Suppression is on-going, ERCS dedicated laborer K. Hamms for dust Suppression.

0750 Trucks of clean dirt still moving in. No visible dust is being observed.
Dust Suppression is on-going.

0810 Explorer rep arrived at site to continue monitoring excavation near the pipeline area, ERCS still scrabbing and clearing the area from surfacial soil. no excavation is being done.

0815 Total No. of clean fill trucks is Six trucks

0900 TAT secured and marked the location GW-32 monitoring well with fence post painted with flourescent red color

0910 M. Martin of U.S. EPA Gateway Initiative arrived @ site talking to OSC Borries.

0950 Total clean fill trucks is 18 loads
Truck traffic broke utility line servicing the decon trailer (Truck No 32 did it)

1015 ERCS on break

1030 Back on the job.

1045 Explorer rep is showing signs of fatigue but she says she is okay, OSC was informed. OSC asked Rex Kay, ERCS offered to keep an ~~eye~~ eye on Explorer's rep

TOS-9503-007 Sauget Site 6 6/20/95
EIL#86DFAA

and shut down operation if necessary to give ~~any~~ Explorer's rep a long-break.

1110 Explorer's rep is down okay, TAT is monitoring his performance from support zone area via binoculars
ERCS R.M Ken Braig is taking care of logging clean fill trucks

11.15 OVA readings by the north east corner were background, winds are moving out of N-NE into the S.

1130 A clean fill truck is stuck, reason: couple of truck are hauling wet dirt from a place other than the quarry; truck NO 8 and a Garrett truck. R.M. Braig is taking care of the problem.

1145 Explorer's rep existed HZ for a break

1215 Explorer's rep is monitoring ERCS excavating from the north east corner outside the fence area. Explorer's rep is level D and in his truck, he is doing okay

1220 ERCS crew existed HZ for lunch break except for Ron, D6-operator, he'll coordinate w/ truck drivers for lunch timing.

1230 Break for lunch, TAT off-site

1300 Back on the job, ERCS, TAT and truck drivers
Explorer's rep is monitoring excavation from out side the fenced area in level D.

1345 TAT reviewed a draft ERCS SS for 6/19/95. Comments were ~~not~~ SS included for OSC's review.

[signature]

705-9503-007 Sauget, Site 5 6/20/95
EIL 0060 FAP

Excavation of surficial 12" from the east fence line is on-going under Explorers up ~~supervision~~ monitoring. Grading of clean fill is on-going.
Dust suppression is on-going. Winds are moving out of N-NW not S and SE.

1355 TAT departed support zone & called OVA readings by Metro Construction, Inc., area. More information will follow.
* Results of Cleanfill Sample No C-2 for Methylene Chloride are available, results indicate un-detected levels of it.

1410 Reading were background, but a mild odor was observed (it could be originate from industries north of the site) wind shifted & now from north into the S and SE.

1445 TAT ~~collected~~ into H2 collected video documentation of excavation by pipeline EECS excavated first 15"(+), some oil was encountered at 12-15", odor is observed. TAT will suggest, sheet piling instead - Barrier wall, or a composit of sheet piling and a barrier wall to avoid excavating out east of OP-1 former location.

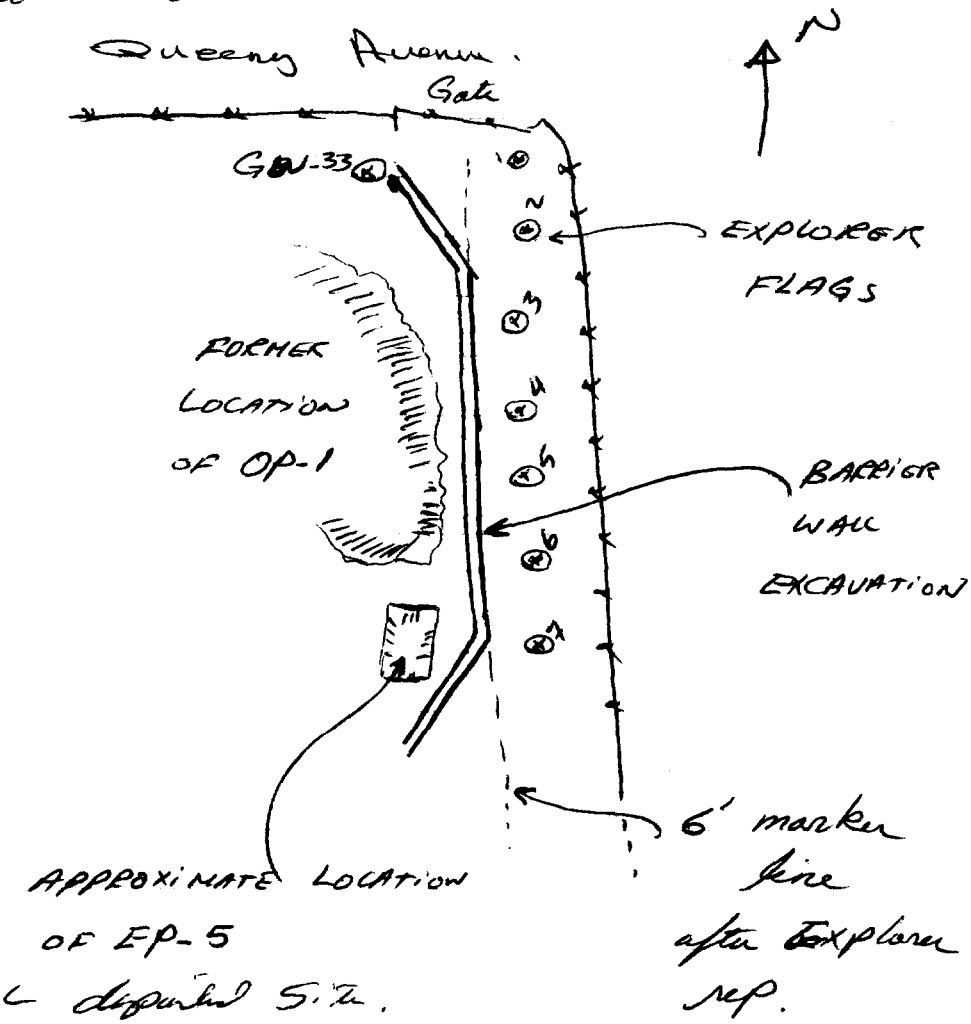
1510 Readings w/ Metro were elevated but still within background 1-2 ppm, mild odor was observed
OSC and M. Martin arrived at Site

6/20/95

TO5-9503-007 Sauget, Site G 6/20/95
EIL086ØFAD

Winds shifted, now are moving from the NW into ~~the Sand~~ S-S S and SE and E.

1615 OSC Barrier, R.M Braig and TAT Sirhan by the northeast fence corner:- OSC stated that the Barrier wall should extend as indicated in the drawing below:-
The width of the wall is a bucket width of the excavator. The depth 10-12' of S.S below ground level.



1620 OSC departed site.
1700 EKCS existed HZ for the day.
1730 All teams departed site

[signature] 6/20/95

TOS-9503-007 Sauget, Site G 6/21/95
EIL0860FAA

0715 TAT arrived at site, ERCS crew at site
Weather:- Cloudy, humid, 83°F, wind moving out of NW into S and SE.

0730 ERCS in the hot zone, started excavating the north wing of the barrier wall.
1st clean dirt truck arrived at site, R.M Ken Brang will be logging dirt truck.

0800 Initial air monitoring at support zone
- Reading are background (1-2 ppm), Reading along the east fence line by Metro Construction, Inc., (down wind) were all background ~~mild~~ mild odor was observed.

0830 Clean fill trucks are rolling in.

0900 IEPA rep Paul Tackas arrived at site, updated him of what's going on.

0910 Geared up in land C and entered HZ with paul.
- At the north wing excavation of the barrier wall, GWater was encountered at 11-12' depth.
- Problem of caving in, the width of the wall is getting to be ~12-15'.
- Suggested using a narrower bucket for the excavator. ERCS R.M Said we will give 4-5 tolerance west of the ~~GS six-foot~~ ~~six-foot line~~ Six-foot Clearance line drawn by Explorer rep.
- TAT and IEPA rep at the central eastern portion of the site

[signature] 6/21/95

TOS-9503-007 Sauget, Site 5 6/21/95 TOS-
EIL0066FAA EIL0

Continue entry 0910 from H2. 1110
- Observed 50-lb paper bags excavated from that area. Bags read Pentachlorophenol, 84%. IEPA rep said that Monsanto informed him that they didn't manufactured pentchlorophenol. Bags read also Monsanto Penta trade name. 1130 1150 1225
IEPA recommended to collect a sample from the remaining material inside the bags for Pentachlorophenol analysis. TAT will collect. 1300
- Observed a Concerned Citizen videoing Site 5 activities along the north fence line existing H2. 133
10:15
1050 OVA reading down wind at Metro Construction Site 5 Inc., were background, mild odor still there.
- Observed the Same Concerned Citizen seen earlier videoing the Site, crossing the site gate line, TAT requested IEPA rep to talk to the citizen.
- Citizen was Assistant Mayor of Chadwick said they are concern, they Site 5 think the we are discharging into Dead creek. 1410
- IEPA rep informed the Assistant Mayor of the site activities and recommend that OSC Barrier and himself will visit the Mayor's office for an update. 1510
- Visit will scheduled as A.E.A next week with OSC Barrier as Site 5 time.

6/21/95

T05-4503-007 Sauget, Site 6 6/21/95
EIL4860FAP

1110 Called OSC's Barrios mail box left him a message of what's going on
Backlog IEPA departed site @ 1045. ERCS came out for a break at 1030, back on 1050.
1130 Collected video + photo docs of the barrier wall.
1150 Break for lunch, all teams.
1225 Back on the site.
1300 ERCS operator Rex Kays started the eastern wing of the barrier wall, distance from the pipeline flags ~12-15 feet.
1330 Called OSC Barrios asking about OSC Bartman, he'll be here soon, OSC Barrios said

- American Bottoms, Inc., rep visited the site and dropped an application, "Waste Water Survey Form", no copy of a sample letter indicating characteristics of the water to be disposed of.
- Dust suppression is on-going
- TAT at the NE fence corner to collect our readings (~ down wind), winds are moving from N-NW into S and SE.

1410 Heat index is @ 95°F, humidity is on the rise. ERCS are on break.
1510 ERCS operator R. Kays continues to excavate the central portion of the barrier wall. no problems so far.
Total No of trucks is 95 trucks.
Dust suppression is on-going, no visible dust was observed.

6/21/95

TOS-9503-007 Sauget, Site G 6/21/95
EIL0860FAD

1515 OVA reading by Support zone is background 1 ppm, Wind are moving from E, Support Zone is down-wind from operation area.

1630 OSC Bartman arrived at Site.
Total number of truck is 115 trucks
Clean fill trucks stoped delivery for today
ERCS operator R. Keys stoped excavating the barrier wall due to stopage of clean fill delivery
took a 10-minute brake.
Back into hot zone,
ERCS crew is in three one-man-team.
* one-operator grading clean fill on the top of the central west portion of the site
~~& one-laborer~~ one-operator grading S.S Contaminated Soil using JD 655B
one operator (R. Keys) excavating (completing) excavation along the southwestern fence line.
No dust is being formed.

1700 Odor, mild, is observed at the Support Zone
ERCS existed hot zone, securing site for departure.

1730 All teams departed site.

END OF Day

[signature] Site
6/21/95

T05-9503-007 Sauget, Site 6 6/22/95
EIL0860FAA

0700 TAT arrived at Site, ERCS crew at Site,

0710 Weather:- Cloudy, 80°F, wind moving from east @ 2-4mph.
OSC Bartman at Site

0730 Wiese's representative visited the Command post and complained to the R.M. Brady about the dust created by truck traffic over their parking lot. R.M said we will water it down. OSC was informed. ERCS going up in dust C and entering hot zone.

0745 1st clean fill truck arrived at Site.

0830 Work at northeast corner is on-going, excavation of the barrier wall is on-going clean fill delivery is on-going
TAT started working on cost tracking for ERCS and TAT/USEPA.

0900 Kenny Hamms, ERCS laborer, sprays water on Wiese's parking lot to suppress dust.

1000 No dust is being generated on-site or at Wiese's parking lot

1100-1130 TAT collected OVA readings by the Support Zone, Winds are moving from the east into Wiese and Support Zone area. Readings were all background (1-2 PPm), Odor still observed.

1200 All teams break for lunch.

1230 Back on the job. ERCS operator nearly complete the barrier wall. Well completed
TAT collected photo + vedio docs

T05-9503-007 Sauget, Site G 6/22/95

EIL#86#FAA.

1300 TAT entered H2, OVA reading were in the range of 5-8 ppm, ERCS in level C, operation is going okay. Winds are slowing down, OVA readings by S.Z. are normal (1-2 ppm) but still moving from east.

1315 TAT photo documented additional evidence, ~ 10 50-lb paperbags marked MONSANTO, "MONSANTO Penta", product information reads 84% pentachlorophenol

1430 TAT collected waste sample No. MONSA-PENTA, photo-doc the sample

1500 TAT collected all evidence and bagged them in a drum liner for further custody action.

1530 NO dust is being observed at Wises' parking lot and/or the site.

1630 + Total No. of clean fill truck is 93 trucks, no more delivery for today.

+ TAT reviewed ERCS draft 55 for 6/23/95, New rates under BDA started today.

1700 OSC Bartman departed site

1730 All teams departed site.

[signature]

6/22/95

5

TOS-9503-007 Sauget, Site G 6/23/95
EIL086FAA

0700 TAT arrived at site, ERCS crew at site.
Weather:- Cloudy, 80°F, humid, will reach 92°F. No rain. Winds @ 3-5 mph out of N-NE

0730 ERCS will continue to rectify slope of the central and southwest portions of the site.
Initial OVA readings at Support Zone indicated background readings (1-2 ppm)
Wind are slowing down. Still moving out of east. Support Zone is down wind from work area. No dust is being observed, ERCS laborers are watering the work area.

0800 TAT started finalizing Government, SS for 6/22 and updating all financial files for ERCS, TAT and EPA

0910 Trucks of Cleanfill are still rolling in total number of trucks is ~~a~~ 17 trucks
All times chargeable for S.S ERCS is DBA, per Kentopp's ~~at~~ S.S explanation

10:00 TAT completed POLREP #12, OSC Bartman reviewed and approved

10:10 TAT started faxing POLREP.

10:15 ERCS out of hot zone for break

11:30 ERCS Back into H.Z. back on the job.

1200 Continued to work through lunch, no break

1230 TAT collected Sample # MONSAN-PENTA for Pentachlorophenol analysis

[signature]

TOS-9503-007 Sauget, Site G 6/23/95

EIL0860FAA

1315 Started rain, rain hampered on-site activities no more dirt is being hauled to the site. Total no. of trucks is 38 trucks

1400 Fencing pulled no 12 is complete, OSC was informed.

1430 Started site closure and security for the weekend break.

departed site

Sammy Sirko

TOS-9503-007 Sauget, Site G 6/26/95

EIL0B60FAA

0950 TAT arrived at site, ERCS operator ROW is at site

Weather, Cloudy rain is forecasted for today, winds calm @ 2-5 mph moving from the southeast.

* Site area experienced thunderstorms during the weekend break, water level in the site pond had risen ~ 6-8 inches. Site surface is very muddy and it is expected to cancel on-site activities for today.

* I called OSC's mail box, left a message stating that no work is planned for today and no clean-fill will delivered to the site.

1200 OSC Bonnie arrived at site. working on a letter to American Bottoms, Inc., regarding the disposal of ponded water. Final decision is in the works. TAT calculated the quantity of each contaminant detected in the SW-1, surface water sample none of the calculated quantities exceed the RQ for these contaminants. OSC was informed. ERCS Field Clerk arrived at site

1300 The site area is experiencing a major thunder storm event, rain is heavy. ERCS R.M and Field Clerk were sent off site.

1400 TAT started working on preparing total amount of contaminant in the ponded water.

T05-9503-007 Sauget, Site G ~~6/25/95~~
EIL0860FAA 6/27/95

0800 TAT Sinha arrived at the site, OSC Borries at site. NO ERCS crew will be arriving at site to do on-site work. NO on-site activities.

OSC reviewed and signed all work orders. TAT will continue to work on calculating NPDES permitting material.

0930 * TAT completed working on monthly PPs for Sauget Site G & Q.

* OSC Borries received a call from IEPA representative stating that a hazardous waste site in Washington Park will be referred to the U.S. EPA for possible assessment and/or removal under CERCLA. The site is TEC contamination in a residential area. Further work, i.e. TDD for TAT and sampling will be followed upon completing the referral by IEPA.

1030 * TAT organized site file
* started OVA calibration,
* OVA is out of range (deviation ~ 45%) instrument need an imperial formula calibration at an authorized factory or dealer.

1200 OSC departed site to perform walk through for Washington park site. TAT departed site to work on site Q at the hotel.

- hours to be charged to site G are 4½ hour.
- " " " site Q 3½ hours which includes time for monthlies.

Sanny Sinha

T05-9503-007 Sauget, Site A 6/28/95

EIL0860FAA

0730 TAT arrived at site, ERCS crew (Field Clerk T. Casalino, R.M Ken Braig, Foreman R. Kays, Operator RON, and Laborers Kevin Ham) OSC Borries at site

Weather Partly cloudy, 75°F, Wind @ 3-4mph moving out of N-NW.

Site surface is muddy and on site activities are limited to decontaminating the 655B dozer for today and wipe sampling the dozer bucket.

No clean fill delivery will occure today due to muddy surface at the quarry area.

0800 ERCS started deconing 655B loader. Material is hard to be cleaned due to presence of lime during the solidification process.

0900 TAT is organizing Analytical Results file. The file is being placed in 3-ring binder and made available for OSC's review at any time

1000 TAT is preparing for sample collection from the 655B loader. The sample will be collected from its bucket that had highest contact with contaminated soil

1100 TAT collected the sample from the decon 655B bucket. The remaining portion of the machine is being decone

1200 ERCS Field Clerk took sample no. 655B-WP to lab for PCB analysis. Sample 655B-WP was wipe composite sample from 100 cm² area of the bucket. Compositing was made for two seperate points

[signature] 6/28/95

TOJ-9503-007 Sauget, Site G 6/28/95

EIL086 0 FAA

1215 ERCS & TAT in hot zone, decoring of 655B loader is on-going.

1255 ERCS broke for lunch, OSC is off-site for lunch.

1330 Back on the job, all teams.

1400 ERCS crew continues to decon the 655B loader (tracks, dash-board and canopy).

1500 TAT reviewed 1400-55, ERCS for 6/26/95. draft was given to OSC's final review.

1600 ERCS crew out of the HZ, decon of 655B loader is complete All teams departed site OSC Barrios stayed at site for a later hour

1625 TAT departed site

Sauget Site 6/28/95

T05-9503-007 Sauget, Site 4 6/29/95

EIL0360FAA

0700 TAT arrived at Site OSC at
- ERCS personnel present at site are the following :- K. Bruing R.M.
- T. Casalina Field Clerk
On-site work was canceled today due to heavy rain during last night, ERCS personnel are waiting for wipe sample results in order to demobilize the 655B loader.
Weather Cloudy, 75°F, wind 5-10mph moving out of West. Rain is forecasted later on today.

0800 TAT started drafting POLREP # 13

0830 POLREP No 13 is ready (draft) on OSC's desk.
TAT started working on Government 190055

0910 TAT reviewed ERCS 55 for 6/28/95 reviewed draft was given to OSC for finalization

0930 Still awaiting for wipe sample results

1000 Sample results (verbal) are in for wipe sample No 655B-WP. PCB @ 53 ug/wipe, cleanliness is at 100ug/wipe or less for outdoor low contact impervious surface (40CFR761.125).
Machine was placed in Wiese's parking lot for pick up by vendor, OSC departed site to Chicago. ERCS departed site

1015 TAT Site called Chicago ATATL to inquire about Dixie Auto Salvage TDD ATATL said yes TDD was cut.

6/29/95

TOS 9503-007 Sargent, Site 6 6/29/95
EIL0360 DAA
1045 TAT Site departed site

Sargent Site
6/29/95

2016 Arrived at Cincinnati Area

July 5, 1995 Sauget Site G TOS-9503-00J
EIL0860FAA

1030 TAT Thrasher arrives at site. OSC Sam Bonics on-site along with Riedel employees Ken Braig and T. Cosalme. Weather is clear with a high of 85° today. TAT speaking w/ RM Braig who states that no work will be conducted today due to moisture. TAT unloading equipment.

1115 Meeting w/ OSC to discuss plans for the next several days. Today TAT and OSC need to collect a batch sample for a contractors bench test using low temp thermal desorption. Tomorrow and Friday activity will be backfilling of contaminated area to cap the site. TAT needs to keep track of # of trucks, truck #'s and times to compare to drop off tickets. Will also need to go thru files inside drum to make copies for EPA lawyers. OSC gives TAT verbal briefing on site description/history

1145 TAT Thrasher reads thru H&S plan and signs off on plan. TAT going thru CERCLA paperwork on TAT's desk

1230 TAT and OSC off-site for lunch.

1310 TAT and OSC on-site, RM Braig watching begin of Video documentation w/ Rental VCR/TV. RM Braig departs site for every. TAT and OSC continue viewing videotape.

1500 TAT working on Site paperwork. Will collect sample w/ OSC later today.

1600 TAT and OSC entering hot zone in level C to collect samples.

1700 TAT and OSC have collected rep. sample from various points on-site. Sample will be given to interested parties doing a bench scale test. TAT off-site for every.

[signature] 7/1/95

T05-9503-007 Sauget, Site G 7/6/95
EIL0860FAA

0700 TAT Thrasher, OSC Barnes arrive at site. Field clerk is already on-site producing 1500,55%. He will be leaving shortly. Weather is clear with an expected high of 85°. It rained again last night. Ken Braig called in and said he cancelled the crew and trucks. OSC Barnes walked out on-site and believes that it will dry by around 10 or 11. Ken is going to call dirt suppliers and see if he can get any trucks. TAT works on site paperwork.

0840 Illinois rep Paul Takacs arrives on-site meeting w/ OSC Barnes. TAT working on Cerela paperwork. TAT explains to OSC Barnes about POV and he now concurs. He told Sam Sirkin for me to leave at 0800. Since I took instrument and left at 0600 hrs. Two hrs will be charged to another site I worked on while at Sauget yesterday. (King River Ltd).

1000 TAT Thrasher works on Video duplication. There is no way to change recording speed to condense the videotapes ~~any~~ to a single tape. Informed OSC. Will try to get field clerk to rent a VCR tomorrow. Plans are to work on Saturday due to good weather.

1050 TAT is going to lay out material in plastic bags — Paperwork will be video and photodocumented.

1150 TAT breaks for lunch. OSC will remain on-site until TAT returns.

1210 TAT back on-site heading back in hot zone to continue photo/video documentation of paper material found during excavations.

1530 TAT and OSC are off-site for every —

Dale G.
7/6/95

7/7/95 Sauget, Site G TOS-5503-007

EIL0860FAA

0700 Arrival at site; OSC Barnes, TAT Thrasher and four RES personnel are on-site to receive back-fill. Weather is expected clear with a high of 90° today. There will be no work this weekend due to weather forecast.

0730 RM Bray calls fill dirt supplier who stated that it is still too wet to get trucks in there. Possibly by noon might have trucks. OSC informs TAT he will be leaving earlier than first expected. TAT works on paperwork backlog.

Crew will start work decontaminating the trackhoe for decode next week. TAT will wipe sample today.

0945 OSC Barnes is off-site w/ RM to attend meeting w/ American Bottoms to discuss the water disposal/treatment. TAT finishes filling two drums w/ recovered documents.

1200 Crew breaks for lunch. Decision OSC back on-site approx 1045, American Bottoms still not convinced. OSC says that crew will not work on Monday. TAT completes typing up of document record for OSC Barnes. TAT not breaking for lunch, going to pick up wipe sample from trackhoe.

1230 TAT Thrasher has collected sample # DC-1 from the trackhoe using a 100 cm² template for the Hexone wipe sample. Sample is packaged & given to Tom C. for delivery to the lab along w/ a Chain-of-Custody.

T05-9503-007 Sauget, Site G 7/11/95

EIL0860 FAA

0830 TAT arrived at site. ERCS crew @ site are Ken Braig, Rex Keys, and
Weather :- Sunny, 80°F, Winds Calm out of Southwest.
Backlog :- OSC Borries called me on 7/10/95 and requested me to mobe to site on 7/10, ERCS will start deconing the trackhoe OSC will see if EPA officer will be at site to relieve him so we can move dirt from quarry if not activities will be limited to deconing the trackhoe and awaiting further instructions.

0945 TAT Suhar called OSC stating the following:
* Decon of Track hoe will be completed today.
* no outstanding tasks for 7/12/95
* Awaiting further instructions
* Wipe Sample results for trackhoe should be available any time now.
* I requested OSC to call back. This was a voice-mail message left on his system.

1000 Wipe Sample results for ~~wip~~ trackhoe is ready, results in 2 ug/SS wipe. Track hoe is clean.

1005 R.H. Braig called MRS Machinery Rental to pickup Trackhoe later today.

1100 OSC called back said that Sonia, RPM will be here on 7/12, nobody from EPA will be here during W.E. Lind Nocheswood, RPM will be here next TUSE. TAT will demob for W.E. if cost effective. TAT prepared W/O for 7/12.

1300 All teams departed site for the day.

TOS-9503-007 Saugat, Site 4 7/12/95
EIL0860FAA

TAT arrived at site ERCS crew (K. Braig, Response Manager, Rex Keys, Foreman, and Kevin Ham Laborer) are at site.
Weather: Sunny, humid, temperature 85°F will reach 98°F, heat index 112°F, heat alert is issued. Winds are calm @ 2-3 mph from South.
Response manager reminded everybody of heat stress and adequate breaks and fluid replenishment.

730 First cleanfill fill trucks started showing Kevin Ham is counting and suppressing dust at Wuse's parking lot.

0915 Sonia Vega arrived at site, TAT provided her with site safety plan and briefing about the site.
TAT suggested to down grade ERCS operation to level D based on real-time air monitoring. Sonia called OSC Barnes to inquire, OSC & RPM said okay if real-time air monitoring is supporting that. TAT is preparing for air monitoring using OVA #1, EPA Decad 661104. OVA is on charge.

0950 Clean dirt trucks are rolling in total number is 19 trucks.

1000 TAT conducted air monitoring using OVA and MiniRam all readings were background. RPM said okay to down grade to level D. TAT maintained MiniRam on board the D-6 for reading collection (TWA).

1100 TAT conducting file maintenance, and cost tracking management.

[signature] 7/12/95

TOS-9503-007 Sunset, Site G 7/12/95

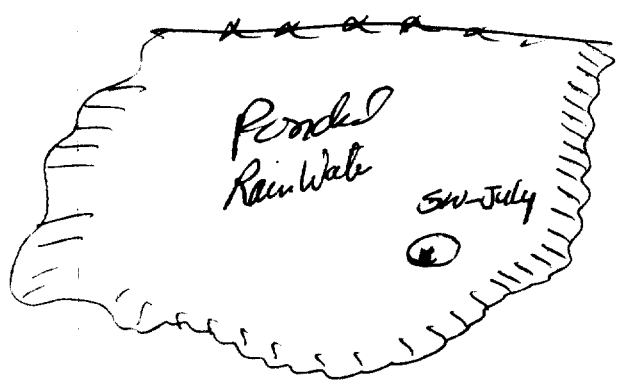
EIL0860FAA

1220 Break for lunch

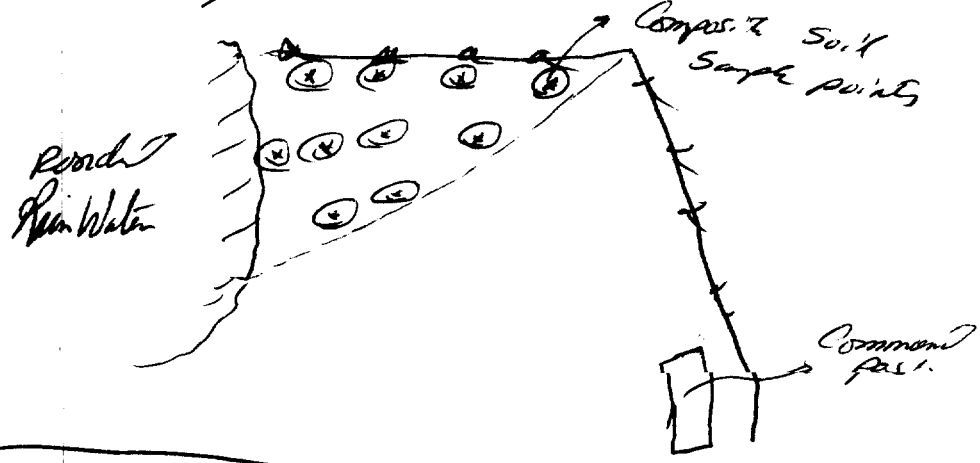
1255 All teams back to work.

1300-1400 TAT & R.M Ken Brang collected ~~SW~~ SS Surface Water Sample No. SW-July from the ponded rain water. Surface water sample will be run for Semi-VOCs (nitroaniline, phenol) and PCB.

TAT and R.M collected Soil Sample No. Soil-SW- from the Southwest Corner for PCB analysis. Soil Sample was composite of ten aliquots. All samples were collected under supervision of Sonia Vega of U.S. EPA and as shown below.



- Surface Water SW-July Sample location.

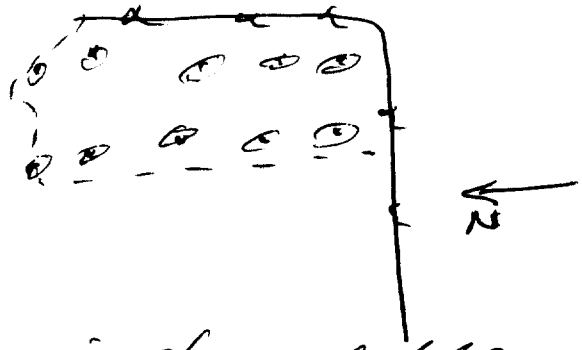


7/12/95

T
E

1415 TAT is preparing for Soil Sample No ~~SE~~ Soil-SE Collection.

1530 TAT S.S Completed Collection of Soil Sample No. Soil-SE. Sample was Composite of ten points equally spaced as shown.



TAT is preparing Chain of Custody

1530 SL-2800 Trackhoe was mobilized off-site today at this hour.

1545 Kevin Ham departed site to deliver samples.

1605 Clean dirt trucks are about to stop hauling dirt, ERCS will secure the site and departe for today.
Total No. of clean fill received today is 88 trucks

1630 All reading on mini Ram were background.

1700 ALL teams departed site

Samuel Sirk
7/12/95

T05-9503-001 Sauget, Site 5 7/13/95

EIL0BG0FAA

TAT Sirko arrived at site, ERCS Crew at the site (R.M Ken Brady, Foreman R. Keys, and laborer K. Hamms). RPM Sonia Vega is at site.

Weather:- Sunny, 85°F, will reach 102°F with H.I. of 115°F, Heat alerts have been issued for this county.

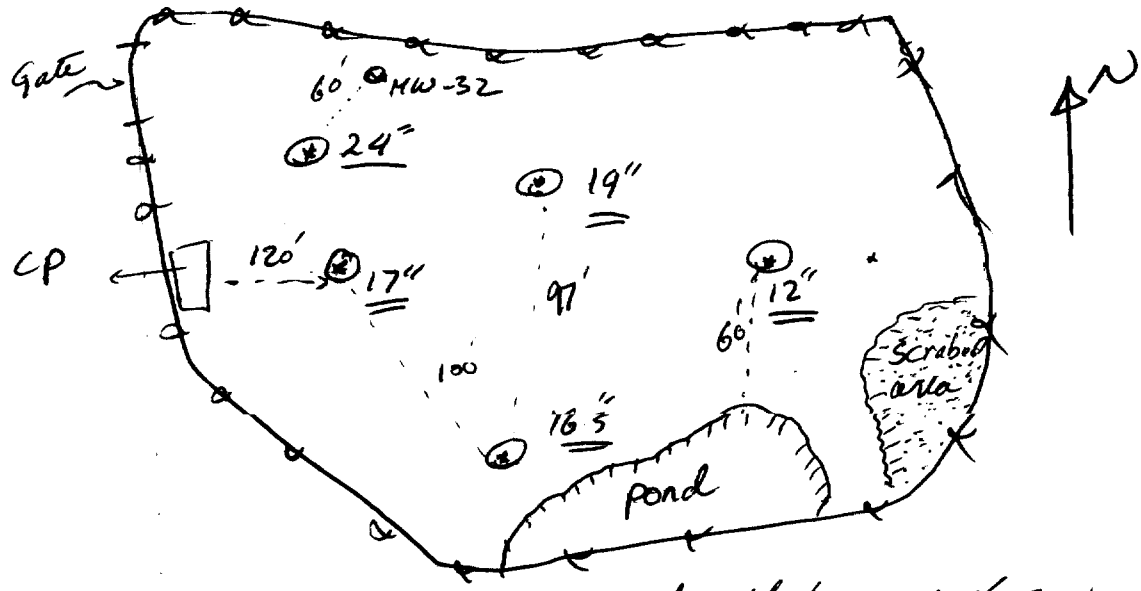
clean fill trucks are rolling in.

Ken Brady informed me that OSC Sam Borries asked him not to bury the evidence until OSC has a full clearance from site attorney

TOT-9503-007 Sauget, Site G 7/14/97
EIL0860FAA

0700 TAT arrived at site, RPM Sonia Vega at site, ERCS crew at site.
TAT started 1000 SS for today
Weather - Sunny, humid, 89°F, will reach 97°F, Heat alert is issued.
R.M and RPM reminded field personnel of heat stress symptoms and actions required

~~0800~~ 0830 SS TAT, RPM & R.M measures the thickness of the clay cap at different locations. Using slamb-bar and so core-recovery acetate tube. The thickness of the cap is shown in the diagram below.



KEY 24" indicates the thickness of the cap in inches
120' indicates the horizontal distance

0840 The average thickness of the cap is 12 - 24 inches

TOS 9503-007 Sauget, Site 6 7/14/95

EIL086OFAA

0900 Cleanfill trucks are rolling in.

1015 RPM Sonia Vega departed site to Chicago area.

1120 P. Tackas of IEPA called requesting info regarding the documents excavated from OP-1 area and its surrounding if it starts the Mobile Oil Company. TAT replied yes lots of documents were marked Mobile Oil Company, Socony plant. I suggested that Paul talk more to OSC Borries.

1230 Verbal results for MONSA-PENTA sample are available. Results indicate 79% PENTACHLOROPHENOL.

1300 ERCS on break. no heat problems so far. R.M is monitoring ERCS personnel.

1400 trucks are slowing down, no trucks will be delivered after 02:30 or 02:45

1530 ERCS completed tasks for today, site is secured for the weekend break. The total no. of trucks received is 82 loads.

TAT departed site, ERCS departed site and TAT will stay in Collinsville area for the weekend break.

7/14/95

TO5-9503-007 Sauget, Site 9 7/18/95

EIL#8 6ØFAA

0700 TAT arrived at site, ERCS crew (one Response Manager. One equipment operator and one laborer) is at at site.
Weather :- Sunny, 85°F, wind calm out of SE.
Response Manager is conducting a safety meeting for the new equipment operator, Tim. Tim relieved Rex Kays who was mobilized to another site in Kansas City. Tim reviewed safety plan and signed it.

0735 Cleanfill trucks started coming in. Kevin Hearn is logging trucks as they arrive.

0910 Linda, RPM arrived at site.
TAT called OSC Barrios, updating OSC recommend that trucks get in from West gate and depart from east gate. R.M. Ken Bruing said it is easier for truck to get in and out from West gate because east gate is narrow.

~~10~~ 0925 S.S. Dust suppression is on-going.

1015-1130 TAT worked on 1900-55 and cost tracking fills
Clean fill is still arriving at site. total number of clean fill trucks is 45 trucking

1300 OSC S.S. RPM Linda looks over all work order to date

[signature] 7/18/95

TO5-9503-007 Sauget, Site 9 7/18/95
EIL036FAA

1320 TAT is on lunch break

1430 TAT and R.M Ken Bring collected additional volume for Sample SW-July from the ponded water. The first original Sample volume was not ~~enough~~ enough for analysis due to low MS/MSD recoveries. Analysis will be performed all over again for the new collected volume. Sample collection was exactly like the first time one dedicated jar for dipping a 6' off the shore line. Sample will be delivered today. Resampling was approved by Sam Borries per Linda Nachowicz, RPM at Site.

1520 Sample was chained and ready for delivery

1600 Delivery of dirt has stopped for the day EKCS is addressing the area for tomorrow's work.

1630 All teams departed Site

Sauget Site

TOS-9503-007 Sauget, Site 5 7/19/95

EIL086OFAA

0700 TAT arrive at Site, ERCS crew at Site, RPM L. Nachowicz is at Site. Weather: Sunny, 75°F, will reach 89°F no heat alert has been issued for today. Winds moving out of SE @ 3-5 mph.

0730 ERCS operator is addressing the north fenced area in order to prevent wash-off of silt onto Queeny Avenue.

0810 First load of clean fill arrived at Site.

0950 TAT prepared 1900-55 for 7/18/95

1115 TAT departed Site to work on
- Thomas Garage, Inc., Site
- Metro Disposal Site
- Swift Ag Site

1600 TAT returned to Sauget Site, TAT, RPM Linda Nachowicz, R.M Ken Braig toured the site, ERCS approximately capped 95% of the Site. Cap thickness will be probed on 7/20/95. Clean fill trucks completed delivery for today. Approximately 129 loads of clean fill were delivered to the Site.

1630 ERCS completed work tasks for today. Preparing Site for departure. All teams departed Site.

[signature] 7/19/95

TOS-9503-007 Sauget, Site 5 7/20/95

EIL0860FAN

0700 TAT arrived at site, RPM L. Nachowicz at site, ERCS crew composed of R.M. Ken Brains, Field Clerk Tom Casalino Operator/Foreman Tim and new laborer Brad. All teams at site.

0730 ERCS started working on the central and central south portion of the camp

0800 Weather:- Cloudy, T.S. an expected temperature @ 80°F, wind out of west @ 3-5 mph. Showers started ~~but~~ but no delay of site activities

0900 TAT started drafting. POLREP No. 14. POLREP was sent to OSC Borries for review.

0930 TAT started 1900-55 Gow for 7/19/95

1000 Showers started at the site area

1050 Showers turned into heavy rain which stopped on-site activities.

Total amount of dust received to the site for today is 41 loads no more delivery will be made today due to rain.

1125 ERCS started securing the site for the weekend break.

OSC Borries recommended shutting down the operation for this week R.M Ken Brains will call OSC on Monday 7/24/95 to inform of weather conditions at the site

TAT was requested by OSC if land time occurs today to charge only 50% of it to this site PAN.

TOS-9503-007 Sauget, Site 9 7/20/95

The remaining 50% should be charged to PA's for the other sites.

1130 Ø, TAT Started working on finalizing POLREP # 14 and faxing POLREP TO ALL parties 1900-55 Government was finalized.

1200 ERCS operator Tim Kolley and Brad departed site.

1230 ERCS Ron Kerr Brian is coordinating disposal of PPE, ERCS F. Clark is finalizing 1900-55 for 7/19/95 after TAT has reviewed and RPM approved it

1330 all Teams departed site

Sauget Site

7/20/95

T05-9503-007 Sauget, Site 4 7/25/95

EIL086FAA

0730 TAT arrived at job site. ERCS crew, Ken Brais Response Manager, labour and Foreman.

Weather, Sunny, 79°F → 95°F, Winds moving out west @ 5-8 mph.

0805 TAT calls OSC — inform him of budget situations for ERCS & TAT.

0825 JEFF OF WIESE COMPANY CAME INTO OFFICE STORMING AND USING "F" words describing dust formation on their cars due to truck traffic on their parking lot. Clean Fill truck driver has been warned to slow down and maintain dust at minimum. Lot was wet already from rain last night. WIESE PEOPLE parked a FORK-lift and a pick truck ~ 70' ACROSS FROM THE SITE GATE IN THE WAY OF the site TRUCK TRFFIC. I ADVISED JEFF TO TONE HIS VOICE DOWN SO I CAN UNDERSTAND HIS COMPLAINT AND CALL OSC. I CALLED OSC Sam Borries, OSC said maintain good ATTITUDE AND TRANSFER TRUCK TRAFFIC TO THE EAST GATE. JEFF APPOLGIZED FOR HIS BEHAVIOUR AND LEFT. KEN BRAIS INFORMED ALL TRUCK DRIVERS TO SLOW DOWN AND USE THE EAST GATE. I WALKED TO WIESE AND INFORMED THEM OF THE CHANGE. WIESE REMOVED THEIR TRUCK AND FORK LEFT FROM THE SITE TRUCK PATH.

0840 Parking lot is wet, drivers are coming in from east gate and existing from west gate no dust is being observed.

7/26/95

TOS-9503-007 Sauget, Site 7/25/95
EIL0360FAA

0920 No dust is being seen, trucks are slowing down no complaints.

1000 Total # of dust trucks 21 trucks. No dust is observed after cutting truck traffic by 50% along Wiese's parking lot.

1030 ERCS crew went in break.

1045 Back from break

1105 OSC Sam called, said okay for TAT St Louis to take their loan equipment.

1115 Joe Davis from St. Louis arrived at site, TAT Sutter and Davis demobilized weather station and other equipment.

1200 Lunch break for way today

1230 Back from lunch

1300 trucks of clean dust are rolling in ERCS Comp completed covering all site area, SS still the SW-corner to be keyed in

1400 No dust is being observed, Wiese's parking is being kept wet by ERCS.

1430 OSC called site, TAT Davis

1500 Total truck arrived at the site is 52 trucks.

1530 Truck are slowing down, down to five trucks.

1635 All teams are preparing to clean site total # of trucks is 71 trucks. Departed site

[signature] 7/25/95

TOS-9503-007 Sauget, Site G 7/26/95

EIL08G0FAM

0700 TAT arrived at site, ERCS crew at site
Weather - cloudy, 73°F, winds out of west
@ 5-10 mph.
Rain and thunder storms passed the site
area last night, the site area is muddy
and wet. no work will be performed
no clean dirt delivery will take place
Instead, ERCS will do the following
- dismantle the fence on SW-Corner
- Hand shovel dirt out side the north fence

0720 ERCS Started work

0800 TAT started working on GOV 1400-55 for
7/20/95

0900 TAT departed site to work on Surfit Ag and
St. Louis Refrigerator Sites. Will be calling
in.

1515 TAT is back @ Site G

1520 ERCS completed unhooking power to shower
trailer. Trailer is ready for demobe.
ERCS personnel demobilized the following
equipment/material to St. Louis office
- 300 gallon poly tank.
- 300 (3X100) Sorbent pads.
- 2 - 20ft Suction hoses.
- 2" Valve.
- 2 Sub pumps
- 1 trash pump.

1530 ERCS R.M and F. Clark departed site,
ERCS operator/foreman and laborer departed
site @ 1510.
Backlog:- OSC Sam Borries arrived
@ site ~~on~~ S.S at 1030 hours

[signature]

T05-9503-007 Sauget, Site G 7/27/95

EIL086ØFAA

0915 Arrived at Site, OSC Barrios at Site, Rep. from Stalite Trailers at Site picking up the Shower trailer. Weather Sunny 90°F, Calm wind NO ERCS at site, the quarry of cleanfill is closed due to muddy surfaces. TAT limited task is to prepare 1900-55 for Government

1050 TAT departed Site for St. Louis Ref. Site

[signature]

7/27/95

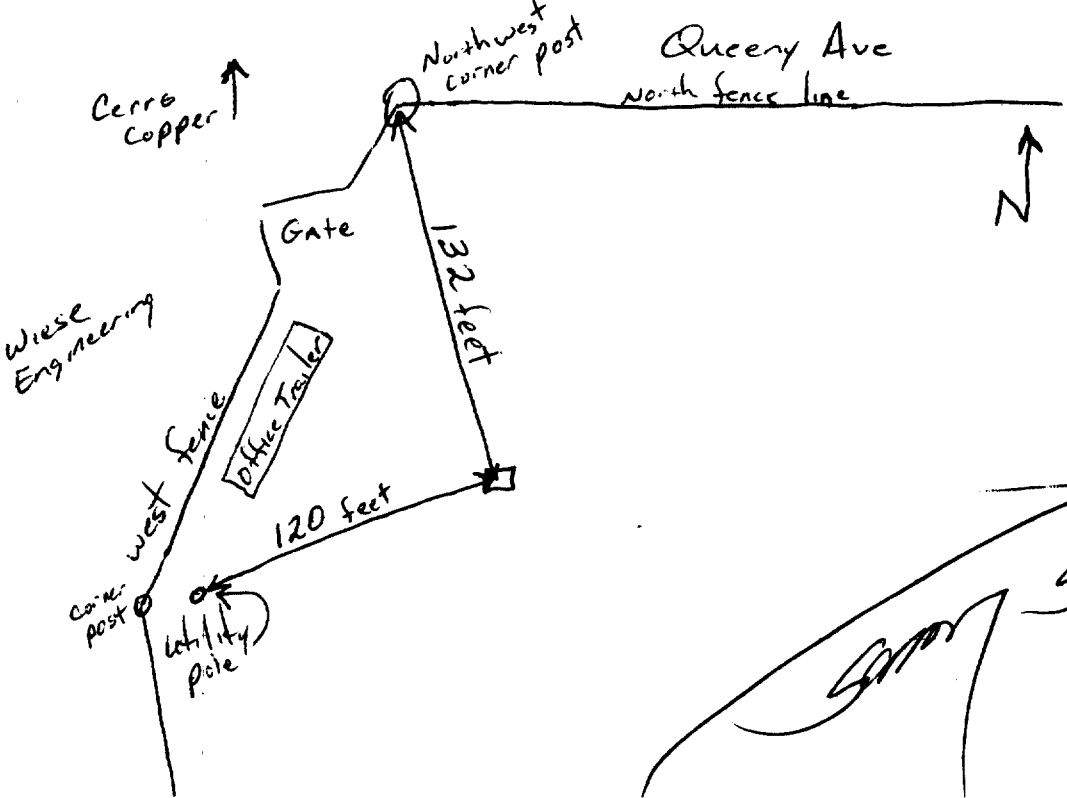
TOS-9503-007 Sauget, Site G 7/28/95

EIL0860FAA

0700 I arrived at site, OSC Borries @ site
ERCS Foreman, Tim and laborer K. Ham are
at site.
Weather partly cloudy, 75°F, winds out
of NW @ 5-6 mph

0715 Tim called the Cleanfill quarry
inquiring about dirt delivery. dispatcher
said, you will be loading @ 0730 hour
for delivery.

1015 Entry by OSC Borries:
All enforcement documentation uncovered during
site activities along w/ Archive sample
materials (solids only) were placed in
3 - 55 gallon open top drums and buried
on-site. Documents were left on-site due
to many of the documents being
saturated w/ contaminants. Three drums
(2 Black 1 blue) were placed in the landfill
cover & ~ 2+ feet of soil placed over them.
They were placed @ the following location:



TOS-9503- Sauget, Site G 7/31/95

Priority
VOCs
Sm
PCB + pesticides.
metal. →
Mercury + CN^- →
+ Volume requirements.

Soil Sample.
Full Scan.
+ The list
Volume requirements.

POST IT V

POST IT IV

POST IT III

POST IT II

Post IT I 4/7/95

0700 EPA1098 is down.

Snag:- The Blazer won't start. I tried to jump-start it using a guest vehicle who was willing to give a jump-start

0900 No luck. Blazer is in the middle of the Best Western parking lot.

I pushed to side.

0920 I called Cincinnati ATTL, T. Spargo was at Gordon S.I., I got the answering machine. I did not leave a message.

I called OSC Borrico that I'm stuck and waiting to get a means of tows or an approval for a rental car.

I called Chicago TATL, P. Zwilling that said we've just had fixed what's wrong. I explained the problem. He said get an estimate and price

1200 quote. I called Ron's Automotive spoke to Ron. I explained the problem. He said that the starter is broken and replacement will cost $400-500

1215 ATTL Zwilling request a price quote on how much will cost to tow the EPA1098 to Cincinnati.

I passed all price estimates to P. Zwilling. He said wait further instructions until he discusses the matter with G. Nakasony of EPA. Said may not approve of any repair, and retire the vehicle and he said go ahead and rent a vehicle

1230 Called Enterprise Rental for a car.

1350 Enterprise rep arrived with a vehicle he rented

Sam 4/7/95

TOS-9503-007 4/20/95

EIL0860FAA

ENSYS Run on Wiese & SH Samples

Sample ID#	Std. Reading	Date/Time	Results @ 25ppm	
WA-17 (hex-grid)	-0.09	4/20/95@1200	~~1.00~~ 0.100 S.S	
WA-18 (hex grid)	-0.09	4/20/95@1200	+0.79 S.S	
WA-19* "	-0.09	4/20/95@1200	+0.49	7ppm
WA-20 "	-0.09	4/20/95@1200	+.09	
WA-21 "	-0.16	4/20/95@1300	+0.41	
WA-22* "	-0.16	4/20/95@1300	+0.77	2ppm
WA-23 "	-0.16	4/20/95@1300	+0.81	
WA-24 "	-0.16	4/20/95@1300	+0.94	
WA-25 "	-0.05	4/20/95@1340	+0.27	
WA-26 "	-0.05	4/20/95@1340	+0.30	
WA-27* "	-0.05	4/20/95@1340	+0.11	3ppm
WA-28* "	-0.05	4/20/95@1340	-0.27	67ppm
WA-29 "	-0.05	4/20/95@1340	+0.86	
WA-30 "	-0.05	4/20/95@1340	+0.60	
WA-33 "	-0.01	4/20/95@1430	-0.82	
CSH-10 (Southern hill)	-0.01	4/20/95@1430	-0.87	
CSH-14* "	-0.01	4/20/95@1430	-0.01	24ppm
CSH-16 "	-0.01	4/20/95@1430	+0.10	
CSH-2* "	-0.07	4/21/95@0830	+0.76	<2ppm
CSH-4* "	-0.07	4/21/95@0830	+0.54	<3ppm
CSH-6 "	-0.07	4/21/95@0830	+0.88	
CSH-8* "	-0.07	4/21/95@0830	+0.76	<4ppm
CSH-14 "	-0.07	4/21/95@0830	+0.88	
CSH-18 "	-0.09	4/21/95@0940	+0.34	
CSH-20 "	-0.09	4/21/95@0940	+0.65	
CSH-22 "	-0.07	4/21/95@0940	+0.54	

4/28/95

EWSYS RUN 4/21/95

Sample ID	Std Reading	Date/TIME	RESULTS
WA-16	-0.03	4/21/95 @ 0800	-0.79 ~~+0.79~~ 5.5
WA-9	-0.03	4/21/95 @ 0800	+0.54
WA-10	-0.03	4/21/95 @ 0800	-0.86
BLANK	-0.03	4/21/95 @ 0800	+0.84

4/21/95

Started on 4/13/95

Material found at Test pit
Sauget, Site 6 4/13/95
INVENTORY LIST

ITEM	DESCRIPTION / STATUS / LOCATION
STANCILS	Found numerous stancils in Test pit #1 at depths ranging from 2-10' below ground surface. Text and marking are the following
	* PYRANOL 1470 LOT 0-1106 (FOUND 5 stancils).
	* GE PYRANOL LOT 0-1170 (FOUND 2)
	* TRICLOR BENZENE LOT C42 (FOUND 3)
	* GLYCIDAL PHENYL ETHER LOT P. 7148 (FOUND 4)
	* AROCLOR 1248 LOT M-50 (FOUND 9)
	* AROCLOR 1254 LOT M-128 (FOUND 5)
	* DYKNOL-A LOT 0-515 (FOUND 2)
	* T. C. B. DEPT. 248 ONLY (FOUND 1)
	* SWAN HATLY MOS BACKER (FOUND 1)
50 Lb paper bags	- 50 Lb bag "Santomerse No 1 "Manufactured By MONSANTO"
	- 50 Lb bags marked Mississippi Pine Zinc Co.
	- 50 Lb bag marked Anhydrous Ammonia MONSANTO.

4/13/95

Sauyet, S.T.G 4/15/95

CONTINUE Table from page 302

ITEM	DESCRIPTION / STATUS / LOCATION
Lab Containers	Miscellaneous lab containers were found in all test pit. ERG segregated all liquid containers for verification and disposal. - 1/2 l bottle was found containing clear oily liquid that sinks under water sp > 1 (? PCB ??)
Misc. Material	Driving License applications (~ 40-50 applications) blank. dated 1959, Charles Carpenter Secretary of State, IL. - One 500ml bottle was found carrying Monsanto name, bottle in bad condition, labels are peeling off photo-documented that with the best available photo + video doc. camera.

All material was photo documented placed in 55 g container and sealed with a custody seal for later verification.

4/17/95

5'

IT

STAN

815 4339266

50.Cb