IL SSI
Rueben Murrell residence

ELAN

Field Book
E 64-8x4 W

US EPA RECORDS CENTER REGION 5
559548

50% cotton-content paper
water resistant surface
50 sheets . . . . 4¾" × 7¼"

Illinois Site Screening Investigation

B+V Waste Science & Technology Corp.
230 W. Monroe, Ste. 2250
Chicago, IL 60606 (312) 346-3775

Rueben Munnell
70550

Wednesday Sept. 18, 1991

John Quinn — BVWST
Tim Moody

D.M. Wed. 9/18/91

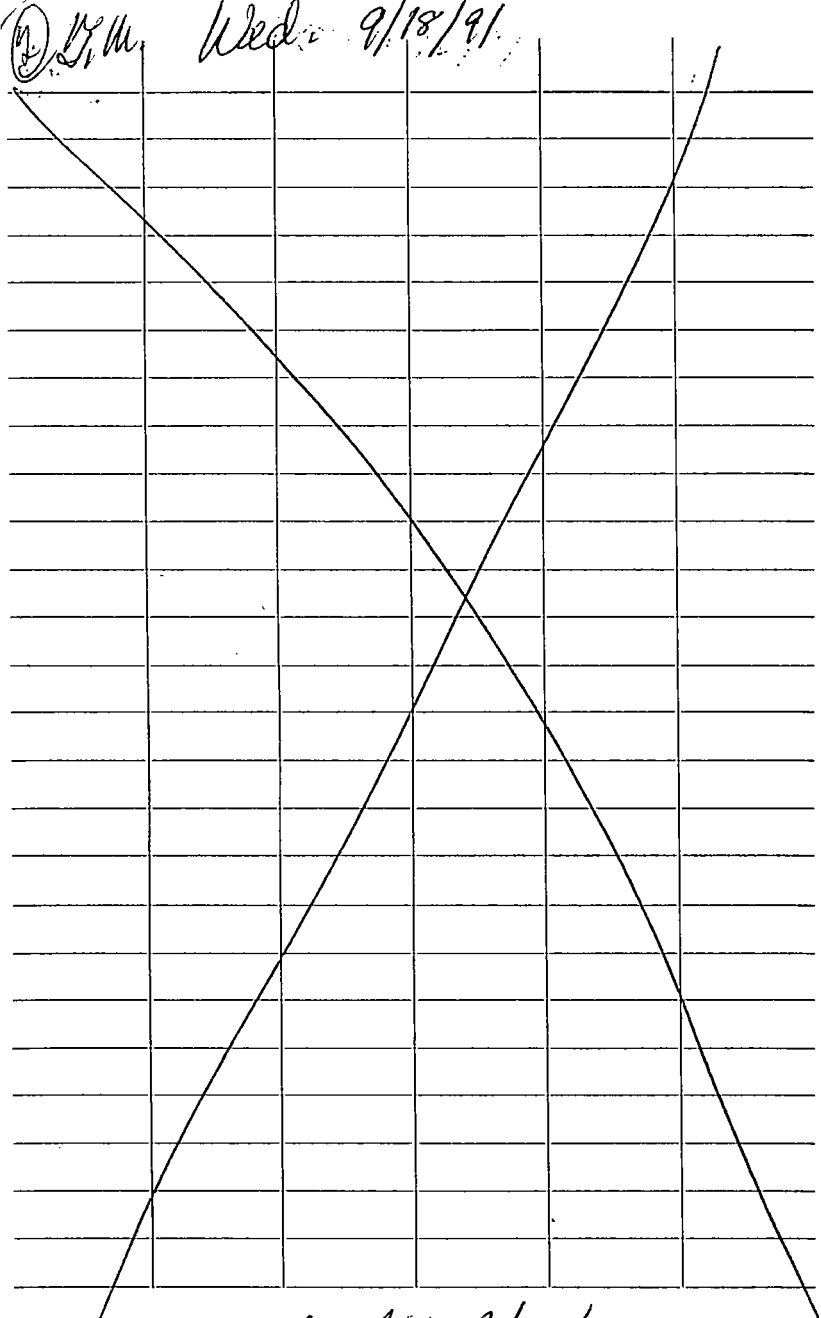
D.M. 9/18/91

We arrived at the site at 9:15 a.m. Ruben Murrell's son, Ruben Murrell Jr., met us in the driveway. Both he and his father told us EPA only visited a landfill across the street on a hill south-east of this residence. The EPA PA map drawing, however, clearly shows that this residence was visited in 1989.

Ruben Murrell Sr. had bought the landfill from his brother, Arnold Murrell, who is deceased. No dumping has occurred there since Ruben bought it. Ruben Jr. & Sr. keep dump trucks and garbage trucks there. We did not see the dump.

Ruben Murrell Sr's residence is on Hill Road, about

(4) D.M. Wed. 9/18/91

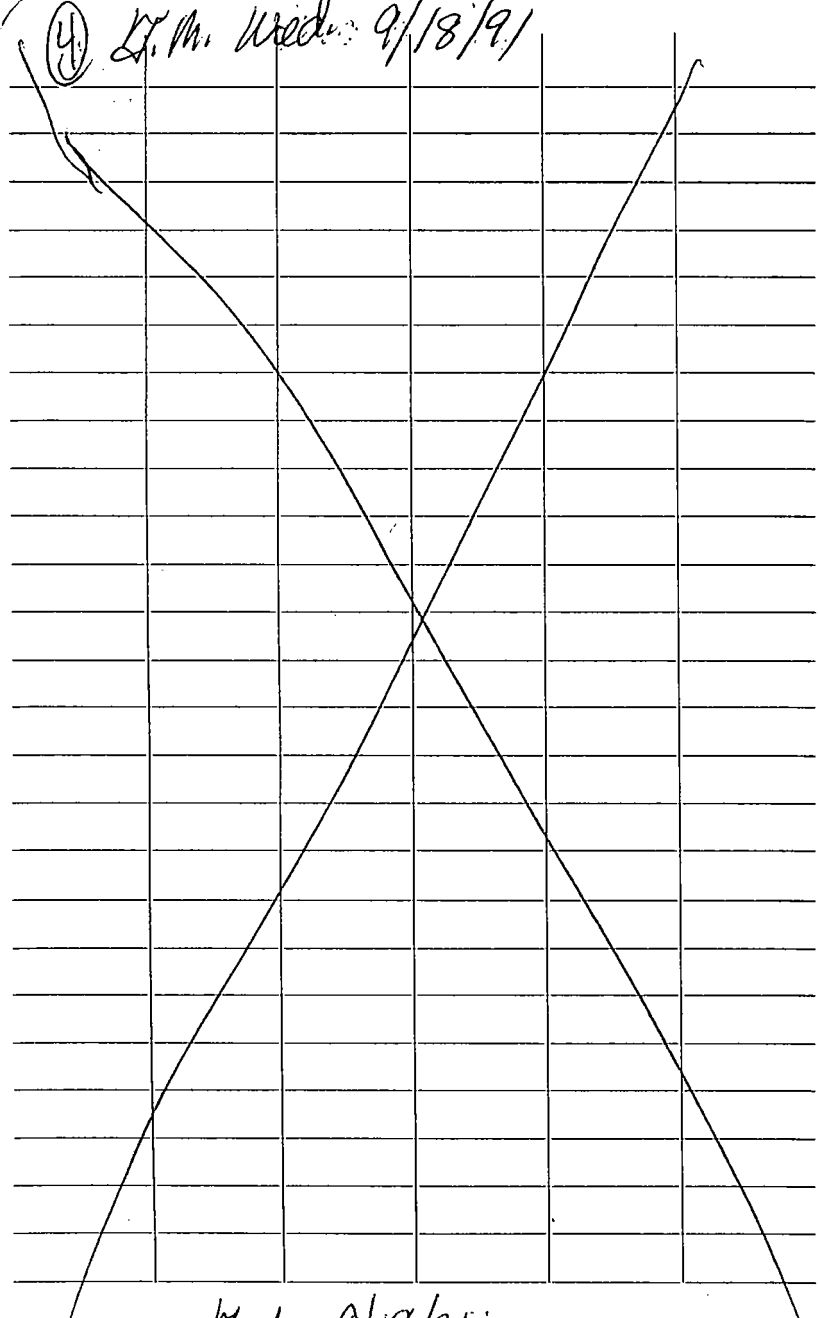


four houses west of Joynt Rd. There is a house and a three car ~~cy~~ cinderblock garage there.

Upon arriving at the site, the first observation was the driveway. ~~A~~ The entire J.M. The surface of the driveway is blacktop which is in poor condition. The base of the driveway extending to the street is gravel & slopes downward to the south.

Most of the driveway is covered with oil. There is a large pasture behind the garage with two horses. ~~Ve~~ Vegetation grows throughout most of the pasture. The J.M. first bare spot is a ~~ca~~ hole, approximately 15 x 30 x 2, dug to create a fish pond. It is now all mud with no vegetation. A few feet

(4) L.M. Wed. 9/18/91



T.M. Wed. 9/18/91 (5)

~~after~~ further north lies an area of garbage and some bare spots with no vegetation. The entire pasture is ~~your~~ surrounded by a barbed wire fence in poor condition.

The entire south portion of the pasture and driveway ~~as corn~~ are covered with scattered junk. In particular, the driveway, aside from being covered with oil, is covered with old tires, leaves, old mechanical parts, wire, metal parts, two tractors, and garbage. Two old cars are in the pasture.

At least two dogs and three kittens were present on the site and continuously stepped through the oil and

(6) St. M. Wed. 9/18/91

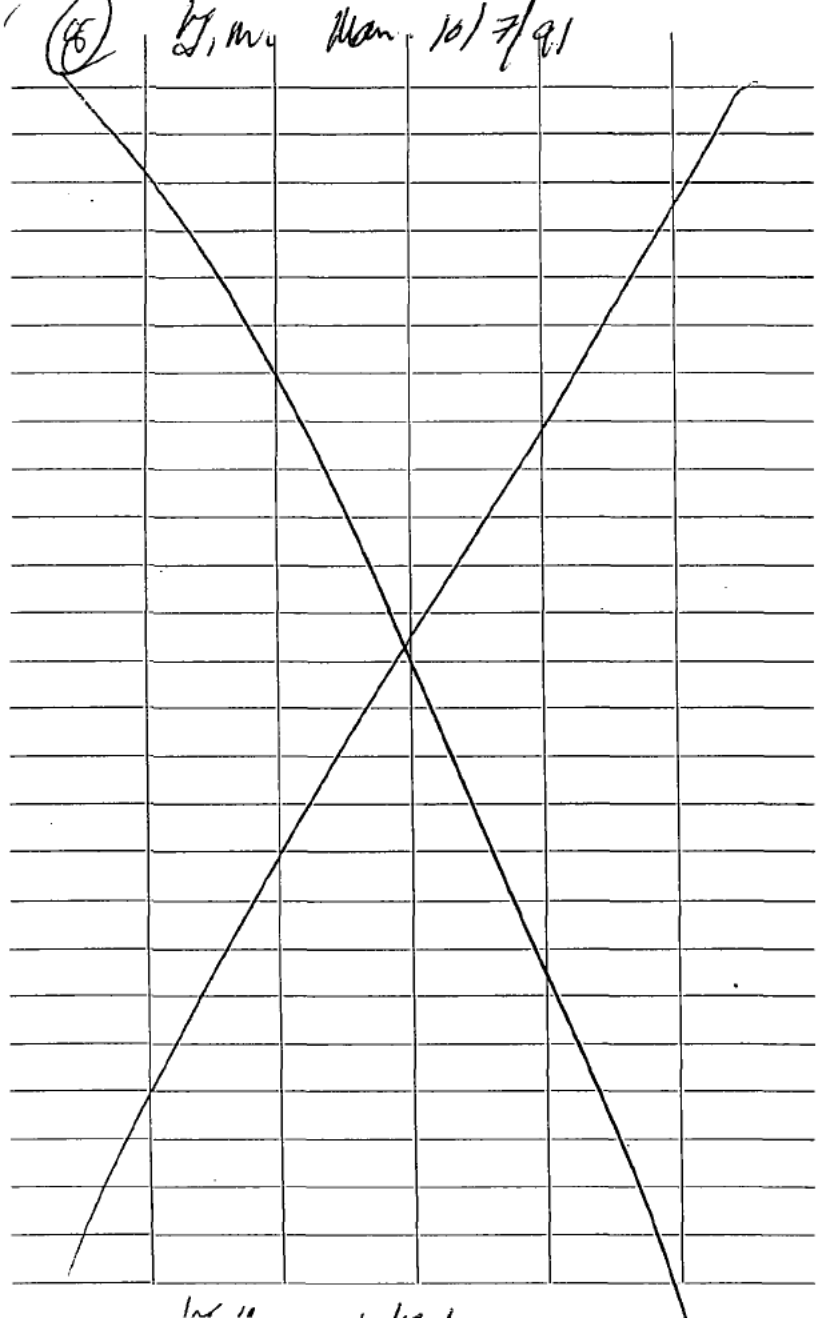
garbage.

There was a garbage odor coming from the pasture.

Ruben Sr. does not live at this residence, but he works on his trucks in the driveway and he lives at a couple of ~~[illegible]~~ or miles away. His phone number is Non - Responsive Ruben Sr.'s phone number at the residence is Non - Responsive Non - Responsive

Ruben Sr's occupation is a garbage hauler. He hauls garbage to the Mason County Landfill about one mile east of the residence.

(8) J. M. Man. 10/7/91



T. M. Man. 10/7/91 (9)

Photographs

#1 facing northeast: southern end of garage and northwestern part of driveway

#2 facing north: garage at ~~north~~ top left corner of picture; mud & oil spots at north eastern end of driveway

#3 facing southwest: mud & oil spots along southwestern portion of driveway

#4 facing west: area of scattered garbage.

T. M. Oct. 7, 91

8 JANUARY 1992

0756 BUWST TEAM ARRIVES AT RUBEN MURRELL TO COLLECT SAMPLES.
TEAM CONSISTS OF MONA REINTS (FTL + SHSO) JOHN QUINN (BQAO) JOE GADOMSKI (FDQ) AND PETE WOLSKO.
WEATHER: 39°, RAINING LIGHTLY. WINDS ARE ESE AT 10-15 MPH.
QUINN WALKS UP TO THE RESIDENCE AND INFORMS MURRELL SR. WE ARE PRESENT.
MURRELL OK'D BUWST TO "DO WHATEVER YOU HAVE TO DO".
0800 BUWST FINISHES REVIEWING HASP.
THE HCN METER IS GIVEN TO WOLSKO TO CARRY, THE RAD METER TO QUINN.
READINGS ARE NOW ZERO. GADOMSKI LABELS BOTTLES
0816 MURRELL JR. PULLS UP AND IS GREETED BY QUINN
0815 THE HNU IS CALIBRATED BY QUINN - HNU # 717887
PROBE # 717888
IDEAL: CAL GAS 100 PPM ISOBUTYLENE
11.7 eV PROBE - 5.0 SPAN, 64 PPM
ACTUAL: 1.8 SPAN, 64 PPM

[illegible] 1-8-92

0820 REINTS CONDUCTS HEALTH AND SAFETY MEETING

0825 GADOMSKI SEALS UP CUSTODY CASES OF 8OZ BOTTLES AFTER REMOVING THE BOTTLES WE WILL USE TODAY SEAL #S ARE 166212, 166213. BOTTLES ARE WIDEMOUTH.

0830-0840 FIELD TEAM WALKS THROUGH SURFACE SOIL SAMPLE LOCATIONS AND AIR MONITORS. HCN AND RAD METERS ARE READING ZERO. HNU READS LESS THAN 1PPM

0850 QUINN / WOLSKO COLLECT BACKGROUND SAMPLE FROM THE FRONT YARD OF THE RESIDENCE (FRAME 14+15 ROLL) SS-01, BACKGROUND SAMPLE LOCATION FROM THE SOUTH

0855 QUINN/WOLSKO COLLECT SECOND SAMPLE IN FRONT OF / TO THE SOUTH EAST OF THE CINDER BLOCK GARAGE

(FRAME 16+17 ROLL) NOTE: PREVIOUS 13 FRAMES OF THIS FILM WAS USED AT ANOTHER SITE

1-8-92

SS-02 IS OILY IN APPEARANCE
THE SAMPLE IS DARK IN COLOR.
PICTURES FROM THE SOUTHEAST.
0900 WOLSKO / QUINN COLLECT
SS-03 FROM GARBAGE PILE
IN MURRELLS ~~Sen~~ BACK YARD.
THE SAMPLE HAS A THIN LAYER
OF BLACK TOPSOIL, LIGHT BROWN
CLAY UNDERNEATH. NO ODORS
DETECTED. STILL RAINING
PHOTOS 18+19, ROLL 1 FROM
THE NORTH. SS-03 LOCATION.
0910 WOLSKO / QUINN COLLECT
SS-04 FROM SECOND GAR
BAGE PILE CLOSER TO THE HOUSE.
SAMPLE IS MED. BROWN COLOR,
NO IRREGULARITIES NOTED.
PHOTOS 20+21 ROLL 1 SS-04
SAMPLE LOCATION. FROM THE
NORTH.
0925 BVWST TEAM CONDUCTS
DECON OF SAMPLE SPOONS
THE FDQ - GADOMSKI - HAS
KEPT A SEPARATE LOG OF SAMPLES
AND TIMES OF COLLECTION

0930 QUINN/REINTS LOOK FOR THE RESIDENTIAL WELL ABOUT 8' NORTH EAST OF THE BACK STEP IS A N10" CLAY TILE STICKING OUT OF THE GROUND WITH AN INVERTED MILK CRATE OVER IT

0935 QUINN/REINTS ASK MRS. MURRELL WHERE THE WELL IS AND SHE POINTS TO THE INVERTED MILK CRATE. SHE IS UNABLE TO DRINK THIS WATER BECAUSE ITS SULFATE CONTENT AGGRAVATES HER KIDNEYS, SHE STATES. SHE DOESN'T KNOW IF THE WELL IS BURIED - IT APPEARS TO BE - AND DOESN'T KNOW WHERE THE STORAGE TANKS ARE. BUWST COMMENTS THEY MAY NEED TO TAKE A SAMPLE LATER TODAY, OR POSSIBLY ANOTHER DAY. SHE POINTS OUT AN OUTSIDE TAP/HOSE NEAR THE BACK STEP THAT BUWST CAN USE.

BUWST DOFFS

0945 BUWST EXITS SITE.
THERE HAS BEEN NO SAS REQUEST
FOR THE RESIDENTIAL WELL.
GADOMSKI WILL CALL CRL TO
ASK IF A SAS REQUEST CAN
BE GRANTED OR IF THE WATER
COULD BE ANALYZED TO NON-
RES. STANDARDS SINCE IT
IS NOT USED FOR DRINKING.
1000 BUWST ARRIVES HOTEL.
WILL PREPARE PAPERWORK FOR
TODAYS SAMPLE. GADOMSKI
WILL CALL FOR A LAB
1100 BUWST MAKES UP SAMPLE
TAGS, SEALS SAMPLE BOTTLES
WITH STRAPPING TAP, WAITING
FOR LAB ASSIGNMENT. REINIS
CALLS IVES AT BUWST TO ASK
IF MURRELLS WELL SHOULD BE
SAMPLED, AND IF SO, FOR RES.
WELL OR GROUNDWATER PARAMETERS
IVES SAYS TO LET US EPA DECIDE
AND NOT TO SAMPLE IT TODAY.
1140 BUWST CALLS WITH LAB
ASSIGNMENTS.

1-8-91

1230 PELS FROM US EPA CALLS GADOMSKI TO ANSWER HIS QUESTIONS ABOUT SHIPPING SIGNTURES. PELS SAYS TO HAVE SAMPLERS RELENQUISH SAMPLES. HE ALSO ASKS HOW TRIP BLANK SHOULD BE INDICATED ON THE CHAIN - SHE SAYS PUT A B/ IN THE K SECTION AND CALL IT LEACHATE

~~HE~~ RR

REINTS HAS CALLED FEDERAL EXPRESS AND ARRANGED FOR 1430-1530 PICK-UP. DECA 15 IS THE CONFIRMATION NUMBER

1410 COOLER IS PACKED. QUINN HAS BEING CONDUCTED QC, WOLSKO PACKS THE COOLER

1435 COOLERS (LAST TWO) ARE ~~PHOTOGRAPHED~~ OPEN (FRAME 25, ROLL 1

1525 WAITING FOR FED EX PICK UP

1535 FED EX HAS JUST ARRIVED.

1545 FED EX HAS JUST DEPARTED.