

Name CHAD A. HALL

R. F. Weston Inc. EPA-STAR-II
Address Book 2

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PAGE

REFERENCE

DATE _____

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Location Gulf Nuclear Webster Date 1-28-02
 Project / Client TDD # 01-12-0030 / EPA

0600 START HALL ARRIVES ON SITE.
 0630 HOT SHOTTER CALLED DES ENTERPRISES EXPRESS, OAKRIDGE TENNESSEE. NO PHONE NUMBER WAS AVAILABLE. ————
 0700 START HALL PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF. SAFETY TOPIC WAS SLIPS AND TRIPS BECAUSE MOST OF THE FLOCKS IN THIS FACILITY ARE NOW LINED WITH PLASTIC SHEETING. ————
 0730 START HALL TAKES TO USACE McLOY ABOUT THE DAYS WORK. ————
 0745 START HALL CALLS WESTON'S CADD DEPT. AND INQUIRES TO THE COMPLETION TIME FRAMES OF THE SITE DRAWING. THE CADD DEPT STATED THAT IT WOULD BE WORKED ON TODAY. ————
 0810 IT REP JIM LANGSTON ASKED IF START HALL WOULD INQUIRE WITH EPA-OSC FREE AS TO IF THE HALL CONTACTED LOS ALAMOS IN REF. TO AMERZUM DISPOSAL. ————
1/28/02

Location Gulf Nuclear Webster Date 1-28-02

Project / Client TDD # 01-12-0030 / EPA

0850 START HALL MEETS EPA-VEGA'S REP BRIAN MOORE. ————
 0900 START HALL CONDUCTS A SITE WALK WITH EPA-MOORE. ————
 0930 START BRIEFES EPA-MOORE AS TO WORK THAT HAS STARTED ON SITE AND NUMBERS OF RADIATION LEVELS THAT U.S. ECOLOGY STATES THAT IT HAS SEEN TO DATE ON SITE. ————
 1015 EPA-MOORE MEETS I.T. REP ALMOUST AND U.S. ECOLOGY REP BRUCE. ————
 1100 EPA-MOORE MEETS USACE McLOY. ————
 1120 START HALL AND EPA-MOORE GO TO ROLLOFF STAGE AREA TO WATCH US ECOLOGY SCAN THE ROLL-OFFS WITH A HIGH Purity Germanium (HPG) UNIT. ————
 1130 OSC FIRE LEAVES SITE TO ATTEND AN LEPC MEETING IN HOUSTON TX.
 1200 LUNCH BREAK ————
 1300 END OF LUNCH BREAK. ————
1/28/02

Location Grove Nuclear Webster Date 1-28-02
 Project / Client TDD# 01-12-0030 / EPA


1310 USACE Miley asks start hall

if it is ok to leave the inter
 modules in the radiation area
 with radioactive material in
 them. Start hall informed USACE
 Miley that to the best of his
 knowledge there were not any
 regulations that governed that.

1330 Retire entry from 1015 this

date. Start hall inquiries with
 US Ecology Rep Bruce about
 the neutron radiation field.
 US Ecology Rep Bruce indicated
 to start hall and EPA-Moore
 that the neutron field was 180-
 200mR at the glove box in room
 35, not 100mR as previously

documented on 1-25-02. ————
 Start hall does a site walk with
 EPA-Moore using a Ludlum model 19
 Micro R meter. ————



1/28/02

Location Grove Nuclear Webster Date 1-28-02
 Project / Client TDD# 01-12-0030 / EPA

1530 EPA-Moore informs start hall

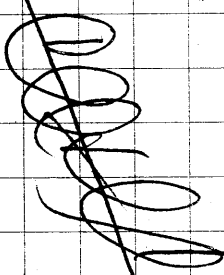
that potentially there
 may be some neutron inter-
 ference using the Micro R meter.
 OSC-Fiber comments site walk
 with start hall and EPA-
 Moore. ————

1623

Start hall and EPA-Moore
 talk about high volume and
 low volume air sampling and
 that he can count the
 samples for start hall.

1700
 1722

EPA-vegas leaves for day.
 Start hall leaves for
 the day ————



1-28-02

End of

Days Notes.

Location GULF NUCLEAR WESTER Date 1-29-02
 Project / Client TDO # 01-10-0010 / EPA

0627 START HALL ARRIVES ON SITE.
 0700 START HALL, EPA-VEGAS MOORE AND DAVENSON PARTICIPATE IN U.S. ECOLOGY SITE SAFETY MEETING, TOPICS FOR SAFETY WERE HEAT STRESS AND PROPER LIFTING TECHNIQUES. CP
 0815 START HALL ADJUSTS THE WESTON TDD # THIS DATE IN THE LOG BOOK TO THE ORIGINAL TDD # FOR OVERSIGHT. CP
 0935 START HALL CONDUCTS A SITE SURVEY WITH ALUCUM MODEL 19 MICRO R METER CALIBRATED 11-21-01, SERIAL # 91549. EPA-MOORE AND DAVENSON RECOMMENDED START
 1000 START HALL IS GREETED BY DARIAN WARD A REPORTER FOR HOUSTON NEWS CHANNEL FOX 26. MS. WARD REQUESTED IF SHE COULD HAVE A SOUND BITE FOR THE LOCAL NEWS. START HALL STATED THAT HE WOULD GET THE EPA-OSC FILE TO ANSWER ANY QUESTIONS.

CP 1-29-02

Location GULF NUCLEAR WESTER Date 1-29-02
 Project / Client TDO # 01-10-0010 / EPA

1040 START HALL AND EPA-VEGAS COMPLETE BOUNDARY SURVEY AND MAPPING. CP
 1100 START HALL GOES TO LUNCH.
 1200 END OF LUNCH CP
 1235 MAP POINTS FROM MORNING SURVEY WORKS NOTED BY START HALL TO BS:
 SURVEY WORKS NOTED BY START HALL TO BS:

Sample #	READING AT 1 METER
01	260 micror/hour
02	370
03	410
04	220
05	120
06	80
07	60
08	70
09	60
10	40
11	50
12	100
13	130

1-29-02

CP 1-29-02

Location GULF NUCLEAR WEBSTER Date 1-29-02
 Project / Client TDD # 01-10-0010 / EPA

1350 SAMPLE # READING AT 1 METER

1-29-01	14	60	micro R/hour
	15	50	
	16	60	
	17	70	
	18	110	
	19	48	
	20	48	
	21	50	
	22	65	
	23	70	
	24	50	
	25	50	
	26	45	
	27	60	

1300 START HALL MAKES A SITE WORK.
 1330 START HALL AND EPA-MODAC LEAVE SITE
 TO TRAVEL TO SUNTAC RADIATION SERV.
 TO OBTAIN SOME SAMPLE MEASUREMENTS
 AND AS TO IF THIS MODEL IS VALID
 RESOUNDS TO NEUTRON SOURCES, THIS GIVEN
 SOS WAS THEN BACK SCATTERED COULD HAVE
 AN EFFECT ON A MODEL IN 600 cm.

1/29/02

Location Gulf Nuclear Webster Date 1-29-02
 Project / Client TDD # 01-10-0010 / EPA

1440 START HALL OBTAINS (6) SIX SNEAK

SAMPLES FROM SITES WHERE U.S. EQUALLY
 AND START ENTER AND EXIT FOR
 RADIATION MEASUREMENT.

1500 SAMPLE 1 SIX (6) INCHES OF STEEL AND
 SAMPLE 2 DOOR EXIT OF STEP OFF ROOM

SAMPLE 3 CONCRETE OUTSIDE STORAGE ROOM
 SAMPLE 4 COUNTER IN STEP OFF ROOM.

SAMPLE 5 BOTTOM STAIR TO DETON TOWER
 SAMPLE 6 FLOOR OF BREAK TOWER IN DEE
 WAY.

1600 START HALL MOVES WORK ZONE
 FOR ACTIVITY.

1630 START HALL MAKES NOTE PER OSC
 REQUEST THAT THE TWO GATS

WERE DELIVERED TO DR. BRYAN
 DUE TO PHONE NUMBER (713) 483-1177
 TO KEEP ALIVE AND STUDY STAIR

1715 BOTH WERE CONTAMINATED WITH
 SMALL REMAINABLE/DETECTABLE LEVELS.
 START HALL LEAVES SITE FOR DAY.

1-29-02 END OF DAYS NOTES.

Location Gulf Nuclear Wastewater Date 1-30-02
 Project / Client TDD # 01-10-000 / EPA

0637 START HALL ARRIVES ON SITE.

0700 START HALL AND EPA-MOORE +

DAVIDSON PARTICIPATE IN U.S.

ECOLOGY & SAFETY BRIEF. TOPICS

WERE SLIPS AND TRIPS, AND FIRE

EXTINGUISHER USE FOR GRINDING.

0735 START HALL AND EPA-MOORE DEPARTURE

THAT STARTS FROM 1-30-02. WOULD BE
 READ TODAY. CD

0830 START HALL CONDUCTS ASSETS WORK.

0852 START HALL AND EPA - DAVIDSON DO A

PERIMETER SWEEP USING A LUDUM MODEL

19 MICRO METER SERIAL #91549. READS

TRAB AT THIS 4 METER LEVEL.

0853 ADDRESS DE POTAT III W LOOP SCOUT #130 HOUSTON

SAMPLE # READING AT 4 METER

0855 1-30-02 01 260 MicroR/hour

02 380

03 380

04 240

05 130

06 80

07 60

0855

SAMPLE #

READING AT 4 METER

1-30-02

08

70

MicroR/hour

09

60

10

40

11

50

12

90

13

130

14

60

15

50

16

60

17

70

18

110

19

50

20

45

21

50

22

60

23

50

24

55

25

50

26

45

27

80

Location Gulf Nuclear Wastewater Date 1-30-02
 Project / Client TDD # 01-10-000 / EPA

0935 START HALL AND EPA-DAVISON
COMPLETE SITE/PERMITS SURVEY FOR
THE DAY. COO
A REP. FROM RELIANT ENERGY ARRIVED
AND STATED HE NEEDED TO REAP THE
POWER METER ON THE OFFICE BLDG. START
HALL REFERRED HIM TO U.S. ENERGY RCP
TIMMY MOTO. COO
1045 START HALL ASKED BY IT REP
PARKER TO SEND POTENTIAL ASBESTOS
SAMPLES TO A LAB FOR VERIFICATION.
START HALL INFORMS MR. PARKER
THAT SAMPLES MUST GO THROUGH
THE EPA ON USAGE. COO
1110 OSC-FIFE DETERMINES THAT THIS
USAGE WILL SEND ASBESTOS SAMPLES
OUT FOR TESTING. COO
1200 LUNCH BREAK COO
1300 END OF LUNCH COO
1315 START HALL GIVES OSC-FIFE ACTION
SHOTS FOR WEEKLY REPORT. COO

COO
1/30/02

1330 EPA-MOORE AND START HALL
TRAVEL TO GWT TAVERNOR SITE
TO ASSESS OVERALL VISUAL
CONDITIONS. COO
1400 EPA-MOORE AND START HALL
DETERMINE THAT APPROX. 1/2 OF
THE SITE IS UNDERWATER
BEHIND THE BUILDINGS. EPA-MOORE
DOES NOTE THAT WHILE VISITING A
LUDLOW 19 MICRON METER THAT A
SMALL ~~WATER~~ BLDG WAS IN
ON OUTSIDE SURFACE CONTACT. START
HALL WAS UNABLE TO VISUALLY
IDENTIFY A SEPTIC TANK ON
SITE. COO
1530 START HALL AND EPA-MOORE
RETURN TO GWT WASTEB. COO
1600 OSC-FIFE AND START HALL OBTAIN
ADMINISTRATIVE RESOURCES FOR EPA
PERSONNEL AT SITE. COO
1715 END OF DAY COO

COO
1/30/02
END OF DAY
NOTES

1000 START HALL ARRIVES ON SITE.
 FROM THE WESTON OFFICE. ——— @
 1100 START HALL GIVES OSC-FIFE
 A COPY OF "ACTION SHOTS" TO US
 FOR WEEKLY REPORTS. ——— @
 1130 START AND BRB GO TO LUNCH. ——— @
 1130 END OF LUNCH. ——— @
 1130 OSC-FIFE TELLS US TO EPA-R6 FOR
 RESPONSE DUTY. ——— @
 11400 U.S. EQUADY REP MUST CALLS RATH
 OUT FOR DAY AND SENDS BRB
 OFF SITE. ——— @
 1525 START HALL NOTES THAT THIS IS
 A RATHER LONG WEEKEND FOR U.S.
 ECOLOGY AND THEY WILL BE GOING
 FROM SITE FRIDAY FEBRUARY 1ST THRU
 MONDAY FEBRUARY 4TH. ——— @
 1705 START HALL LEAVES FOR DAY. ——— @

[Signature] 1/31/02
 END OF DAY'S NOTES

0700 START HALL ARRIVES ON SITE
 0715 START HALL COMPLETES JANUARY
 VEHICLE INSPECTION. ——— @
 0745 START HALL TAKES MONTHLY
 INSPECTION AND DESTINATION
 SHEET TO WESTON DAILES
 RES, Art Huley, 469-374-7788.
 0830 EPA-MODE AND START HALL ENTER
 PERIMETER TO TAKE READINGS ——— @
 USING A LUDUM 19 serial #91549, ~~the~~
 EPA-MODE DEMONSTRATES THE
 PROVEN TECHNIQUE IN READING
 SMILEX SAMPLES. START HALL
 USES SAMPLES FROM 1-29-02. ——— @

SAMPLE 1 - 02, 32 cpm B
 Sample 2 - 02, 30 cpm B
 Sample 3 - 02, 30 cpm B
 Sample 4 - 02, 26 cpm B
 Sample 5 - 02, 40 cpm B
 Sample 6 - 02, 29 cpm B
 BLANK - 02, AND 43, 35 B IN CPM.
 THE LUDUM MODEL 3030 ~ 45

[Signature] 2/4/02

0845 CONT'D - CALIBRATED BY EPA -
 MODEL, BETA CORRECTION TESTING USING

Am-241 @ 10,001 dpm net. date 1/27/02
 Sn - 90016, 108 dpm net. date 1/27/02

BETA STAND	ALPHA STD
6733B 7x	31612 358 B
6788B 3x	31102 336 B
6734B 8x	30678 384 B
$\bar{X} = 6753 \text{ dpm}$	$\bar{X} = 3113 \text{ dpm}$
$\text{eff. } 41.92\%$	$\text{eff. } 31.06\%$
$\bar{Y} = 64 \text{ cpm}$	$\bar{Y} = 359 \text{ cpm}$
$\beta \rightarrow \gamma \text{ tail}$	$\gamma \rightarrow \beta \text{ tail}$

EPA - MODES NOTED BATTERIES
 CHECKING SAMPLES THAT BATTERIES
 OF ALPHA AND BETA
 HAD READINGS OF 27, 28, 34, 31 cpm
 FOR BACKGROUND. 000

1002 START HALL AND EPA - MODES
 PREPARE TO MAKE AN ENTRY USING A
 LUDUM MODEL 19, LUDUM MODEL 15,
 LUDUM MODEL 12-4, AND A
 S.A.M. UNIT. READINGS WERE
 AS FOLLOWS: 000

000 2/4/02

1002 CONT'D - 000

S.A.M.	MODEL 19	MODEL 15	MODEL 12-4
A ₁ Cs137, Ra226	180 mR/hr	—	—
A ₂ Cs137	140 mR/hr	—	—
A ₃ Cs137, Ra226	130 mR/hr	—	—
A ₄ Cs137, Ra226	160 mR/hr	—	—
A ₅ Cs137, Ra226	140 mR/hr	—	—
A ₆ Cs137, Ra226	135 mR/hr	—	—
A ₇ Cs137, Ra226	140 mR/hr	—	—
A ₈ Cs137, Ra226	140 mR/hr	—	—
A ₉ TO NOISY	75000 dpm	—	—
A ₁₀ TO NOISY	> 5 mR/hr	—	—
A ₁₁ Cs137, Ra226	300 mR/hr	—	—
A ₁₂ Cs137, Ra226	90 mR/hr	—	—
B ₁ —	402 mR/hr	188	406
B ₂ —	> 5 mR/hr	1476	1168
B ₃ —	1.0 mR/hr	184	422
B ₄ —	> 5 mR/hr	1004	834

1130 START HALL NOTES THAT EPA -
 MODE STARTED THAT HE IS A
 GAMMA SPECTROSCOPE AND START
 HALL FURTHER NOTES THAT EPA - MODES
 OPERATED THE S.A.M. UNIT ENTIRELY.

000 2/4/02

Location GULF NUCLEAR WEBSTER Date 2-4-02
 Project / Client TDD # 01-10-0010 / EPA

1800 LUNCH BREAK ——— OK
 1300 END OF LUNCH. ——— OK
 1310 START HALL PARTICIPATES IN A
 SITE WALK WITH EPA-MODEL,
 USACE LEMAY, U.S. ECOLOGY MOTT,
 IT REPS ALMQUIST AND PARKER.
 AND USACE RRP TERRY AND JEFF.
 1500 SITE WALK OVER. ——— OK
 1510 START HALL AND EPA-MODEL,
 UNDER GUIDANCE OF OSC-FIRE,
 TRAVEL TOW 300 DICKINSON AVE
 LEAGUE CITY, GALVESTON COUNTY,
 TEXAS, WHICH WAS STATED BY OSC
 FIVE VEA CELL PHONE CONVERSATION
 WITH START HALL THIS DATE TO
 BE A PREVIOUS ADDRESS OF
 GULF NUCLEAR WEBSTER. START
 HALL AND EPA-MODEL WALK THE
 300 ADDRESS SITE WITH A LUDUM
 MODEL 19, START HALL AND EPA-
 MODEL NOTE THAT READINGS ARE
 BETWEEN 7 AND 10 micro R/hour,

OK 2/4/02

Location GULF NUCLEAR WEBSTER Date 2-4-02
 Project / Client TDD # 01-10-0010 / EPA

1625 START HALL CALLS OSC-FIRE
 VIA THE CELL PHONE AND INFORMS
 OSC-FIRE OF WHAT WAS FOUND
 AT THE 300 ADDRESS. ——— OK
 1630 START HALL COMPLETES PERIMETER
 SURVEY FOR THE DAY. ——— OK

SAMPLE # 2-4-02 01 260 micro R/hour
READING AT 1.0 meter

02	420
03	400
04	240
05	120
06	80
07	50
08	60
09	55
10	40
11	55
12	100
13	135
14	70
15	50
16	60

OK 2/4/02

Location GULF NUCLEAR WEBSTER Date 2-4-02
 Project / Client TDD # 01-10-0010 / EPA

1630 CAUTION SAMPLE # READING AT 2.0 METER
2-4-02 17 80 MICRO R/HOUR
18 100
19 50
20 40
21 60
22 85
23 80
24 80
25 50
26 45
27 80

START 1400 COMPLETES SITE SURVEY. CC
 1715 USACE LEAHY MAKES A SITE WALK WITH EPA-MODRE. CC
 1830 START LEAVES FOR DAY. CC

2/4/02
 END OF DAYS NOTES.

Location GULF NUCLEAR WEBSTER Date 2-5-02
 Project / Client TDD # 01-10-0010 / EPA

0630 START HALL AREA'S ON SITE.
 0700 START HALL PARTICULATES IN U.S. ECOLOGY'S SAFETY BRIEF ON SEPP AND TRIPS AND NO LIGHTS IN THE FACILITY. CC
 0800 EPA-MODRE INFORMS USACE LEAHY ABOUT THE NEUTRON AND GAMMA RADIATIONS OTHER BY EPA-MODRE IN THE BRIEF WAY AND HALLWAY USED FOR ENTRY AND EXIT AND HIS CONCERN FOR EXPOSURE RATES TO THE HEAD AREA OF PERSONNEL WORKING IN THESE AREAS NUMEROUS TIMES DAILY. CC
 0900 START HALL NOTES THAT AM/C SERVICE COMPANY CALLED HUDSON BASED IN AUSTIN TEXAS ADVISED GIVE SITE TO DRAW THE FLOOR OUT OF THE AIR UNITS ON THE ROOF. CC

2/5/02

Location GM Western Date 2-5-02
 Project / Client TDD # 01-10-0010 / EPA

1000 START HALL DOES A PERIMETER
 SURVEY WITH A Leupold 14 serial
 # 91549 AND MARKS POINTS AND
 REMARKS. Delayed by Rain شروع
 11:00 Sample # REMOVED AT 1 METER

2-5-02 01 260 MIRROR/HOUR

02 415

03 420

04 280

05 120

06 80

07 50

08 60

09 50

10 38

11 60

12 110

13 120

14 75

15 50

16 60

17 90

18 90

Location GM Western Date 2-5-02
 Project / Client TDD # 01-10-0010 / EPA

1100 cont SAMPLE # REMOVED AT 1 METER

2-5-02 19 50 MIRROR/HOUR

20 40

21 50

22 70

23 70

24 60

25 60

26 50

27 85

1140 START HALL LEAVES WESTERN
 SITE TO PICK UP EPA-JEFF
 DAVIDSON FROM Houston Hobby
 Airport. —————

1351 START HALL RETURNS TO SITE
 WITH EPA-DAVIDSON FROM
 AIRPORT AND LUNCH BREAK. —————

1420 START HALL PHOTOGRAPHS OF NEW
 STARD BRICKS BEING DELIVERED.

1550 USABLE LEADY PHONES OSC FINE
 IN RIF TO LOSING OFFICE SPACES
 AND SWITCHING TO SETS
 TRAILERS. —————

2/5/02

2/5/02

2/5/02

2/5/02

2/5/02

2/5/02

2/5/02

2/5/02

2/5/02

Location GNU WEBSTER Date 2/5/02
 Project / Client TDD # 01-10-0010 / EPA

1620 USAGE LEAHY OBTAINS INFORMATION FROM THE HOSPITAL ADMINISTRATION THAT THE APPARENT ABANDONED BLUE TRAILOR WITH THE UNKNOWN DAWMS IS APPARENTLY HOSPITAL PROPERTY AND THEY WILL MOVE IT IN THE NEAR FUTURE. — Q
 1640 U.S. ECOLOGY COMPLETES SET UP OF NEW STAGED BIRDS ON THE SETS AND MOVES THE PRE TRAILOR TO IN FRONT OF THE DECOR TRAILOR. USACE CARRY AND I.T. DANIEL AND U.S. ECOLOGY NOT HAVE A

1645 COMPENSATION ABOUT THE INITIAL \$64,000 ADT. OF FUNDS BEING ALMOST SPENT AND THAT TULSA CORP NEED TO GET ANEW FUNDING ORDER SO THAT USACE CAN CONTINUE AND THAT THE INITIAL OFF SITE STAFFERS CAN'T OBLIGE UNTIL FUNDING IS ENDED. ALL BOOKS BY NEXT FRIDAY THAT SHOULD BE ACCOMPLISHED. — Q

2/5/02

Location GNU WEBSTER Date 2/5/02
 Project / Client TDD # 01-10-0010 / EPA

1650 I.T. PARKER STATES TO START HAVE THAT A C-1744C HAS ARRIVED ON SITE TO MOVED THE EPA OFFICE FURNITURE AND STARTS OFFICES FURNITURE. 1715 START HAVE LEAVES FOR DAY.

2/5/02
 END OF DAY
 NOTES.

Location GNI WEBSTER Date 2/6/02
 Project / Client TDD # 01-10-0010 / EPA

0540 START HALL ARRIVES ON SITE.
 0600 START HALL LETS A FLUNT BED
 TROUC QVARYING B-12 AND B-25
 LEAD LINED CONTAINERS ONTO THE SITE,
 0700 START HALL AND EPA DRAYDON PARTICIPATE
 IN U.S. Ecology's DAILY SAFETY BRIEF
 TOPIC COAS SCIOS AND TRIAS ON
 PLASTIC AND EXTENSION CORDS. ——— QJ
 0730 B-12 AND B-25 BOXES REMOVED FROM
 FLOORED AND STORED ON SITE.
 0800 START HALL PROVIDES EPA-DRAYDON
 A COPY OF SITE SURVEY DOWNS BY
 START HALL AND EPA MOORE DATED
 2-4-02. ——— QJ
 0915 START HALL EMAILS OSC FIVE THREE
 PIX OF ACTION SHOTS FROM WEBSTER
 SITE AND A INITIAL B1A1C COPY OF
 THE SCANNING AOC FOR HIS REVIEW
 BEFORE START HALL UPLOADS THE AOC
 TO THE WESTON TERN LINKS
 SITE. ——— QJ
 0945 START HALL PREPARES FOR THE DAILY
 SITE SURVEY WITH EPA-DRAYSON.
 QJ 2/6/02

Location GNI WEBSTER Date 2/6/02
 Project / Client TDD # 01-10-0010 / EPA

1000	SAMPLE #	READING AT 1 METER
2-6-02	61	270
	62	420
	63	440
	64	270
	65	130
	66	85
	67	50
	68	60
	69	50
	70	38
	71	60
	72	80
	73	140
	74	60
	75	55
	76	65
	77	80
	78	110
	79	55
	80	38
	81	42
	82	48

QJ 2/6/02

Location GNU I WEBSTERDate 2/6/02Project / Client TDD # 01-10-0010 / EPA1000 QWTD Sample # Readings at 1 meter2-6-02 23 80 MICRO R/Hour

24 80

25 70

26 60

27 85

1020 START HALL AND EPA-DAVIDSON COMPLETESURVEY OF SITE.1021 USAGE LEAHY STATES TO START HALLTHAT MORE LEAD LINED BLANKETS WILLBE BROUGHT IN FOR SHEDDING ITEMSAND AREAS. MR. LEAHY ALSO STATESTHAT THE STAGING AREA FOR MODULESAND ROLL OFFS WILL MOVE FROM THISBUDG. 3 AREA TO THE CONCRETE PADADJACENT TO BUDG. 1.1030 START HALL PROVIDES A COPY OF SITESURVEY FROM THIS DATE AND 2/5/021040 TO EPA-DAVIDSON FOR HIS FILES.START HALL NOTES THAT THIS USAGEINFORMED U.S. ECOLOGY STARTTHEY MUST PARK OFFSITE OUT-SIDE THE SITE GATE.2/6/02Location GNU I WEBSTERDate 2/6/02Project / Client TDD # 01-10-0010 / EPA1045 US ECOLOGY TAKES FENCE DOWNADJACENT TO BUDG. 2 IN ORDERTO MOVE ROLL-OFFS ON TO THEPAD ADJACENT TO BUDG. 1.LUNCH BREAKEND OF LUNCHIT. PARKER, USAGE LEAHY, START HALLUS ECOLOGY CURRENTLY MOVING A NEW12X24 SKID BLOC INTO POSITION ONTHE NORTH FENCE OF THE SITE.OSC - FIFE CONTACTS START HALLWITH CELL PHONE AND STATES HISREVIEW OF THE AOC IS ACCEPTABLETO SUBMIT. HES ALSO STATED THAT HEWANTED START HALL TO SUBMITPICTURES OF THE SCAN OPERATIONTO OSC - FIFE SO HE CAN PASS THEM ONTO EPA - VEV.OSC - FIFE ON THE CURRENT PHOTOSCALL GIVES USAGE LEAHY THE ADDRESSOF THE EPA OFFICE TRANSITION TO 1352720 WEST 81st STREET IN ODESSATEXAS. THE TRANSITION IS ON 2/6/022/6/02

Location GVI Webster Date 2/6/02
 Project / Client TDD # 01-10-0010 / EPA

1/1415

START-HALL MAKES RETRO ENTRY FROM
 0730 THIS DATE TO IDENTIFY
 THAT U.S. ECOLOGY DID SCAN THE
 B-25 AND B-12 BOXES BEFORE
 THEY WERE REMOVED FROM THE
 FINISHED TROUBLEMAKER. ———

1/1430

START HALL NOTES THAT THE
 TRAILER, 12X48, WAS DESTROYED
 ON SITE. IT WAS NOTED THAT
 U.S. ECOLOGY SCANNED BOTH TRAILERS
 FOR PREVIOUS RADIOLOGICAL CONTAMIN.

1/1445

START HALL NOTES THAT REPS
 FROM GARDER ENVIRONMENTAL SVC.
 APPEARED AT THE ALLEGED ———

1/1530

ABANDONED TRAILER AND WENT
 REMOVING THE CONTAINERS AND
 CATEGORIZING THEM. ———
 START HALL IS INFORMED BY
 U.S. ECOLOGY'S MOTT THAT 3 MORE
 DOWN HOLES WERE IDENTIFIED
 IN BDDG 4 ROOM #41 IN THE
 NORTH EAST CORNER, LOCATED UNDER
 A STAIR. ———

2/6/02 CP

Location GVI Webster Date 2/6/02
 Project / Client TDD # 01-10-0011 / EPA

1/1600

START HALL HALL MAKES PLACES WITH
 EPA-DAVIDSON TO DO ASBESTOS ENTRY
 ON 2/7/02.

1/1640

START HALL ASKS MR MOTT HOW
 MANY NUMBERED SOURCES HAVE
 BEEN IDENTIFIED BY U.S. ECOLOGY.
 MR. MOTT REVERNS START AND
 ASKE LETHY AND EPA-DAVIDSON
 THAT 31 SOURCES HAVE BEEN
 IDENTIFIED AND NUMBERED AND
 THERE IS POTENTIALLY 44 MORE
 THAT HAVE NOT BEEN CATEGORIZED
 10 OF WHICH ARE POTENTIAL
 AM-BE SOURCES.

1/1650

START HALL CALLS OSC FREE VIA
 CELL PHONE AND INFORMS OF THE
 ABOVE INFORMATION.

1/1710

START HALL LEAVES FOR DAY

2/6/02
 END OF DHTS NOTES

Location GNUI WEBSTER Date 2/7/02
 Project / Client TDD #01-10-0010 / EPA

0700 START HALL AREZUES ON SITE.

AND PARTICIPATES IN U.S. ECOLOGY
 SAFETY BRIEF. TOPIC FOR SAFETY
 WAS CO2 STRESS AND TRIPS
 OVER POWER COEDS. ——— *CP*
 START HALL AND EPA-DAVIDSON

DISCUSS REMS FOR ACTIVITIES.

0800 START HALL SURFOLMS EPA-DAVIDSON

THAT THE LUDCUM 3030 25 NEOTARY
 TO COUNT SMOKE TAKEN ON 2-5-02.

0900 START HALL AND EPA-DAVIDSON

MOVE EPA-VEGAS VEHICLES TO THE
 END OF GRAVEL HALL ROAD TO DO

SMEAR COUNTS. ——— *CP*

0905 EPA-DAVIDSON AND START HALL CHECK THE

LUDCUM 3030 SERIAL# 176708 WITH AN

SR-90 SOURCE AND AM-241 SOURCE OF RECORD

EQUIM 24-02 CALIBRATION CHECK DONE BY

EPA-MOORE. ——— *CP*

Beta STAND SR90 ALPHA STAND. AM 241

7 Y 6631 B 3100 Y 427 B

6 Y 6605 B 3082 Y 358 B

3 Y 6442 B 3109 Y 351 B

\bar{x} \bar{y} \bar{x} \bar{y}

Location GNUI WEBSTER Date 2/7/02
 Project / Client TDD #01-10-0010 / EPA

0905 START HALL RUNS ~~THAT~~ *CP*

BEFORE SMOKE SOURCES RUN ON 2-5-02
 BECAUSE HALL EMPTY CHAMBER

CP

#1 0 34

#2 0 21

#3 1 38

#4 0 32

0930 BLIND SMOKE FROM 2-5-02

$y = 0$ cpm, $\beta = 36$ cpm

SMEAR #1 2-5-02 $y = 0$ cpm, $\beta = 29$ cpm

SMEAR #2 2-5-02 $y = 3$ cpm, $\beta = 40$ cpm

SMEAR #3 2-5-02 $y = 0$ cpm, $\beta = 35$ cpm

SMEAR #4 2-5-02 $y = 0$ cpm, $\beta = 32$ cpm

SMEAR #5 2-5-02 $y = 0$ cpm, $\beta = 30$ cpm

SMEAR #6 2-5-02 $y = 0$ cpm, $\beta = 36$ cpm

Empty Chamber count post smear

$y = 0$ cpm, $\beta = 28$ cpm

SMEAR COUNT COMPLETES BY START

HALL. ——— *CP*

U.S. ECOLOGY COMPLETES MOVES

IN G RECORDS AND MOVES TO

NEW PAD AND STARTS TO DISCUSS

CP 2/7/02

Location GNI WEBSTER Date 2/1/02
 Project / Client TDD # 01-10-0010/EPDA

1140 U.S. GEOLOGY Russ Meyers provides
 START HALL WITH A COPY OF
 PICTURES TAKEN OF THE NEW
 NEUTRON FLOOR IN BLDG. A, ON
 THIRD FLOOR DISC. CD
 LUNCH BREAK. CD
 END OF LUNCH. CD
 1300 START HALL NOTES THAT THE
 NEW DECONGRESS BLDG. IS
 1400 START HALL PROVIDES AN ORIGIN
 COPY OF THE FACTS SHEET ON
 THE WEBSTER SITE TO T.D.H. REP
 DAVID SMITH. START HALL ALSO
 PROVIDES A COPY OF THE SITE
 MAP TO MR. SMITH AT THE
 DIRECTION OF USACE LEAHY.
 1540 START HALL WALKS PERIMETER. CD
 1555 START HALL TRAVELS TO WESTON
 RES TO PICK UP SUPPLIES FOR
 TAVENOR SITE WALK TO START
 2/8/02 CD

END OF DAY NOTES

Location GNI WEBSTER/TAVENOR Date 2/8/02

Project / Client TDD # 06-02-01-0008 W.U. 1483.00121.
EPDA 1135

0630 START ARRIVES AT WEBSTER SITE.
 0700 START HALL AND EPA-DAVIDSON DO
 SITE SURVEY AT WEBSTER USTAH A
 MICRO RADIUM SMALL 49154.
 0830 START HALL LEAVES WEBSTER SITE TO
 TRAVEL TO GUNTHER TAVENOR LOCATED
 AT 9300 TAVENOR, HOUSTON, THURSDAY
 COUNTY TX. CD
 0900 START RESTAURANT + Harbor ARRIVES ON
 SITE GUNTHER CD
 AND BEGIN GETTING UP FOR THE
 DAYS WORK ON SITE. CD
 0935 START RESTAURANT DISTANCE WALK FOR
 HARBOR. CD
 1000 SITE SAFETY BRIEF BY START
 HALL. RADIATION AND SHIELDING,
 BIOHAZARD, HYDRA TION, SCISSOR TRIPS
 AND FALLS, POSTGRADY MUSCLES
 TWO BARRIERS. CD 2/8/02. C. L. HALL
 Began 11:00 Feb 08, 2002 Bill Hetherbert
 Angela P. Feb 08, 2002 Angela P. Feb 08, 2002
 Brenda Moore Feb 08, 2002 Brian Moore

2/8/02

Location GNUZ AVENUEDate 2/8/02Project / Client TOD # 02-01-0008 W.U. # 12632.001.12.1725EPA

1000

STREET HALL PROUDS START MEDICAL

WZT A TUD ROAD #1403631707, MA.

HERBERT'S #1 AHS SS.461-37-9452, P.O.B.

9-14-63.

1115

STATE SURVEY Begins in N.W. CORNER

Abandoning TAVENOR W. 1/4 mile R/hr, Begin

Lat Long WGS

FLAG A N. 29° 37' 49.5"

W. 95° 15' 06.6"

FLAG B N. 29° 37' 46.9"

W. 95° 15' 06.0"

FLAG C BENTON ROAD CORNER

W. 95°

N. 29°

FLAG B+C BACK ~ 50 ft to ditch

Possible contaminated Area.

FLAG D 400 micro R/hr

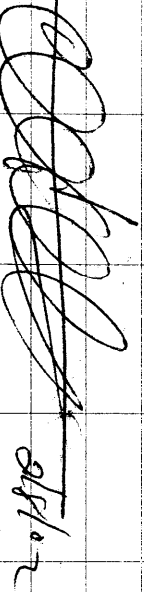
N. 29° 37' 45"

W. 95° 15' 05.5"

FLAG E 220 micro R/hr

N. 29° 37' 43.1"

W. 95° 15' 05.5"

2/8/02Location GNUZ AVENUEDate 2/8/02Project / Client TOD # 02-01-0008 / EPA

1215

FLAG F 70 micro R/hr

N. 29° 37' 49.8"

W. 95° 15' 05.3"

FLAG G 220 micro R/hr

N. 29° 37' 50.6"

W. 95° 15' 04.9"

FLAG H 220 37' 50.2" 14 micro R/hr

W. 95° 15' 03.8"

FLAG I 18 micro R/hr

N. 29° 37' 50.1"

W. 95° 15' 04.3"

FLAG J 18 micro R/hr

N. 29° 37' 49.8"

W. 95° 15' 04.4"

1400

FLAG K 90 micro R/hr START OF

N. 29° 37' 84.0"

W. 95° 15' 04.6"

FLAG L 160 micro R/hr

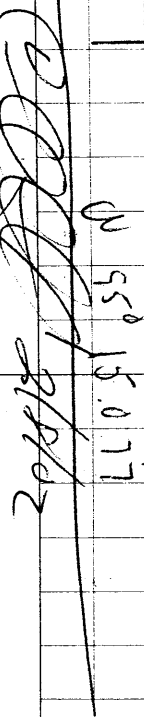
N. 29° 37' 83.1"

W. 95° 15' 05.0"

FLAG M 300 micro R/hr

N. 29° 37' 82.4"

W. 95° 15' 07.7"

2/8/02

Location GNUI TAVENON Date 2/18/02
 Project / Client TDD # 02-01-0008 / EPA

1512 FLAG N 120 micor/hr Between
 N^o-29° 37.825 OFFICE
 W^o-95° 15.075 AND BLDG
 I

FLAG O 1400 micor/hr
 N^o-29° 37.823
 W^o-95° 15.084

FLAG P 800 micor/hr
 N^o-29° 37.823
 W^o-95° 15.083

FLAG Q 140 micor/hr
 N^o-29° 37.824
 W^o-95° 15.084

FLAG R 1000 micor/hr
 N^o-29° 37.819
 W^o-95° 15.082

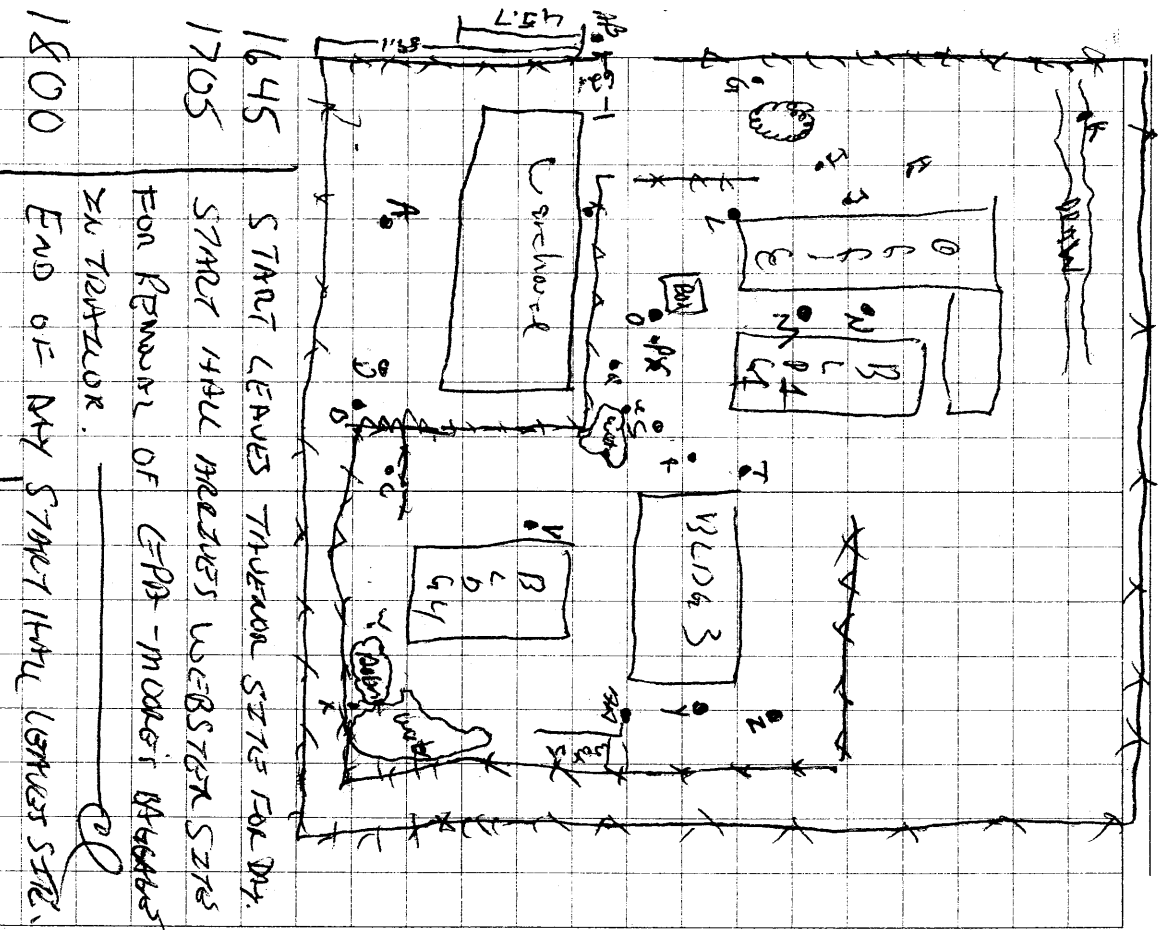
FLAG S 1000 micor/hr
 N^o-29° 37.819
 W^o-95° 15.081

SLAB 2N
 FLOOR TOP
 BLDG 3

WATERPUMP
 TO CRYSTAL
 AREA OR
 BLDG 1

[Handwritten signature]

Location GNUI TAVENON Date 2/18/02
 Project / Client TDD # 02-01-0008 / EPA



1645 START LEAVES TAVENON SITE FOR DY.

1705 START HALL MEETINGS WEBSTER SITE
 FOR REMOVAL OF EPA-MODEL BLDG
 IN TAVENON.

1800 END OF DAY START HALL LEAVES SITE.

[Handwritten signature]
 2/18/02
 END OF DAY
 NOTES

Location GNU TAVENONDate 2-9-02Project / Client IDD # 02-01-0008 / EPA

0630 START HAVE ANSWERS ON SITE WEATHER
 0635 START HAVE LOADS NOW SOFTWARE
 FOR MECHANICAL GPS UNIT. ————
 0710 USACE LEGALY INFORMS START HAVE
 THAT U.S. LEGALY REMOVED THIS
 BORDON SATELITE BAYS VESTERON FILM
 ABOVE THE AND SUSPECT NEUTRON FEED
 AND DID NOT FEEL ANY SOURCE INTERMITTENT
 UNDER IT. US GOVERNMENT PER MIT LEGALY
 STARTED THAT THERE COULD BE NEUTRON
 IN FILM BAYS AND THIS NEUTRON
 FIELD IN BAY 1, THATS WHY THEY
 OBTAINED RESULTS AT THE BORDON SATELITE
 0800 START HAVE AND EPA-MOORE LEGALY
 WEBSITER IN TAVENON. ————
 0840 START HAVE AND EPA-MOORE ANALYSIS
 ON SITE AND PREPARE INSTRUCTIONS
 FOR DAYS ACTIVITIES. ————
 0900 START HAVE AND EPA-MOORE RES-SHOOT
 PREVIOUS DAYS FILMS WITH A S.A.M.
 DISTORTION. ————

2/9/02
2/9/02

Location GNU TAVENONDate 2-9-02Project / Client IDD # 02-01-0008 / EPA

I.D. = IDABLE POT = Potential

FLAG A	- 001 - CS, 137	—	—
FLAG B	- 002 - CS, 137	—	—
FLAG C	- 003 - CS, 137	—	—
FLAG D	- 004 - CS, 137	—	—
FLAG E	- 005 - CS, 137	—	—
FLAG F	- 006 - CS, 137	—	—
FLAG G	- 007 - CS, 137, Co ₆₀	POT	—
FLAG H	- 008 - CS, 137	—	—
FLAG I	- 009 - CS, 137	—	—
FLAG J	- 010 - CS, 137	—	—
FLAG K	- 011 - CS, 137, K ₂₄₀	POT	195-198 Kev
FLAG L	- 012 - CS, 137, 335 Kev	—	—
FLAG M	- 013 - CS, 137	—	—
FLAG N	- 014 - CS, 137	—	—
FLAG O	- 015 - CS, 137	—	—
FLAG P	- 016 - CS, 137	—	—
FLAG Q	- 017 - CS, 137	—	—
FLAG R	- 018 - ? MASKED	CS, 137	—
FLAG S	- 019 - ? MASKED	CS, 137	—
AT SDO	OR RDO 3	200-212 Kev	—
AND	400-415 Kev	are noted.	—

2/9/02
2/9/02

Location GNUZ TAVENUE Date 2-9-02
 Project / Client TOD #02-01-0008 / EPA

0951	START AND EPA-MIDDLE SOURCES	
	Back Right Corner of The BDO. complex	
	FLAG T-008 N-29° 37' 49" N	
CS137	W-95° 15' 05" W	
	200 micro R/hr	
FLAG U-001	320 micro R/hr	
CS137	N-29° 63' 03" D	
	W-95° 25' 14" W	
FLAG V-022	260 micro R/hr	
CS137	N-29° 63' 02" D	
	W-95° 25' 14" W	
FLAG W-003	90 micro R/hr	
CS137	N-29° 63' 02" D	
	W-95° 25' 14" W	
FLAG X-024	300 micro R/hr	
CS137	N-29° 63' 01" D	
	W-95° 25' 15" W	
FLAG Y-025	250 micro R/hr	
CS137	N-29° 63' 01" D	
	W-95° 25' 16" W	
FLAG Z-026	300 micro R/hr	
CS137	N-29° 63' 02" D	
	W-95° 25' 13" W	

1110	FLAG AA-007	440 micro R/hr
CS137	N-29° 63' 02" D	
	W-95° 25' 13" W	
FLAG AB-008	100 micro R/hr	
	N-29° 63' 07" D (ditto Int)	
	W-95° 25' 14" W	
1130	START HALL AND EPA-MIDDLE	
	LEAVE TAVENUE START FOR THE	
	WEBSIDE	
1200	LUNCH BREAK	
1300	END OF LUNCH	
1305	EPA-MIDDLE STARTS THAT HE WILL	
	BE ENTERING THE BUILDING TO	
	SATOUT SOURCES WITH THE EPA'S	
	S.A.M. UNIT. MR. MIDDLE	
	STARTS THAT THINGS AS A	
	NECESSITY BECAUSE U.S. ECOLOGY	
	H.P.G. (HIGH Purity Germanium) UNIT IS	
	STILL DOWN AND NOT FUNCTIONING	
	Properly Since	

Location GNUZ TAVENUE Date 2-9-02
 Project / Client TOD #02-01-0008 / EPA

Location GNI TAVENOR Date 8/9/02
 Project / Client TDD# 02-01-0008 / EPA

1400 START HALL MONITORING SITE AND
 TIDES PICTURES.
 1435 EPA MONITOR SITES TIDE BOUNDARY
 WITH U.S. GEOLOGY TO
 IDENTIFY SOURCES. USACE LEAVING
 LEAVES SITE. Q
 1545 START HALL STARTS ASSEMBLY
 OF TAVENOR DATA. Q
 1700 START HALL LEAVES FOR BUS
 STOP. Q

[Large signature]
 2/8/02
 GND OF DATA
 NOIS.

Location GNI TAVENOR / WISCONSIN Date 2.11.02
 Project / Client TDD# 01-10-0010 / 02-01-0008 / EPA

0540 START HALL MONITORING COURSE.
 0700 START HALL AND EPA MONITOR TIDES
 IN U.S. GEOLOGY'S SAFETY REPORT.
 TIDE WITH STEPS AND BATES
 SITES WITH WORK TIDES.
 0730 START HALL AND EPA MONITOR
 CONDUCT DISTANCE SURVEY
 RESULTS ON PAGE 47 THIS LOG BOOK
 START HALL MONITORS ZPTO
 OFFICE TRAILOR ON WISCONSIN
 SITES WITH ADMINISTRATION
 AND EZERO TIDES MONITORS. Q
 0800 START HALL MONITORS ZPTO
 OFFICE TRAILOR ON WISCONSIN
 SITES WITH ADMINISTRATION
 AND EZERO TIDES MONITORS. Q

1200 - 300
 1335
 1400

MONITORS TO TAVENOR TO START MONITORS
 FLAG T. - 026 - CS137 Q
 FLAG U. - 021 - CS127 Q
 FLAG V. - 022 - CS137 Q
 FLAG W. - 023 - CS137 Q
 FLAG X - 024 - CS137 Q
 FLAG Y - 025 - CS137 Q
 FLAG Z - 026 - CS137 Q
 FLAG AA - 027 - CS137 Q
 FLAG AB - 028 - CS137 Q

[Signature]
 2/11/02

Location GNUZ TAVENH/WESTER Date 2-11-02
 Project / Client TDD # 01-10-0010 / EPA

1500 START AT THE EPA - MOORE ARMS AT
 BACKEND OF PROPERTY BY SCHEM TO TRAIL
 INZING READING'S Q
 PT 29 6.5-7.5 inches hour N°
 PT 30 8 inches hour N°
 PT 31 8 inches hour N° 29° 45' 21" W-55° 25' 06" E
 1530 START AT THE NOTES SEVERAL APPROXIMATE
 55-GAL DRUMS IN THE APPROXIMATE
 AREA OF PT 31 THE BACKFILL
 REST. Q
 1610 START AND EPA LABS TAVENH
 1715 START AND EPA LABS FORDY Q

2/11/02

Location GNUZ WEBSTER Date 2-11-02
 Project / Client TDD # 01-10-0010 / EPA

0730 REMOVED GUNNY FOR SITE WORK.

SAMPLE #	REMOVAL AT 2 INCHES	INCHES
01	170	MINOR
02	490	
03	420	
04	280	
05	180	
06	85	
07	55	
08	60	
09	45	
10	35	
11	50	
12	100	
13	125	
14	70	
15	50	
16	60	
17	75	
18	75	
19	45	
20	38	
21	40	

Location

GNI WEBSTER

Date

2-11-02

Project / Client

TDD #01-10-0010 / EPA

0736

SAMPLE #

REMOVED AT 2 METER

2-11-02

022

85

MICROPHONE

023

50

024

40

025

03240

026

32

027

60

2/11/02
END OF DAYS
NOTES.

Location

GNI WEBSTER

Date

2-12-02 49

Project / Client

TDD #01-10-0010 / EPA

0960

START HILL HERE JES AT WEBSTER

SITE.

0340

START HILL CHURCHES INSTRUMENT C

1015

START HILL ATTENDS A MEETING

, BEING INTERRUPTED BY USAC'S McLoe.

MEETING WAS ABOUT 15 MINUTES

LONG AND THE TOPIC DISCUSSED

WAS WHETHER NOT START

THROUGH U.S. GEOLOGY WAS

FOLLOWING LOCAL REGULATION

LINES EFFECTUALLY, START HILL

STARTED THAT HE WAS NOT TRICKED

TO MONITOR U.S. GEOLOGY'S SCARS

OF WORK SO HE DID NOT OFFER

AN OPINION. START HILL DID

STATE THAT IF HE WAS ASKED

IF ANY HAS VIOLETIONS THAT

HE WOULD BE WILLING TO

USAC ATTENTION.

1050

START HILL AND FROM DIAL

COMPLETED PERSONNEL SURVEY

USAC AND CONDUCTING MICROPHONE

Serial # 91549.

2/12/02

Location GNUI WEBSTER Date 2/12/02
 Project / Client TDD # 01-10-0010 / EPA

~~1400~~ START HALL EPA-MOORE & DIA
 1114 LEAVE FOR LUNCH & BREAK. ———
 1215 END OF LUNCH. ———
 1305 START HALL TAKES SZA (6) SITE
 SMOANS TO MONITOR FOR OPERATING
 MEASUREMENTS OF RADIATION. ———
 SMOANS 1 - FLOOR OF BREAK THERMIST
 1455 START INFORMS OSC-FIFE OF THE
 SURFACE READINGS OBTAINED BY
 START AND EPA-MOORE. START-HALL
 INQUIRES AS TO HOW EPA-OSC FIFE
 WOULD LIKE TO PROCEED WITH THE
 SAMPLING EVENT. START HALL SUGGESTS
 TO OSC FIFE THAT A BRID SYSTEM
 COULD BE LAYED OUT AND SAMPLE
 THE ENTIRE AREA FOR CESIUM 137
 OR START COULD SAMPLE THE SPECIAL
 POINTS MARKED AND DOCUMENTED BY
 THE GPS UNIT. ———
 1500 OSC-FIFE INFORMS START HALL
 THAT HE IS ONLY INTERESTED IN
 DETERMINING THE EXTENT OF ———

[Signature] 2/12/02

Location GNUI WEBSTER Date 2/12/02
 Project / Client TDD # 01-10-0010 / EPA

1520 CONT'D - THE CONTAMINATION AT
 THE SPECIFICALLY MARKED POINTS
 AT THIS TIME. OSC-FIFE ADDITION-
 ALLY - STATED THAT ONCE THE RESULT
 OF THE SOIL SAMPLES WERE OBTAINED
 HE WOULD MAKE A FURTHER ———
 DETERMINATION ON FUTURE SAMPLING.
 1600 START HALL PROVIDES EPA-MOORE
 WITH A COMPLETE COPY OF ALL
 PICTURES START HAS ACCUMULATED
 TO DATE ON THE GNUI PROJECT
 WEBSTER. ———
 1635 START-RESTINO ARRIVES ON SITE
 TO PICK UP GNUI TAKEN ON DATA
 FROM SITE WORK, FROM START HALL.
 1715 START - HALL LEAVES FOR THIS DAY.

[Signature] 2/12/02
 END OF
 DAYS NOTES.

Location GNUI WESTERN Date 2/13/02
 Project / Client TDD # 01-10-0010/EPA

0700

START HALL ASSESSES ON SITE.
 AND PARTICIPATES IN U.S. ECOLOGY'S
 A.M. MEETING. SAFETY TOPIC
 INCLUDED NAILS AND LOOSE
 LUMBER INSIDE THE FACILITY.

0745

START HALL, CONTACT M. LAY, EPA. MONITOR
 SET UP OSC-ELECT TRAVEL TRAZER
 THAT ARRIVED ON SITE BY 11:45
 SERVICE AFTER 4 HOURS. ———
 START HALL A PERIMETER SURVEY USING

0900

A LUDUM MODEL 19 SEIZURE #11549,

SAMPLE # READING @ 1 METER

2/13/02 01 130 mid A/Hour

02 350

03 400

04 270

05 170

06 70

07 60

08 300

09 80

10 40

11 40

12 90

2/13/02

Location GNUI WESTERN Date 2/13/02
 Project / Client TDD # 01-10-0010/EPA

0915

SAMPLE # 13 14 65
 2/13/02 15 45
 16 60
 17 75
 18 85
 19 50
 20 40
 21 40
 22 85
 23 80
 24 65
 25 40
 26 35
 27 55

1000

START HALL ASKS OSC FIVE
 IF HE CAN INQUIRE WITH U.S.
 ECOLOGY KERS AS TO IF THEY
 WERE AWARE OF THE INCREASED
 READINGS AT SAMPLE SITES
 #2, 4, 8 ON THE PERIMETER SURVEY.
 OSC PAID STATED IT WAS OK TO
 DO THAT

2/13/02

Location GNI WEBSTER Date 2/13/02
 Project / Client TD0 # 01-10-0010 / EPA

1030 STREET HALL INTERCOMS U.S. GEOLOGY
 REP CORBETT, SHE STARTED TALKING
 KNEL BECAUSE THEY WERE MOVING,
 SOURCES JUST GOT THE BUILDING
 1100 STREET HALL PHONES WESTON OFFICE
 HOUSTON WITH CELL PHONE TO ———
 COORDINATE QASD PREPARATION. ———
 1125 LUNCH BREAK ———
 1230 END OF LUNCH BREAK ———
 1315 STREET HALL AND EPA-MODEL CHECK
 SMEAR SAMPLES FROM 8-18-02 WITH
 THE LUDLUM 3030 MODEL SERIAL #
 176708.

SAMPLE 1 - DECONTAMINATE 1, 2, 3, 4, 5, 6
 SAMPLE 2 - STEPOFF PAD #13, 41, 43, 45, 47, 49, 51, 53, 55, 57, 59, 61, 63, 65, 67, 69, 71, 73, 75, 77, 79, 81, 83, 85, 87, 89, 91, 93, 95, 97, 99, 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149, 151, 153, 155, 157, 159, 161, 163, 165, 167, 169, 171, 173, 175, 177, 179, 181, 183, 185, 187, 189, 191, 193, 195, 197, 199, 201, 203, 205, 207, 209, 211, 213, 215, 217, 219, 221, 223, 225, 227, 229, 231, 233, 235, 237, 239, 241, 243, 245, 247, 249, 251, 253, 255, 257, 259, 261, 263, 265, 267, 269, 271, 273, 275, 277, 279, 281, 283, 285, 287, 289, 291, 293, 295, 297, 299, 301, 303, 305, 307, 309, 311, 313, 315, 317, 319, 321, 323, 325, 327, 329, 331, 333, 335, 337, 339, 341, 343, 345, 347, 349, 351, 353, 355, 357, 359, 361, 363, 365, 367, 369, 371, 373, 375, 377, 379, 381, 383, 385, 387, 389, 391, 393, 395, 397, 399, 401, 403, 405, 407, 409, 411, 413, 415, 417, 419, 421, 423, 425, 427, 429, 431, 433, 435, 437, 439, 441, 443, 445, 447, 449, 451, 453, 455, 457, 459, 461, 463, 465, 467, 469, 471, 473, 475, 477, 479, 481, 483, 485, 487, 489, 491, 493, 495, 497, 499, 501, 503, 505, 507, 509, 511, 513, 515, 517, 519, 521, 523, 525, 527, 529, 531, 533, 535, 537, 539, 541, 543, 545, 547, 549, 551, 553, 555, 557, 559, 561, 563, 565, 567, 569, 571, 573, 575, 577, 579, 581, 583, 585, 587, 589, 591, 593, 595, 597, 599, 601, 603, 605, 607, 609, 611, 613, 615, 617, 619, 621, 623, 625, 627, 629, 631, 633, 635, 637, 639, 641, 643, 645, 647, 649, 651, 653, 655, 657, 659, 661, 663, 665, 667, 669, 671, 673, 675, 677, 679, 681, 683, 685, 687, 689, 691, 693, 695, 697, 699, 701, 703, 705, 707, 709, 711, 713, 715, 717, 719, 721, 723, 725, 727, 729, 731, 733, 735, 737, 739, 741, 743, 745, 747, 749, 751, 753, 755, 757, 759, 761, 763, 765, 767, 769, 771, 773, 775, 777, 779, 781, 783, 785, 787, 789, 791, 793, 795, 797, 799, 801, 803, 805, 807, 809, 811, 813, 815, 817, 819, 821, 823, 825, 827, 829, 831, 833, 835, 837, 839, 841, 843, 845, 847, 849, 851, 853, 855, 857, 859, 861, 863, 865, 867, 869, 871, 873, 875, 877, 879, 881, 883, 885, 887, 889, 891, 893, 895, 897, 899, 901, 903, 905, 907, 909, 911, 913, 915, 917, 919, 921, 923, 925, 927, 929, 931, 933, 935, 937, 939, 941, 943, 945, 947, 949, 951, 953, 955, 957, 959, 961, 963, 965, 967, 969, 971, 973, 975, 977, 979, 981, 983, 985, 987, 989, 991, 993, 995, 997, 999, 1001, 1003, 1005, 1007, 1009, 1011, 1013, 1015, 1017, 1019, 1021, 1023, 1025, 1027, 1029, 1031, 1033, 1035, 1037, 1039, 1041, 1043, 1045, 1047, 1049, 1051, 1053, 1055, 1057, 1059, 1061, 1063, 1065, 1067, 1069, 1071, 1073, 1075, 1077, 1079, 1081, 1083, 1085, 1087, 1089, 1091, 1093, 1095, 1097, 1099, 1101, 1103, 1105, 1107, 1109, 1111, 1113, 1115, 1117, 1119, 1121, 1123, 1125, 1127, 1129, 1131, 1133, 1135, 1137, 1139, 1141, 1143, 1145, 1147, 1149, 1151, 1153, 1155, 1157, 1159, 1161, 1163, 1165, 1167, 1169, 1171, 1173, 1175, 1177, 1179, 1181, 1183, 1185, 1187, 1189, 1191, 1193, 1195, 1197, 1199, 1201, 1203, 1205, 1207, 1209, 1211, 1213, 1215, 1217, 1219, 1221, 1223, 1225, 1227, 1229, 1231, 1233, 1235, 1237, 1239, 1241, 1243, 1245, 1247, 1249, 1251, 1253, 1255, 1257, 1259, 1261, 1263, 1265, 1267, 1269, 1271, 1273, 1275, 1277, 1279, 1281, 1283, 1285, 1287, 1289, 1291, 1293, 1295, 1297, 1299, 1301, 1303, 1305, 1307, 1309, 1311, 1313, 1315, 1317, 1319, 1321, 1323, 1325, 1327, 1329, 1331, 1333, 1335, 1337, 1339, 1341, 1343, 1345, 1347, 1349, 1351, 1353, 1355, 1357, 1359, 1361, 1363, 1365, 1367, 1369, 1371, 1373, 1375, 1377, 1379, 1381, 1383, 1385, 1387, 1389, 1391, 1393, 1395, 1397, 1399, 1401, 1403, 1405, 1407, 1409, 1411, 1413, 1415, 1417, 1419, 1421, 1423, 1425, 1427, 1429, 1431, 1433, 1435, 1437, 1439, 1441, 1443, 1445, 1447, 1449, 1451, 1453, 1455, 1457, 1459, 1461, 1463, 1465, 1467, 1469, 1471, 1473, 1475, 1477, 1479, 1481, 1483, 1485, 1487, 1489, 1491, 1493, 1495, 1497, 1499, 1501, 1503, 1505, 1507, 1509, 1511, 1513, 1515, 1517, 1519, 1521, 1523, 1525, 1527, 1529, 1531, 1533, 1535, 1537, 1539, 1541, 1543, 1545, 1547, 1549, 1551, 1553, 1555, 1557, 1559, 1561, 1563, 1565, 1567, 1569, 1571, 1573, 1575, 1577, 1579, 1581, 1583, 1585, 1587, 1589, 1591, 1593, 1595, 1597, 1599, 1601, 1603, 1605, 1607, 1609, 1611, 1613, 1615, 1617, 1619, 1621, 1623, 1625, 1627, 1629, 1631, 1633, 1635, 1637, 1639, 1641, 1643, 1645, 1647, 1649, 1651, 1653, 1655, 1657, 1659, 1661, 1663, 1665, 1667, 1669, 1671, 1673, 1675, 1677, 1679, 1681, 1683, 1685, 1687, 1689, 1691, 1693, 1695, 1697, 1699, 1701, 1703, 1705, 1707, 1709, 1711, 1713, 1715, 1717, 1719, 1721, 1723, 1725, 1727, 1729, 1731, 1733, 1735, 1737, 1739, 1741, 1743, 1745, 1747, 1749, 1751, 1753, 1755, 1757, 1759, 1761, 1763, 1765, 1767, 1769, 1771, 1773, 1775, 1777, 1779, 1781, 1783, 1785, 1787, 1789, 1791, 1793, 1795, 1797, 1799, 1801, 1803, 1805, 1807, 1809, 1811, 1813, 1815, 1817, 1819, 1821, 1823, 1825, 1827, 1829, 1831, 1833, 1835, 1837, 1839, 1841, 1843, 1845, 1847, 1849, 1851, 1853, 1855, 1857, 1859, 1861, 1863, 1865, 1867, 1869, 1871, 1873, 1875, 1877, 1879, 1881, 1883, 1885, 1887, 1889, 1891, 1893, 1895, 1897, 1899, 1901, 1903, 1905, 1907, 1909, 1911, 1913, 1915, 1917, 1919, 1921, 1923, 1925, 1927, 1929, 1931, 1933, 1935, 1937, 1939, 1941, 1943, 1945, 1947, 1949, 1951, 1953, 1955, 1957, 1959, 1961, 1963, 1965, 1967, 1969, 1971, 1973, 1975, 1977, 1979, 1981, 1983, 1985, 1987, 1989, 1991, 1993, 1995, 1997, 1999, 2001, 2003, 2005, 2007, 2009, 2011, 2013, 2015, 2017, 2019, 2021, 2023, 2025, 2027, 2029, 2031, 2033, 2035, 2037, 2039, 2041, 2043, 2045, 2047, 2049, 2051, 2053, 2055, 2057, 2059, 2061, 2063, 2065, 2067, 2069, 2071, 2073, 2075, 2077, 2079, 2081, 2083, 2085, 2087, 2089, 2091, 2093, 2095, 2097, 2099, 2101, 2103, 2105, 2107, 2109, 2111, 2113, 2115, 2117, 2119, 2121, 2123, 2125, 2127, 2129, 2131, 2133, 2135, 2137, 2139, 2141, 2143, 2145, 2147, 2149, 2151, 2153, 2155, 2157, 2159, 2161, 2163, 2165, 2167, 2169, 2171, 2173, 2175, 2177, 2179, 2181, 2183, 2185, 2187, 2189, 2191, 2193, 2195, 2197, 2199, 2201, 2203, 2205, 2207, 2209, 2211, 2213, 2215, 2217, 2219, 2221, 2223, 2225, 2227, 2229, 2231, 2233, 2235, 2237, 2239, 2241, 2243, 2245, 2247, 2249, 2251, 2253, 2255, 2257, 2259, 2261, 2263, 2265, 2267, 2269, 2271, 2273, 2275, 2277, 2279, 2281, 2283, 2285, 2287, 2289, 2291, 2293, 2295, 2297, 2299, 2301, 2303, 2305, 2307, 2309, 2311, 2313, 2315, 2317, 2319, 2321, 2323, 2325, 2327, 2329, 2331, 2333, 2335, 2337, 2339, 2341, 2343, 2345, 2347, 2349, 2351, 2353, 2355, 2357, 2359, 2361, 2363, 2365, 2367, 2369, 2371, 2373, 2375, 2377, 2379, 2381, 2383, 2385, 2387, 2389, 2391, 2393, 2395, 2397, 2399, 2401, 2403, 2405, 2407, 2409, 2411, 2413, 2415, 2417, 2419, 2421, 2423, 2425, 2427, 2429, 2431, 2433, 2435, 2437, 2439, 2441, 2443, 2445, 2447, 2449, 2451, 2453, 2455, 2457, 2459, 2461, 2463, 2465, 2467, 2469, 2471, 2473, 2475, 2477, 2479, 2481, 2483, 2485, 2487, 2489, 2491, 2493, 2495, 2497, 2499, 2501, 2503, 2505, 2507, 2509, 2511, 2513, 2515, 2517, 2519, 2521, 2523, 2525, 2527, 2529, 2531, 2533, 2535, 2537, 2539, 2541, 2543, 2545, 2547, 2549, 2551, 2553, 2555, 2557, 2559, 2561, 2563, 2565, 2567, 2569, 2571, 2573, 2575, 2577, 2579, 2581, 2583, 2585, 2587, 2589, 2591, 2593, 2595, 2597, 2599, 2601, 2603, 2605, 2607, 2609, 2611, 2613, 2615, 2617, 2619, 2621, 2623, 2625, 2627, 2629, 2631, 2633, 2635, 2637, 2639, 2641, 2643, 2645, 2647, 2649, 2651, 2653, 2655, 2657, 2659, 2661, 2663, 2665, 2667, 2669, 2671, 2673, 2675, 2677, 2679, 2681, 2683, 2685, 2687, 2689, 2691, 2693, 2695, 2697, 2699, 2701, 2703, 2705, 2707, 2709, 2711, 2713, 2715, 2717, 2719, 2721, 2723, 2725, 2727, 2729, 2731, 2733, 2735, 2737, 2739, 2741, 2743, 2745, 2747, 2749, 2751, 2753, 2755, 2757, 2759, 2761, 2763, 2765, 2767, 2769, 2771, 2773, 2775, 2777, 2779, 2781, 2783, 2785, 2787, 2789, 2791, 2793, 2795, 2797, 2799, 2801, 2803, 2805, 2807, 2809, 2811, 2813, 2815, 2817, 2819, 2821, 2823, 2825, 2827, 2829, 2831, 2833, 2835, 2837, 2839, 2841, 2843, 2845, 2847, 2849, 2851, 2853, 2855, 2857, 2859, 2861, 2863, 2865, 2867, 2869, 2871, 2873, 2875, 2877, 2879, 2881, 2883, 2885, 2887, 2889, 2891, 2893, 2895, 2897, 2899, 2901, 2903, 2905, 2907, 2909, 2911, 2913, 2915, 2917, 2919, 2921, 2923, 2925, 2927, 2929, 2931, 2933, 2935, 2937, 2939, 2941, 2943, 2945, 2947, 2949, 2951, 2953, 2955, 2957, 2959, 2961, 2963, 2965, 2967, 2969, 2971, 2973, 2975, 2977, 2979, 2981, 2983, 2985, 2987, 2989, 2991, 2993, 2995, 2997, 2999, 3001, 3003, 3005, 3007, 3009, 3011, 3013, 3015, 3017, 3019, 3021, 3023, 3025, 3027, 3029, 3031, 3033, 3035, 3037, 3039, 3041, 3043, 3045, 3047, 3049, 3051, 3053, 3055, 3057, 3059, 3061, 3063, 3065, 3067, 3069, 3071, 3073, 3075, 3077, 3079, 3081, 3083, 3085, 3087, 3089, 3091, 3093, 3095, 3097, 3099, 3101, 3103, 3105, 3107, 3109, 3111, 3113, 3115, 3117, 3119, 3121, 3123, 3125, 3127, 3129, 3131, 3133, 3135, 3137, 3139, 3141, 3143, 3145, 3147, 3149, 3151, 3153, 3155, 3157, 3159, 3161, 3163, 3165, 3167, 3169, 3171, 3173, 3175, 3177, 3179, 3181, 3183, 3185, 3187, 3189, 3191, 3193, 3195, 3197, 3199, 3201, 3203, 3205, 3207, 3209, 3211, 3213, 3215, 3217, 3219, 3221, 3223, 3225, 3227, 3229, 3231, 3233, 3235, 3237, 3239, 3241, 3243, 3245, 3247, 3249, 3251, 3253, 3255, 3257, 3259, 3261, 3263, 3265, 3267, 3269, 3271, 3273, 3275, 3277, 3279, 3281, 3283, 3285, 3287, 3289, 3291, 3293, 3295, 3297, 3299, 3301, 3303, 3305, 3307, 3309, 3311, 3313, 3315, 3317, 3319, 3321, 3323, 3325, 3327, 3329, 3331, 3333, 3335, 3337, 3339, 3341, 3343, 3345, 3347, 3349, 3351, 3353, 3355, 3357, 3359, 3361, 3363, 3365, 3367, 3369, 3371, 3373, 3375, 3377, 3379, 3381, 3383, 3385, 3387, 3389, 3391, 3393, 3395, 3397, 3399, 3401, 3403, 3405, 3407, 3409, 3411, 3413, 3415, 3417, 3419, 3421, 3423, 3425, 3427, 3429, 3431, 3433, 3435, 3437, 3439, 3441, 3443, 3445, 3447, 3449, 3451, 3453, 3455, 3457, 3459, 3461, 3463, 3465, 3467, 3469, 3471, 3473, 3475, 3477, 3479, 3481, 3483, 3485, 3487, 3489, 3491, 3493, 3495, 3497, 3499, 3501, 3503, 3505, 3507, 3509, 3511, 3513, 3515, 3517, 3519, 3521, 3523, 3525, 3527, 3529, 3531, 3533, 3535, 3537, 3539, 3541, 3543, 3545, 3547, 3549, 3551, 3553, 3555, 3557, 3559, 3561, 3563, 3565, 3567, 3569, 3571, 3573, 3575, 3577, 3579, 3581, 3583, 3585, 3587, 3589, 3591, 3593, 3595, 3597, 3599, 3601, 3603, 3605, 3607, 3609, 3611, 3613, 3615, 3617, 3619, 3621, 3623, 3625, 3627, 3629, 3631, 3633, 3635, 3637, 3639, 3641, 3643, 3645, 3647, 3649, 3651, 3653, 3655, 3657, 3659, 3661, 3663, 3665, 3667, 3669, 3671, 3673, 3675, 3677, 3679, 3681, 3683, 3685, 3687, 3689, 3691, 3693, 3695, 3697, 3699, 3701, 3703, 3705, 3707, 3709, 3711, 3713, 3715, 3717, 3719, 3721, 3723, 3725, 3727, 3729, 3731, 3733, 3735, 3737, 3739, 3741, 3743, 3745, 3747, 3749, 3751, 3753, 3755, 3757, 3759, 3761, 3763, 3765, 3767, 3769, 3771, 3773, 3775, 3777, 3779, 3781, 3783, 3785, 3787, 3789, 3791, 3793, 3795, 3797, 3799, 3801, 3803, 3805, 3807, 3809, 3811, 3813, 3815, 3817, 3819, 3821, 3823, 3825, 3827, 3829, 3831, 3833, 3835, 3837, 3839, 3841, 3843, 3845, 3847, 3849, 3851, 3853, 3855, 3857, 3859, 3861, 3863, 3865, 3867, 3869, 3871, 3873, 3875, 3877, 3879, 3881, 3883, 3885, 3887, 3889, 3891, 3893, 3895, 3897, 3899, 3901, 3903, 3905, 3907, 3909, 3911, 3913, 3915, 3917, 3919, 3921, 3923, 3925, 3927, 3929, 3931, 3933, 3935, 3937, 3939, 3941, 3943, 3945, 3947, 3949, 3951, 3953, 3955, 3957, 3959, 3961, 3963, 3965, 3967, 3969, 3971, 3973, 3975, 3977, 3979, 3981, 3983, 3985, 3987, 3989, 3991, 3993, 3995, 3997, 3999, 4001, 4003, 4005, 4007, 4009, 4011, 4013, 4015, 4017, 4019, 4021, 4023, 4025, 4027, 4029, 4031, 4033, 4035, 4037, 4039, 4041, 4043, 4045, 4047, 4049, 4051, 4053, 4055, 4057, 4059, 4061, 4063, 4065, 4067, 4069, 4071, 4073, 4075, 4077, 4079, 4081, 4083, 4085, 4087, 4089, 4091, 4093, 4095, 4097, 4099, 4101, 4103, 4105, 4107, 4109, 4111, 4113, 4115, 4117, 4119, 4121, 4123, 4125, 4127, 4129, 4131, 4133, 4135, 4137, 4139, 4141, 4143, 4145, 4147, 4149, 4151, 4153, 4155, 4157, 4159, 4161, 4163, 4165, 4167, 4169, 4171, 4173, 4175, 4177, 4179, 4181, 4183, 4185, 4187, 4189, 4191, 4193, 41

Location GNJ WEBSTER Date 2/14/02
 Project / Client TDD # 01-10-0010 / EPA

0700 START HALL ARRIVES ON SITE.
 AND PARTICIPATES IN U.S. ECOLOGY
 SAFETY BRIEF. TOPZC WAS HEAT
 STRESS AND SARANEX USE. ————

0800 START HALL STATES TO OSC FEELS THAT
 THERE SHOULD BE SOME CONSIDERATION
 GIVEN TO ESTABLISH A HEPA/VENTILATION
 SYSTEM IN BLDG 1, 2, 3 SINCE THERE ARE
 CLOSED OFF AREAS WITH HIGH ————
 CONTAMINATION. ————

0830 START HALL AND ECHA-DIAZ CONDUCT
 A SITE SURVEY USING A LUDLUM MODEL
 19, SERIAL # 91549,

SAMPLE # READINGS @ 1 METER

2-14-02 01 145 Micro R/Hour

02 360

03 400

04 865

05 170

06 70

07 85

08 100

09 50

2/14/02

Location GNJ WEBSTER Date 2/14/02

Project / Client TDD # 01-10-0010 / EPA

0830 SAMPLE # READINGS @ 1 METER

2-14-02 10 40 Micro R/Hour

11 50

12 100

13 200

14 70

15 45

16 60

17 70

18 80

19 45

20 40

21 40

22 80

23 80

24 65

25 40

26 30

27 55

0900 START HALL AND ECHA DIAZ
 COMPLETE SURVEY. ————

2/14/02

Location GNI WEBSTER Date 2/14/02
 Project / Client TDD # 01-10-0010 / EPA

1100 LUNCH BREAK ———— CD
 1230 End of Lunch Break ———— CD
 1300 START HALL ASKED BY USACE
 MCLoy IF HE USES ONE OF EPA'S
 SCANNERS. ———— CD
 1315 OSC-FIFE STATES TO START-HALL
 THAT IT IS OK TO GET USACE
 TO USE A SCANNER ———— CD
 1420 START HALL AFTER RE-VERIFYING
 THAT THE SCANNER WAS RADIOUSUALLY
 CLEAN, GAVE SCANNER SERIAL #CN187.
 TOSS TO USACE MCLoy TO USE FOR
 THE DURATION OF THE PROJECT. ———— CD
 1510 START HALL ASKS OSC-FIFE IF
 IT WAS OK FOR START-HALL TO
 LEAVE THE WEBSTER SITE WHEN
 THE SAMPLING EVENT OCCURS AT
 TAVENOR. OSC-FIFE STATED THAT
 WOULD BE ACCEPTABLE. ———— CD
 1601 START HALL TAKES ACTION SHOTS
 OF THE COMPOUND. ———— CD
 1700 START HALL. COASTS FOR DR. ————

CD 2/14/02 END OF DAY
 NOTES

Location GNI WEBSTER Date 2/14/02
 Project / Client TDD # 01-10-0010 / EPA

0630 START-HALL ARRIVES ON SITE.
 0700 START HALL PARTICIPATES IN
 US ECOLOGY'S SAFETY BRIEF. GOOD
 SITE SAFETY WAS THE TOPIC.
 0750 USACE MCLoy, MAKES AN ENTRY
 WITH IT REPS AND US ECOLOGY
 ESCORT MOTY. ———— CD
 0845 START-HALL PREPARES TO CONDUCT
 A PERIMETER SURVEY USING A
 LUDUM MODEL 19, SERIAL # 91549.
 0902 START HALL AND EPA-ORIG COMPLETE
 SURVEY. ———— CD

SAMPLE # READINGS @ 1 METER
 PARALISOR 01 150 MICROR/Hour

02 360
 03 260/100
 04 260
 05 170
 06 70
 07 50
 08 80
 09 55

CD 2/14/02

1435 EPA - DEMONSTRATION FROM THE
 SITE. CEC
 1527 START HALL COMPLETES MOVING PHOTOS
 LOGS. CEC
 1600 START HALL ENVIRONMENTAL SUPPLIES ON
 SITE FOR START AND LEAVES FOR THE
 DAY. CEC

CEC
 2/15/02
 END OF DAY'S
 NOTES

0630 START HALL ARRIVES ON SITE.
 0700 START HALL PARTICIPATES IN
 U.S. ECOLOGY'S SAFETY BRIEF. TOWER
 WAS LADDER SAFETY. CEC
 0745 START HALL AND EPA-MOORE
 TRAVEL TO WESTON'S HOUSTON
 OFFICE TO DEVELOP CAD. CEC
 DRAWINGS FOR RE-DESIGN. CEC
 0910 START HALL, EPA-MOORE ARRIVES
 BACK AT WEBSTER SITE. CEC
 0935 START HALL AND EPA-MOORE CONDUCT
 A PERIMETER SURVEY. CEC
 0955 SURVEY COMPLETES. CEC
 1000

Sample #	Reading AT 1 meter
2-16-02 01	140 microm R/Hour
02	400
03	420
04	250
05	170
06	75
07	55
08	100

CEC

Location GNUI WEBSTER Date 2-16-02
 Project / Client TDD # 10-01-0010 / EPA

1005	SAMPLE #	READ #	1 meter
	2-16-02 09	55	Micro R / Hour
	10	38	
	11	40	
	12	100	
	13	130	
	14	75	
	15	45	
	16	65	
	17	80	
	18	75	
	19	50	
	20	40	
	21	40	
	22	85	
	23	60	
	24	55	
	25	40	
	26	36	
	27	60	
1030	START HAVE FILES EPA VEHICLES		
	UP WITH FUEL		

2/16/02

Location GNUI WEBSTER Date 2-16-02 65
 Project / Client TDD # 10-01-0010 / EPA

1120	LUNCH BREAK	
1230	END OF LUNCH	
1301	START HAVE INSPECTS THE INSIDES OF THE DECON/STEADY-TRAILER.	
1415	START HAVE IS ASKED BY I.T. LAUGSTED IF HE HAS A RAD DOSE BOOK.	
1416	START HAVE SUGGESTS TO ME LAUGSTED THAT HE MIGHT OBTAIN ONE FROM EPA-MODES TO USE.	
1503	START HAVE NOTES THAT U.S. ECOLOGY WAS CONDUCTING FAT TESTING FOR ALL NON-CERTIFIED ENTRY PERSONNEL.	
1635	START HAVE CERTAINTY FOR THE DAY.	

2/16/02
 END OF DAY'S NOTES.

Location GNJ WEBS/ELC Date 2-18-02
Project/ Client JPD # 01-10-0010/EP4

Location GNI WEBSTER Date 2-18
Project / Client TDD # 01-10-0010 / EFA

0630	START HALL ARRIVES ON SITE.
0700	START ALL PARTICIPATES IN U.S.

ECOLOGYS SAFETY BRIEF; TOPIC
WAS RESPIRATION CATHETERS SOP.
AND HOW TO ENTER RAD. AREA
WETH MASKS. 1-
U.S. ECOLOGY IDENTIFIED THAT

THE INSIDE PERIMETER FOR
RADIATION WORK WILL BE EXTEND
DUE TO THE PERIMETER ACTION
LEVEL OF 4mk BEING DETECTED.
START HAVE OBTAINS 4 SECURE #5

FROM THE PROTECTOR RADIOS START
1 ALL IS LETTEN 6 U.S. ECOVERY —
USE. #1 6900W BWTMT1 —
#2 6900W BWTMT18 —
#3 6900W BY36QV —
#4 6900W BY36JX —
START 1 ALL CONDUCTS A PERIMETER

SURVEY USING LUDLUM MODEL # 19 SERIAL # 91549, START 1144 NOTES 1147 INSIDE PERIMETER WALL READINGS AT 1 PM AND START 1144.5 EYE LEVEL. — 0

[Handwritten signature]

SAMPLE #	READINGS @ 1M / @ EYE LEAD
0905	

SAMPLE #	READINGS @ 1M/e EYE LEAD
2-18-02	01 150/240
	02 300/340
	03 320/390
	04 270/270
	05 160/160
	06 75/75
	07 50/70
	08 95/105
	09 50/70
	10 36/50
	11 55/80
	12 95/180
	13 160/270
	14 65/90
	15 50/60
	16 60/70
	17 80/80
	18 95
	19 40
	20 34
	21 40

2/8/02

2/8/02

Location GNUI WEBSTER Date 2/18/02
 Project / Client TDD # 01-10-0010 / EPA

0905	Sample #	READINGS AT 1 meter
2-18-02	22	75 Mics R/Hour
	23	50
	24	60
	25	36
	26	32
	27	60
1000	START HALL INVENTORIES EXPENDITURE	
	SUPPLIES.	
1020	START HALL GATES START RESTIOD	
	NO ANSWER.	
1030	U.S. ECOLOGY'S PHOTO STARTS HERE	
	IS THINKING ABOUT MOVING	
1200	THE RIVA, LNU'S BACK FORTHER.	
	LUNCH BREAK	
1300	END OF LUNCH	
1422	START AFTER HRS OSC-1-2-3-5 TO	
	HANGING TRUCK TDD.	
1600	START AFTER SCANS OFFICE TAKEBACK UNIT	
	MOUSE 19.	
1720	END OF DAY	

[Signature] 2/18/02
 END OF DAYS
 NOTES

Location GNUI WEBSTER Date 2/19/02
 Project / Client TDD # 01-10-0010 / EPA

0700	START HALL ARRIVES ON SITE
	AND PARK EXITS IN SAFETY
	Brief. Topic is Vacuuming contaminated AREAS WITH HEPA VACS.
0800	START HALL DEB POWER
	POWER WITH EPA-MOBILE.
0820	RAIN STARTS FALLING.
0830	SURVEY COMPLETE.
1000	HEAVY RAIN OCCURRING.
1100	START COMPLETES MORE PHOTO LOGS.
1200	LUNCH BREAK
1320	END OF LUNCH
1400	HEAVY RAIN
1600	RAIN STILL
1700	START LEAVES FOR DAY.

[Signature] 2/19/02
 END OF
 DAYS NOTES.

0700 START HALL AREAS. CU SITE AND PARTICULATES TO SENTRY BLISS. TOP WAS WORKING IN WEST WENTHUR. START HALL STARTS PERMITS IN SENTRY

WITH LUDUM MODE 19 SENTRY # 71547

SAMPLES # READINGS @ 4M/3M

01	150/160	Micro R/Hall
02	380/440	
03		
04	240/280	
05	160/160	
06	70/70	
07	50/65	
08	90/100	
09	50/60	
10	40/44	
11	45/70	
12	90/130	
13	120/200	
14	75/115	
15	50/50	
16	60/110	
17	75/115	

2/20/02

0745 START

SAMPLE # READINGS @ 1M/3M

18	90/105	Micro R/Hall
19	50/50	
20	36/40	
21	38/42	
22	75/75	
23	75/80	
24	50/60	
25	40/48	
26	32/36	
27	55/60	

0835 SENTRY COMPLETED 1ST START

0915 EPA-MODES + START-HALL

RECEIVED SCANNED CD'S BOUVERBY START.

1000 START HALL NOTES THAT OSC

McCormick HITS SENTRY IN ON SITE

1045 START HALL SENTRY PARKING

LOT FOR NUTS SCABS ETC. LUNCH BREAK

2/20/02

1330 End of lunch. CD
 1300 Start Hall Downcomer photo from
 disks, CD
 1430 OSC-fife states that GNUI
 had at one time leased space
 at 100 East NASA Rd 2 in
 Webster Ste 411. OSC-fife
 requested that start hall
 and EPA-moore do a drive-by
 by and photo document and
 check for elevated radiation
 levels. CD
 1515 Start Hall and EPA-moore
 go to address and survey and
 find back ground to be 10 micror/h.
 at the address. the address is an
 industrial site (#411) in a
 warehouse / industrial district.
 1700 Start Hall leaves for the day.

CD 2/20/02 End of
 Davis notes

0700 Start arrives and participates
 in U.S. Ecology's safety
 brief. Topic was dust
 suppression when using a
 jack hammer. CD
 0740 Start Hall receives Berkeley
 report from USACE McCoy. Start
 Hall CD notes that two of
 the sample sites had readings
 at the action level. U.S. Ecology
 started that the room with
 those readings would be
 locked for now. CD
 0815 Start Hall takes pictures of
 SS, 30, 5 gallon siting drums
 that will have concrete in
 them. CD
 0900 Start Hall conducts a perimeter
 survey with Ludlum model 19
 SELAC # 91549. CD
 Sample # CD Remaining 4m / 1m

2-21-02 01 250/260 micror/hour
 02 480/450
 03 370/420
CD 2/21/02

Location

GRUJ WEBSTER

Date

2-21-02

Project / Client

TDD # 01-10-0010 / EPA

0900

SAMPLER #

REMARKS 1m/2m

2-21-02

04

250/300 Micro R/Hour

05

160/170

06

70/80

07

55/65

08

90/105

09

50/60

10

38/46

11

40/65

12

100/125

13

130/280

14

75/80

15

45/55

16

65/70

17

80/85

18

80/90

19

45/50

20

38/44

21

42/48

22

75/80

23

60/65

24

60/70

25

45/45

26

30/40

27

60/60

0950

SOAVER COMPLETE

1000

START HALL AND OSC-FIFE

TRAVEL TO WESTONS RES TO

SWITCH OUT CHIMNEYS, THEN

GO TO WESTONS HOURS

OFFICE TO PICK UP A QASP

FOO TRAVELER

Lunch Break

Lunch Break

START HALL COLLECTS

SZX (6) SOME SAMPLES TO

BE ANALYZED FOR RADIATION.

START HALL TAKES DIGITAL

PHOTOS OF GEMINI BEING

POURED INTO DRUMS FOR RADIATION

SOURCES THAT WILL BE SHIPPED

TO TITAN

START HALL TAKES FOR WESTONS

NOTING THAT TAKES A 4 DAY

ROTATION WEEKEND FOR SITE

PERSONNEL

END OF DAY NOTES

END OF DAY NOTES

END OF DAY NOTES

END OF DAY NOTES

END OF DAY NOTES

END OF DAY NOTES

Location

GRUJ WEBSTER

Date

2-21-02

Project / Client

TDD # 01-10-0010 / EPA

Location GNU Thru

Date

2-21-01

Project / Client

TDD # 01/01/0008 / EPA

0601

STILL IN THE ROAD EPA ARRIVE AT GNU
TAVENOR FOR SAMPLING EVENT. ALL NOTES
WZU BE KEPT BY START RESID
IN REFERENCE TO GNU2 TAVENOR SAMPLE
IN THE FIELD LOG BOOK FOR SAMPLING
SPECIFIC TO THAT SITE. Q

Location

GNU WESSSTER

Date

2/25/02

Project / Client

TDD # 01-10-0000 / EPA

0600

START HALL ARRIVES ON SITE.

0700

START HALL PARTICIPATES IN

US ECOLOGY'S SAFETY BRIEF TOPIC

WAS ELECTRICAL GOOD SAFETY.

0900

START HALL PROVIDES OSC FZIS

WITH PICTURES FROM GNU THRU

EVENT. Q

0930

START HALL NOTES THAT U.S.

ECOLOGYS NOT ON SITE DUE

TO CONTRACT PROBLEMS AS

STARTED BY USACE MILITARY TO

OSC FZIS. Q

1000

START HALL CHECKS INSTRUMENTS.

1115

LUNCH BREAK. Q

1245

END OF LUNCH. Q

1300

INSTRUMENT CALIBRATION OF

FZIS FOR MOVEMENTS BY START

HALL. Q

1805

END OF DAY FOR START Q

2/26/01

END OF NOTES

FOR DAY

Date

2/25/02

Project / Client

TDD # 01-10-0000 / EPA

0600

START HALL ARRIVES ON SITE.

0700

START HALL PARTICIPATES IN

US ECOLOGY'S SAFETY BRIEF TOPIC

WAS ELECTRICAL GOOD SAFETY.

0900

START HALL PROVIDES OSC FZIS

WITH PICTURES FROM GNU THRU

EVENT. Q

0930

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ECOLOGYS NOT ON SITE DUE

TO CONTRACT PROBLEMS AS

STARTED BY USACE MILITARY TO

OSC FZIS. Q

1000

START HALL CHECKS INSTRUMENTS.

1115

LUNCH BREAK. Q

1245

END OF LUNCH. Q

1300

INSTRUMENT CALIBRATION OF

FZIS FOR MOVEMENTS BY START

HALL. Q

1805

END OF DAY FOR START Q

2/26/01

END OF NOTES

FOR DAY

Location GNUZ WEASTERN Date 3-1-02
 Project / Client TDD # 01-10-0000/EPH

0630 START ARRIVES ON SITE. IT
 IS NOTED THAT IT IS RAINING
 HEAVILY, BI START HALL. ———
 0700 START RESTROOM ARRIVES AT
 GALT WEASTERN. ———
 0900 START RESTROOM ARRIVES
 SOFTWATER TO FOR MOUNTAINS.
 1115 LUNCH BREAK. ———
 1230 END OF LUNCH ———
 1300 START HALL + RESTROOM CONDUCT

A PERFORMER SURVEY. ———

SAMPLE # READINGS AT 1/2 METER

3-1-02 01 90/240 Micro R/Hour

02 400/450

03 360/400

04 380/300

05 170/200

06 70/70

07 60/70

08 70/80

09 50/50

10 30/45

11 50/70

[Signature] 3/1/02

Location GNUZ WEASTERN Date 3-1-02
 Project / Client TDD # 01-10-0010/EPH

1300 SAMPLE # READINGS @ 1/2 METER

3-1-02 12 90/120 Micro R/Hour

13 130/260

14 70/90

15 50/60

16 60/70

17 80/80

18 80/100

19 50/50

20 38/44

21 40/48

22 80/80

23 80/80

24 80/80

25 40/44

26 34/42

27 70/70

1430 START HALL SHOWS START ———

RESTROOM WHERE SURFACES ———

SURFACES AND TO BS MAKING. ———

1530 START RESTROOM LEAVES FOR DAY.

1730 START HALL LEAVES FOR DAY.

[Signature] 3/1/02

DRYS NO. 785

Location GNI WEBSTER Date 3-4-02
Project / Client TD # 01-10-0010 / EPA

STANLEY HALL NO. 65 THAT U.S.

0745 MR: MOT7 From O.S. Ecology

STATES TO EPA-MOORE TAT

U.S.E. Quarry road BS ST775106

ON ST73 WAITING FOR SOMEONE

FADM U.S. EGDGYS GAD. OFTC

TO CALL AND SAY 7487 COUN

RESUMES book: _____

START HALL DEES-STB JACK.

START ALL INFORMS OSC 1-2F8,

VZNA CELL PHONE, TIA7 U.S. ECUADOR

Is on size and not working, vsL

12FB STATE LAMT U.S. EQUICKY &

ADCH LMG A F.O. # AND 7/30

SHOULD RESUME WORK!	
SEEKING FURTHER ADVISE	12-7-75

START	444	GETTING GOOD	DEFIN. CLOSURE
STATE	REC120	PERIODS ON	SAME:

same as Red. @ $1\text{m}^2/\text{dm}$

3-7-02	61	100/360	Miguel/Haur
--------	----	---------	-------------

07	400/440	20
----	---------	----

03	360/380		
----	---------	--	--

04 260/300

3/9/02

3-4-02	05160/190 Micro R/Hack
--------	------------------------

06/80/90

67 60/70

08 90/90

09 60/60

10 50/50

11	50/80
----	-------

12	100/160
----	---------

13	140/260
----	---------

14	80/80
----	-------

15	50/50
----	-------

16	60/60
----	-------

17	80/80
----	-------

18	100/100
5	50/50

19	20130
20	110100

20	70/30
21	40/60

77	70/75
77	90/90

22	10/70
23	20/40

24	60/70
25	80/80

25	40/50
----	-------

26	30/40
----	-------

27	601,70
----	--------

9/4/00

Location GNI WEBSTER Date 3-4-02
 Project / Client TDD # 01-10-0010 / EPA

1045 START HALL DETERMINES THAT A
 RED DOT WILL BE SPRAY PAINTED
 ON THE PERIMETER FENCE TO
 MARK THE SURVEY POINTS TO BE
 DONE BY START. ——— OK
 1115 START RESTUD CALLS THE LAB
 PROCURED FOR RAD. SAMPLES VIA TELEPHONE,
 THE LAB, AMERICAN RADIATION, 800-
 401-4277 OUT OF BATON ROUGE LA.,
 1130 LUNCH BREAK. ——— OK
 1230 END OF LUNCH ——— OK
 1300 START HALL + RESTUD TAKE SIX
 (6) SMEAR SAMPLES FROM VARIOUS
 POINTS ON SITE. ——— OK
 1330 START HALL + RESTUD + EPA-MODELS
 COUNT SMEARS USING MODEL 3030
 LUDLUM SERIAL # 176708, FOR ALPHA+
 BETA SCREENING. BACKG. 0.45 B.CPM
 SMEARS FROM 2-21-02 ——— OK
 BLANK 2,000, 393844B ——— OK
 SMEAR #1 0.2, 41 B. + 51B. ——— OK
 SMEAR #2 0.2, 51, 51B, 0.84B ——— OK
 SMEAR #3 1.2, 44B ——— OK
OK 3/4/02

Location GNI WEBSTER Date 3-4-02
 Project / Client TDD # 01-10-0010 / EPA

1348 2-21-02 COUNTS COUNT.0 ——— OK
 SMEAR #4 0.2, 46B ——— OK
 SMEAR #5 0.2, 44B ——— OK
 SMEAR #6 1.2, 33B ——— OK
 1357 END OF SMEARS FROM 2-21-02.
 1400 START HALL TESTS SMEARS FROM
 3-4-02. ——— OK
 BLANK 0.0, 0.2, 42, 36, 39B ——— OK
 SMEAR 1-1 0.2, 50B ——— OK
 SMEAR 2- 0.2, 37B ——— OK
 SMEAR 3- 0.2, 43B ——— OK
 SMEAR 4- 0.2, 39B ——— OK
 SMEAR 5- 0.2, 43B ——— OK
 SMEAR 6- 0.2, 42B ——— OK
 1425 START HALL AND RESTUD COMPLETES
 SMEAR COUNTS FOR THE DAY. ——— OK
 1542 START HALL INFORMS START RESTUD
 OF THE KINDS OF SITE PIX OSC
 PAGE PREPERS. ——— OK
 1615 START RESTUD LEAVES. ——— OK
 1730 START HALL LEAVES. ——— OK
OK 3/4/02
 END OF DAY
 NOTED

Location GNI WESTER Date 3-5-02
 Project / Client TDD 01-10-0010/EPA

0630	START HALL ARRIVES ON SETS,	
0700	START HALL NOTES THAT U.S. ECOLOGY SHOWS UP ON SETS BUT WORK NOT WORK AT ALL UNTIL ON GOING ISSUES ARE WORKED THROUGH WITH USACG AND THE I.T. GROUP, BASED ON COMMENTS STARTED BY USACG/McLOY	
0915	START HALL REVISITS START LOG BOOKS TO MAKE SURE ALL PHOTOS ARE SAVED AND HAVE APPROPRIATE HEADERS,	
1130	LUNCH BREAK	
1230	END OF LUNCH	
1305	START HALL CONDUCTS PERIMETER SURVEY.	
	Sample #	Readings @ 1m + 2m
	3-5-02	01 100/240 MicroR/Hour
		02 380/440
		03 340/400
		04 240/280
		05 160/170
		06 70/80
		07 55/70
		08 75/75

1407

STREET HALL CONDUCTS OSC FIELD VFA
 CELL PHONES, OSC FIELD EQUIPMENTS IF
 WORK HAS STARTED AGAIN.

3/5/02

Location GNI WESTER Date 3-5-02
 Project / Client TDD # 01-10-0010/EPA

1305	Sample #	Readings @ 1m + 2m
	3-5-02	09 50/65 MicroR/Hour
		10 38/46
		11 42/70
		12 100/135
		13 130/190
		14 75/75
		15 46/55
		16 80/70
		17 80/90
		18 38/46 80/85
		19 36/44 38/46
		20 42/46 36/44
		21 80/85 42/46
		22 90/90 80/85
		23 60/70 70/90
		24 60/70
		25 38/44
		26 32/40
		27 65/65

1407

STREET HALL CONDUCTS OSC FIELD VFA
 CELL PHONES, OSC FIELD EQUIPMENTS IF
 WORK HAS STARTED AGAIN.

3/5/02

Location GNUI WEASTERNDate 3-5-02Project / Client TDD # 01-10-0010

1500

START HALL COMPLETES SURVEY
FOR THE DAY AND DEMONSTRATES
THEM. MT. ef

NOTES,

END OF DAY

3/5/02

Location GNUI WEASTERNDate 3-6-02Project / Client TDD # 01-10-0010

0630

START HALL ARRIVES ON SITE.

0700

START HALL PARTICIPATES IN

U.S. ECOLOGY'S SAFETY BRIEF, TOPIC
HBRAT STAFFS. ef

0800

START RECEIVES A PHONE CALL FROM
OS FIRE, WITH CELL PHONE, INQUIRYING
ABOUT U.S. ECOLOGY AND IF THEY

HAD STARTED BACK TOWARDS. START

HALL STATED THAT U.S. ECOLOGY
HAD HELD A SAFETY BRIEF THIS

DATE AND STATED IN THEIR

SAFETY BRIEF THAT WORK — &

WOULD BE DONE ON SITE ON

THIS DATE BY U.S. ECOLOGY. ef

0905

START HALL TAKES FNA-1405 TO
HAVE OIL CHANGED AND OTHER

FLUIDS CHECKED. ef

0945

START HALL TRAVELS TO A

FED-EX TERMINAL TO SEND SITE

T.L.D. BAGGAGE TO FOR READING.

1115

COACH BREAK ef

1215

END OF COACH ef

ef 3/6/02

Location

GMI WEASTER

Date

3/6/02

Project / Client

TDD # 01-10-0010 / EPA

13/0

START HALL AND EPA-MOORE

CONDUCT A SITE SURVEY. — 0

SAMPLE # READINGS @ 1m²/m

3-6-02 01 110/230 MIREOR/HOUR

02 430/460

03 380/420

04 220/280

05 160/170

06 65/75

07 50/65

08 75/90

09 50/60

10 36/46

11 38/65

12 95/130

13 120/260

14 70/80

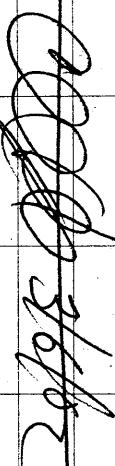
15 90/48

16 60/60

17 80/90

18 80/100

19 40/46



Location

GMI WEASTER

Date

3/6/02

Project / Client

TDD # 01-10-0010 / EPA

13/0

SAMPLE #

READINGS @ 1m²/m

3-6-02 20 36/42 MIREOR/Hour

21 40/46

22 80/80

23 80/85

24 65/70

25 36/44

26 32/40

27 51/65

SURVEY COMPLETE AND LOGGED.

1420

START HALL LEAVES SITE FOR DAY DUE TO ILLNESS.



END OF DAY NOTES

Location GNI WEBSTER Date 3-7-02

Project / Client TBD # 01-10-0010/EPA

0500 START HALL ARRIVES ON SITE. Q

0530 START HALL CHECKS SITE GATES TO SEE IF THEY WERE SECURE.

0600 START HALL CHECKS PDR MONITORS

0700 START HALL PARTICIPATES IN U.S. ECOLOGY'S SAFETY BLISTE;

TOPIC WAS LIMITED VIEW

WHILE WEARING A FULL FACE A.P.R. UNIT. Q

0900 START HALL AND EPA MODELS TRAVEL TO SONZAC RADIATION

SRV. TO OBTAIN BILZUA ZUFD FOR TWO BADGES AND GET AEROY

OF ALL BILLS INCURRED TO DATE. Q

1005 START HALL AND EPA MODELS CONDUCT A PERIMETER SURVEY. Q

SAMPLE # READINGS @ 1M 2M

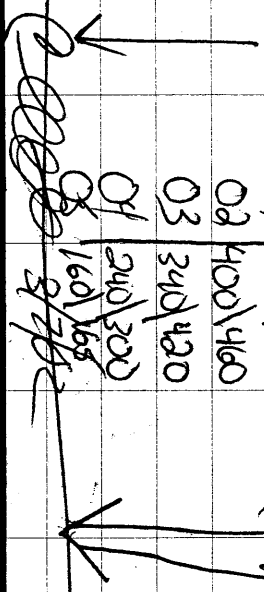
3-7-02 01 100/220 Meter 1 Hour

02 400/460

03 340/420

04 240/300

05 160/165



Location GNI WEBSTER Date 3-7-02

Project / Client TBD # 01-10-0010/EPA

1005 CONT. SAMPLE # READINGS @ 1M 2M

3-7-02

06 70/80 Meter 1 Hour

07 55/65

08 80/95

09 50/60

10 38/46

11 38/65

12 90/130

13 125/280

14 75/80

15 48/55

16 60/65

17 85/95

18 80/105

19 40/48

20 34/42

21 42/48

22 80/80

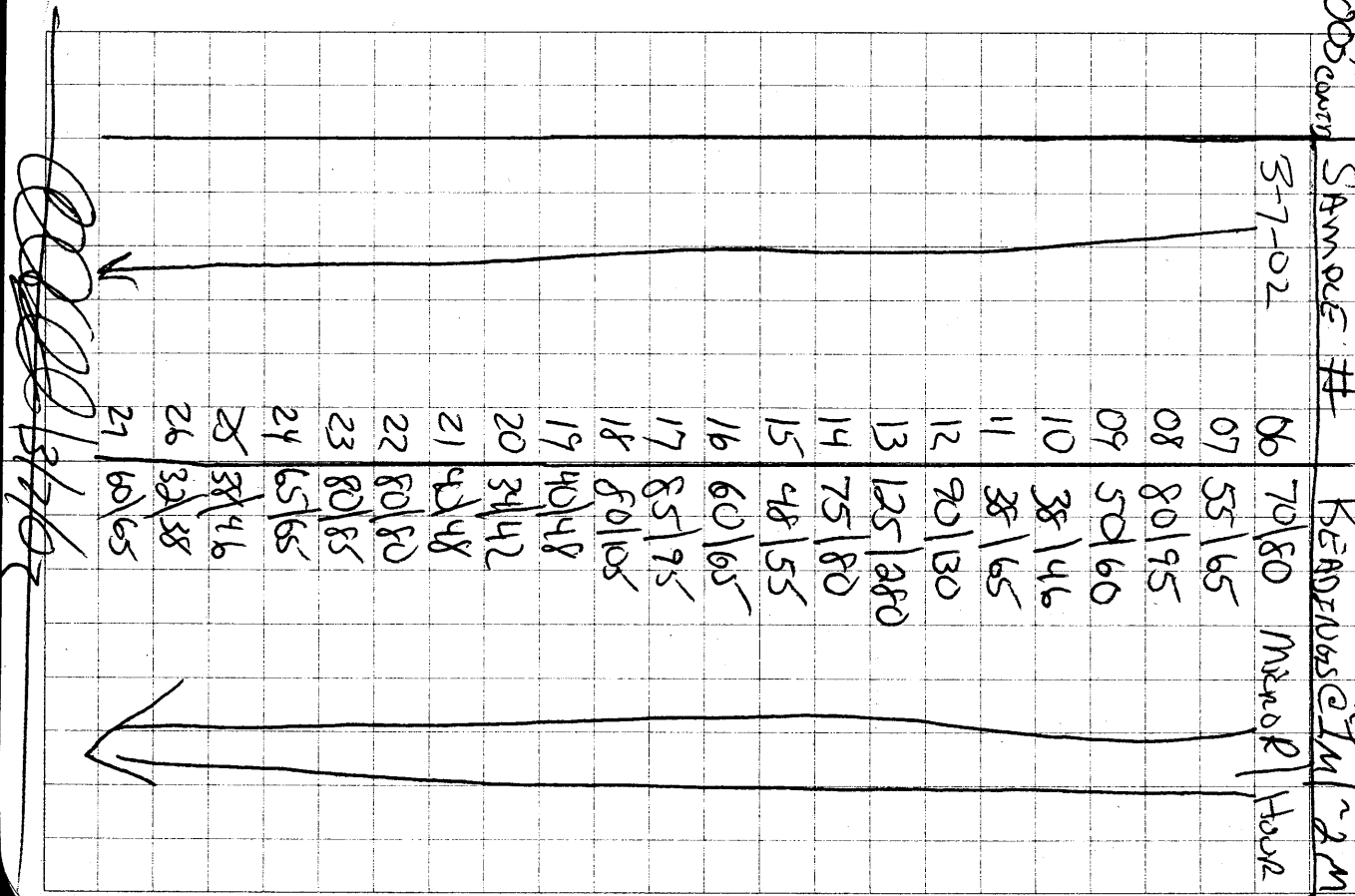
23 80/85

24 65/65

25 38/46

26 32/38

27 60/65



Location GUNT WEBSTER Date 3/7/02
 Project / Client TDD # 01-10-0010/EPA

1115 START HALL COMPUTER LOGGING
 OF SURVEY DATA. ——— QA
 1120 START HALL CONDUCTS A SITE
 WALK. ——— Q
 1210 Lunch Break ——— Q
 1315 End of Lunch. ——— Q
 1400 START Participants in E.R. Conf.
 call for Region 6 START members
 1500 START NOTES THAT WEASAD YARD
 ROLL OFF DOMESTIC AREAS ON
 SITES. ——— Q
 1615 START HALL TAKES SITE PICTURES
 1700 END OF DAY. ——— Q

END OF DAYS
 NOTES.

Location GUNT WEBSTER Date 3/8/02
 Project / Client TDD # 01-10-0010/EPA

0530 START AREAS ON SITE AT WEBSTER.
 0700 START HALL TRAVELS TO WESTON
 HOUSTON OFFICE FOR A START-ER
 MEETING. ——— Q
 0955 START HALL RETURNS TO WEBSTER
 SITE. ——— Q
 1015 START HALL CONDUCTS SITE WALK.
 1130 START HALL ES NOTES AS BEGUN
 TEL. START HALL ALSO NOTES THAT
 ABSOLUTE ROLL OFFS ARE BEGUN
 LOADED ON ABSOLUTE ROLL OFF
 TRUCKS FROM ROSS TOWN TX.
 THE ROLL OFFS ARE GOING TO A
 BRAZORIA COUNTY TEXAS LANDFILL
 FOR CONSTRUCTION DEBRIS. THE LAND-
 FILL IS REPUBLIC SEABEIZE
 ENVIRONMENTAL LAND FILL IN ANGELTON
 TEXAS AT 10310 FM 523 ANGUSTIN
 TX, 77575 PHON 979-864-4442 AND
 ARE A CLASS 2 STATE OF TEXAS
 LANDFILL. DEPOSAL # FOR CLASS 2
 LANDFILL IS FGNY3152 NOW THE SECOND

3/8/02

Location 6102 WEBSTER Date 3/8/02
 Project / Client TDD # 01-10-0010 / EPA

1340 START HALL DEMOS FROM
 SITE DUE TO ILLNESS. ————

Location 3-11-02 GUNZ WEBSTER 3-11-02
 Project / Client TDD # 01-10-0010 / EPA

0600 START HALL ACTIVITIES AND SITE.

0700 START HALL PARTICIPATORS

IN U.S. ECOLOGY'S SAFETY

BRIEF: TOPIC WAS HEAT STRESS,

0715 START HALL MAKES RETRACTIONS

THAT HE PLACED (3) THREE MET

PDR PARTICULATES MOVEMENTS

ON THE FENCELINES AT 0620 THIS

DATE. UNIT #420000 SHOWN POSITS

UNIT #4201 @ SAME POSIT I

UNIT #4199 @ SAME POSIT. Q3

0925 START HALL INSPECT THE DERIVED

(3) PDRS AND FINDS THAT EACH IS IN

NEED OF A BATTERY CHANGE OUT. START

HALL EXCHANGES 9VOLT BATTERIES

IN EACH AND SUBSTITUTES TO TAGS

1000 START HALL TAKES ACTION PHOTOS

OF SITE ACTIVITIES. ————

1015 START HALL CONDUCTS PERIMETER

SURVEY ————

3/8/02

3/11/02

Location

GNUI WEBSTER

Date

3-11-02

Project / Client

TDD # 01-10-0010/EPH

1100 OSC FIRE TRUCKS START HAVE
TO MAKE A LOG BOOK ENTRY
REFERENCE A LEAD W/ILL/NO/NO
Room Discovered by U.S. Bureau,
WHITE DISTRICT HAS IN WITH
TO RUN EXTENSION CORDS THE
AREAS IN BUILDING #2 ROOMS
134 14. ————— *eg*
LUNCH BREAK ————— *eg*
END OF LUNCH ————— *eg*
1300 START HAVE COMPUTERS PICTURES
EXCHANGES WITH OSC FILES. ————— *eg*
1330 START HAVE METS PETER BOISSERON
VIA CELL PHONE CONFERENCES CAN
TO DISCUSS ROSSITER ROBOTIC ————— *eg*
APPLICATIONS ON THE GWT STARS
FOR THE EPH. ————— *eg*
1445 START HAVE GIVES EPH GEORGE
BROUSSE A TLD BANG # 00061844
~~DOB 1250~~ ¹⁰SSA 112-50-7352 DOB 3/29/56.
EPH BROUSSE = S GIBERD AN EXERCISE
SET FOR BY EPH-MOON. ————— *eg*
1540

eg 3/14/02

Location

GNUI WEBSTER

Date

3-11-02

Project / Client

TDD # 01-10-0010/EPH

1600 START HAVE BULL POLE'S DUST TO
RAU. ————— *eg*
1700 START HAVE LOGS SITE SURVEY
RESULTS FROM EXERCISE IN THE
DAY.
SAMPLE # READINGS @ 1m / 2m
3-11-02 01 130 250 MZUO R/Hour
02 440 460
03 330 380
04 180 180 380 460
05 180 40
06 80 100
07 65 80
08 90 90
09 55 55
10 34 38
11 36 55
12 95 135
13 130 280
14 70 85
15 40 44
16 55 65

eg 3/14/02

1730	1720	REMARKS	TIME
START	3-11-02	17	85/55
		18	80/100
		19	38/42
		20	36/38
		21	32/46
		22	44/48
		23	80/85
		24	60/70
		25	34/42
		26	32/36
		27	46/65

START HALL LEAVES FOR THE DAY.

3/11/02
 END OF DAYS
 NOTES

0600	START HALL MAKES ON SITE AND POUNDS PDL'S TO COMPUTER. LOCATION #1 PDL 4201 THG2 MAX 0.08mg/m ³ THG3 MAX 0.054 mg/m ³ LOCATION #5 PDL 4202 MAX 0.193mg/m ³ LOCATION #23 PDL 4199 MAX 0.081mg/m ³ THG3 MAX 0.166mg/m ³
0645	START HALL DEPLOYS PDL FOR THE DAY.
0700	START HALL PARTICIPATES IN US. ECOLOGY'S SAFETY BRIEF. TOPIC HEAT STRESS WHILE IN LAB.
0720	START HALL PROVIDES EPA-BROZUSKI WITH A PACKET DOCUMENT FOR THE SITE ENVOY HE WILL BE DOING THIS DATE.
0930	START HALL MAKES PLANS WITH EPA INVOICES AND BROZUSKI TO TRAVEL TO GNUZ TAVENOR AND INVESTIGATE A POSSIBLE CASE ON SITE THAT MAY POTENTIALLY HAVE A HIGH QUOTE SOURCE IN IT.

3/12/02
 ENR

Location GNUI WEBSTER Date 3-12-02
 Project / Client TDD 01-10-0010 / EPA

1030

START HERE AND EPA-OSC F2P8
 AVE ASKED TO ATTEND A MEETING
 BY U.S. ECOLOGY. U.S. ECOLOGY
 INFORMED THE COPS, I.T. EPA +
 WEBSTER THAT TWO EMPLOYEES
 HAD BECOME CONTAMINATED ON
 THEIR PERSONAL SWEET CROISS
 AND DOORS SUTS WITH ALPHA
 RADIATION. U.S. ECOLOGY'S MOBILE
 STARTED THAT FURTHER CONTAMIN
 WAS FOUND ON SHOEDRAG, LOCK
 PARTS AND SUTS AND KAYAKED
 FROM 60 cpm to 200 cpm of
 ALPHA. U.S. ECOLOGY P MOBILE
 ALSO STARTED THAT OTHER SUT
 COUNTS WERE IN THE
 150,000,000. cpm TO 2,000,000,000
 MOBILE RANGES. ————
 1130 LUNCH BREAK ————
 1230 END OF LUNCH ————
 1450 START PLOTS THUNDER SQUARE PLOTS.
 1610 START ZUPERS OF FATS OF PESTHIT
 1730 START HERE LUNCHES SATIS. ————
3140

GNUI Webster Date 3-13-02
 Project / Client TDD # 01-10-0010 / EPA

0600

START HERE ANALYSIS ON
 STEPS ————

0610

START HERE STARTS DOWN
 LOADING OF PDR INFORMATION.

0700

START HERE ATTEMPT U.S. ECOLOGY
 SATELITE BEFORE FOR ANY TREAT:

0750

HAVE STEPS ————
 START HERE FURTHERS RETENTION
 DATA FROM PDRS. ————

0903

START HERE ACQUISITIONS THAT
 INFORMATION TO PDRS NOT
 RETENTION AND IS COST.

0930

START HERE ZERO QALS ALL
 PDR'S AND ROUN ASYSTEM CHILL
 ON RETENT OVER #15401, 4202, 4259.

1135

LUNCH BREAK ————
 END OF LUNCH ————

1230

START HERE FURTHERS SCANNING
 SOFTWARE FOR EPA BOB LINES,
 AT THE DISCRESSION OF OSC

1303

START HERE FURTHERS SCANNING
 SOFTWARE FOR EPA BOB LINES,
 AT THE DISCRESSION OF OSC

1410

START HERE FURTHERS SCANNING
 SOFTWARE FOR EPA BOB LINES,
 AT THE DISCRESSION OF OSC

3140

Location

GULI WEBSTER

Date

3-13-02

Project / Client

TDD # 01-10-0010/EMA

Location

GULI WEBSTER

Date

3-14-02

Project / Client

TDD # 01-10-0010/EMA

1525

START HALL FINISHERS

INSTRUCTORS AND INSTRUCTORS
EPA - WELLS. ————

1600

START HALL ASKING OSCARS
TO MAINTAIN THE HEAVY DOWNSPORTS ON THE HEAVY DOWN
WEST SIDES OF THE BUILDING

CONDUCT AT WEBSTER. ————

1700

START HALL LEAVES ————

0615

START HALL APARTMENTS OUTSIDE

0630

START HALL CHARGES BATTERIES

0650

START RESTROOM APARTMENTS ON 5TH

0700

START HALL AND RESTROOM APARTMENTS

IN U.S. ECOLOGY'S SAFETY

BATTERIES CHARGES SYSTEMS AND
BATTERIES ZONE. ————

0800

START HALL ASKS THAT START

RESTROOM POST THE PDL'S AT
THEIR STATIONS. ————

0900

START HALL AND RESTROOM TRAVEL

TO OFFICE DEPT FOR OFFICE
SUPPLIES. ————

1015

OSC PARK EXHIBITS TO START HALL

THAT THE WORK AT THE TRAVEL
SITE SHOULD CONTEST ONLY OFFIREWORKS THE BUILDINGS FOR
ALPHA, BETA, GAMMA AND G.P.A. OFTHE SOIL AREAS TO THE EAST AND
SOUTH EAST. OSC PARK ALSO STATIONTHAT HE DID NOT WANT
ANYTHING DONE ON THE BARRIC

END OF NOTES

1015	2 1/2 Acres AZ THZS Tzm ¹⁸ y	
	START ———	QD
1130	LUNCH BREAK ———	QD
1230	5m on CONC BEGNN ———	QD
1300	conduct Site Survey of the	
	Perimeter ———	QD
1400	START HALL and Restivo QD	
	Feed Smears for ———	QD
	Count Smear 1 ———	QD
Sample 1	Blank 08 93B, 40B, 30B	
Smear 1	08 2. B	
Smear 2	08 43B	
Smear 3	08 44 B	
Smear 4	08 43B	
Smear 5	08 42B	
Smear 6	08 37B	
Smear 7	08 42B	
Smear 8	08 40B	
Smear 9	0, 018 48, 39, 55 B	
Smear 10	08 37 B	

600 START Restivo Drings PDRs
in office for the day ——— QD
1615 START HALL, Restivo and
EPA more depart Site for day.

1630 START RESTIVO and HALL
take EPA Moore to the Airport
(Hobday). ——— QD

[Large signature/initials across the page]

Location

GANI Webster

Date

03/14/02

Project / Client

TDD 01-10-0010 / EPA

Airborne Particulate Matter Levels

PDR #	Location	DATE	Max	avg concentration
4199	Sample location 3/14/02	0.07 mg/m ³	0.038 mg/m ³	
4201	Sample location 3/14/02	0.102 mg/m ³	0.032 mg/m ³	
4202	Sample location 3/14/02	0.065 mg/m ³	0.018 mg/m ³	
4199	Sample location 3/15/02	0.083 mg/m ³	0.059 mg/m ³	
4201	Sample location 3/15/02	0.202 mg/m ³	0.038 mg/m ³	
4202	Sample location 3/15/02	0.115 mg/m ³	0.061 mg/m ³	
4204	Sample location 3/15/02	0.043 mg/m ³	0.032 mg/m ³	
4199	Sample location 3/20/02	0.024 mg/m ³	0.016 mg/m ³	
4201	Sample location 3/20/02	0.023 mg/m ³	0.009 mg/m ³	
4202	Sample location 3/21/02	0.027 mg/m ³	0.024 mg/m ³	
4201	Sample location 3/21/02	0.019 mg/m ³	0.014 mg/m ³	
4202	Sample location 3/21/02	0.034 mg/m ³	0.027 mg/m ³	
4201	Sample location 3/22/02	0.00 mg/m ³	0.00 mg/m ³	
4199	Sample location 3/22/02	0.038 mg/m ³	0.031 mg/m ³	
4202	Sample location 3/22/02	0.029 mg/m ³	0.025 mg/m ³	
4199	Sample location 3/23/02	0.010 mg/m ³	0.002 mg/m ³	
4201	Sample location 3/23/02	0.010 mg/m ³	0.002 mg/m ³	
4202	Sample location 3/23/02	0.004 mg/m ³	0.000 mg/m ³	

Location

GANI Webster

Date

03/14/02

Project / Client

TDD 01-10-0010 / EPA

SITE SURVEY DATE TABLE

SAMPLE #	READING	STIM/m ² m
031402		
031402	0201	120/225 MicroRhr
031402	0202	400/425
	03	320/420
	04	220/280
	05	160/185
	06	70/75
	07	50/60
	08	80/100
	13	140/300
	14	70/90
	15	50/50
	16	50/70
	17	100/100
	18	100/110
	19	34/48
	20	40/40
	21	50/55
	22	75/80
	23	80/90
	24	65/75
	25	32/48
	26	28/40

Sample # Readings ~ 1m/2m031402 a7 50/70

Samples 9 through 12 were not surveyed due to potential beryllium contamination.

031902 a1~~Sample~~ Readings 1m/2m031902 a1 110/120 Micro R-1m031902 a2 400/49003 840/42004 N/A05 230/30006 60/8007 50/7508 75/10009 Samples 9 through 1210 were not surveyed due11 to potential beryllium12 contamination13 110/25014 75/8015 50/5016 60/401 60/400645 START Resto arrives onsite. STARTnotes that Jim Lang^{sen} the HealthPhysicist for IT has arrived onsite too.0658 START Resto attends US EcologySafety Meeting Brief topic:eye wash station in Bldg one.Castade. System will arrive onsitetoday.0750 START Rustie replaces TLD badgewith ~~new~~ replacement Soold badges can be sent forreading.0800 Safety Meetingweather: high around 78° humidand cloudy ~~small~~ ~~streaks~~ 40%chance of rainhazards: Alpha Beta, Gamma, NeutronSlips/trips/falls, heat stress,cold stress, vehicular traffic.level of protection: level D modifiedwhen necessary.0812 START Rustie changesbatteries in PDRs.

Location

GNI Webster

Date 8/3/1962

Project / Client

DDO1-10-0010/ERA

0816 START Positive replaces OSC

Files TLD look of

- 0951 START Festivo places PDRs

at sample locations 1, 5, and 23 after zeroing all

PDRs. PDR 4201 is located

at Sample Location 1, RDR 4/1999

Is located at Sample 5/Location,

FOR 4202 is at sample location

⑦

0958 START Restivo replaces H. on p.

representative McLoys JD books

1000STAS Festivo attends air-line

meeting: 03/19/02 1015 Cascade

System viewed long US Ecology.

11113 START Keshiv contacts START000

Mail to verify air sample schedule.

1140 START McShane arrives on site

1200 START Festivo and STAR I McShore

for lunch. ~~7/6~~

1330 START is informed by EFA

More hotmailing ~~dis~~ use

of *Beta vulgaris* var. *maritima*

for Beta.

110

Location

GAH Webster

Date 03/19/02 111

Project / Client

7DD 01-10-2010 / FFA

1416 START Restivo and EPA

Product Site Surveys of Parameters

15-1700 START Kustiv removes P. Dike

from stations to the day
17th START downlands

173D S/KT downloads

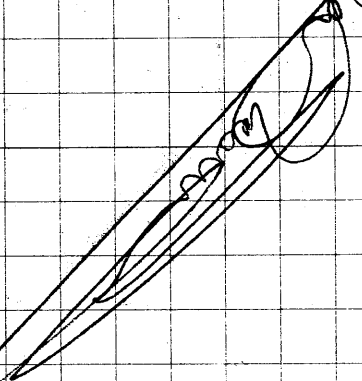

FDK information

1800 START Restivo, Site Crew

ETH representatives, and Army

Corporate representatives supported

Soil for the day — ~~1~~



0650 START Restivo arrives
 onsite. (AC)
 0700 START attends U.S. Ecology
 Safety meeting Brief topic:
 alarming dosimeter reads only
 half gamma as regular dosimeters
 Health Physics "bit"? Hepa filters
 are better for smaller particles.
 0810 Health Safety meeting
 weather: Thunderstorms high 70's
 low 50's. (AC)

Hazards: Slips / trips / falls, Alpha,
 Beta, Gamma, Radiation, heat stress.
 Level of Protection: Level 1 Modified
 when necessary. (AC)

Angela Restivo Angela Restivo
 0835 START Restivo attends meeting
 between OSC Fife Jim Langston
 (EPA/Brian Moore, Colleen Pettit
 (EPA Las Vegas) discussing
 release in room and ~~possibility~~
 and level of protection utilized
 to enter room. It was decided
 that APRs would be utilized (AC)

for this short (30 min) entry
 to attempt to ~~enter~~ determine
 contamination in room.
 OSC Fife expresses displeasure
 in the status of the site.
 1005 START Restivo changes
 batteries ~~etc~~ in PDRs and
 zeros PDRs. (AC)

~~TPD~~ 1007 START sets PDRs around
~~perimeter~~ perimeter. START notes
 that there is a light mist
 out side. START will remove monitors
 if it begins to rain. (AC)

1130 Lunch Break (AC)

1230 return from Lunch Break (AC)

1250 START informs OSC Fife
 of US Ecology's discovery
 of the personal files found
 in Bldg 2. OSC Fife states
 that for now the documents
 have been moved to 15 and
 have been bagged to prevent
 damage and that for now
 we will not scan documents. (AC)

Location GNI Webster Date 03/20/02
 Project / Client TD 01-10-0010 / EPA

255 START leaves site to mail
 TLD badlogs for ~~start~~ aynally
 of badlog information.

1330 START returns to site.

late to ~~enter~~ log prior to

lunch break START questioned

ACE Meloy about the A

CE's purchase of an extension

card ACE Meloy informs

START that cards have not

been purchased, but, that

START will have card tomorrow

1300 START Restivo conducts survey

around site.

1040 OSC Fife directs START

Restivo to find owner/operator

and any other information

related to Gulf Nuclear Inc

at 100 NASA ROAD ONE

Suite 411

Webster, TX 77598

FH45 Jim Lano informs EPA

Moore and START Restivo

that individuals (U.S. Ecology)

Location GNI Webster Date 03/20/02
 Project / Client TD 01-10-0010 / EPA

SITE SURVEY DATA TABLE

Sample #	Readings 7m/2m
031902	1780/100 MicroR/hour
1880/1100	
1940/40	
2040/40	
2140/50	
2240/50	
2378/80	
2450/60	
2518/44	
2625/44	
031902	2750/60
032002	01140/200
02400/420	
03360/400	
04260/300	
05160/180	
0660/60	
0760/70	
0880/80	
13140/260	
1470/90	
1550/50	
1660/60	

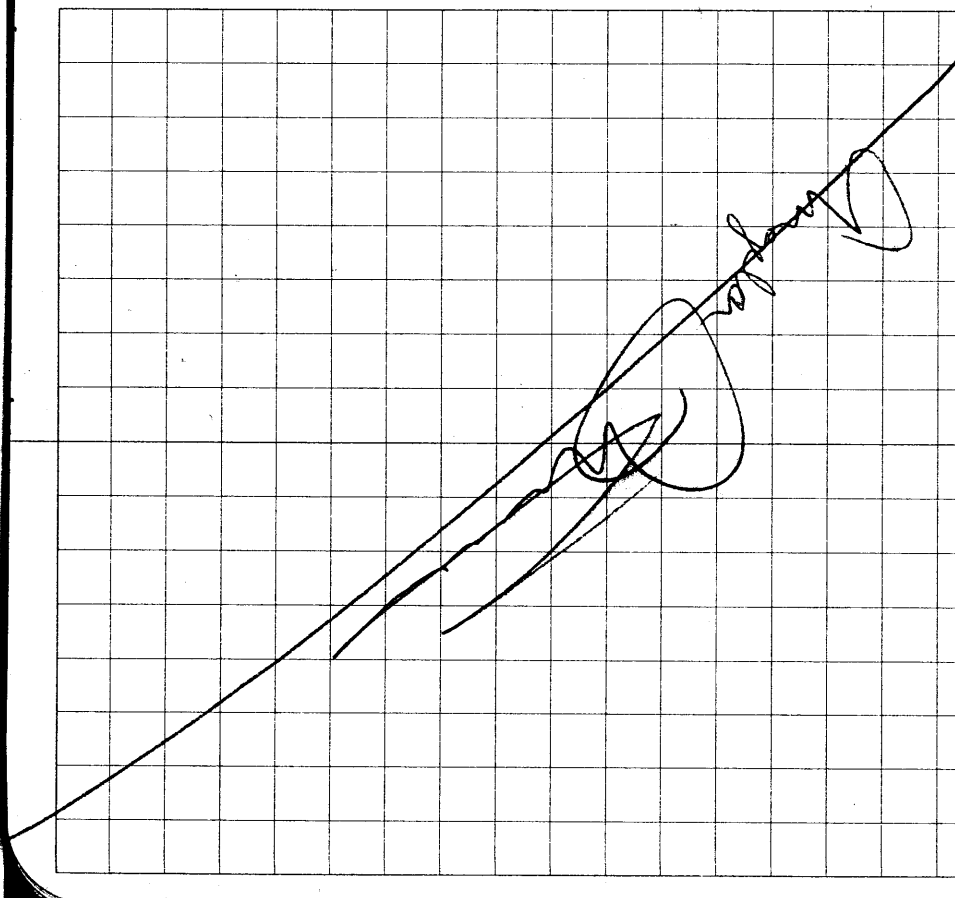
Location GNI Webster Date 02/20/02
 Project / Client TPD 01-10-0010/EPA

SETTLE SURVEY DATA TABLE

Sample #	Readings - m/~2m
D32002 17	80 / 100
18	70 / 100
19	44 / 50
20	40 / 42
21	50 / 50
22	80 / 80
23	90 / 80
24	60 / 70
25	36 / 40
26	30 / 32
27	50 / 70
032102 01	130 / 200
02	466 / 400
03	340 / 400
04	240 / 280
05	160 / 180
06	76 / 80
07	120 / 100
08	80 / 90
09	60 / 60
10	40 / 50
11	50 / 70
12	50 / 70
13	140 / 200

Location GNI Webster Date 03/20/02
 Project / Client TPD 01-10-0010/EPA

Our sample from room had a count of 3 microcuries for a 1 hour period. 1800 Tim Long informs of the situation of the situation 1815 STAFF Restive brings PDR inside for the evening.



0650 START arrives on site

700 START Rustivo attends US Ecology

Health and Safety Meeting.

Brief topic: Heat Stress drink

Plenty of fluids. (X)

Problems encountered: Health

Physicists both IT and US

Ecology inform group that

individuals in room during

incidents received approximately

45R to the bone ~~Urinalysis~~ (X)

Results will come in on Friday

~~Urinalysis~~ Urinalysis will

be the final determining factor on

Official level of contamination reached.

Equipment that was sent to be

calibrated and repaired has not

been sent back to site. Even

after repeated attempts at contact

no new information is available.

Scope of work: Finish drumming

Radium Sources. (X)

0800 Health and Safety Meeting

Weather: Cloud and cool

(X)

Hazards: Slips Trips / Falls, Alpha,

Beta, Gamma, Neutron. (X)

Level of Protection: Level 1D

modified when necessary.

Scope of work: Site documentation

via camera, and logbook,

PDR use for particulate monitoring,

Smear Samples, Site Survey,

Air Sampling using Ratz 1,

contact individuals to obtain

entrance to 100 NASA Road

One Suite 411 Webster TX 7558.

0615 START Rustivo ~~Entrance~~ ^{Entrance} changes

batteries in PDR and zeros. (X)

0940 START sets up Ratz 1 (X)

1045 START Rustivo contacts

Weingarten Realty Manor, Co.

713-816-6000 to gain access

to 100 NASA Road One Suite 411.

START Rustivo informs Lynn

Skinner of Weingarten Realty

Manor. Co. of access need. Skinner

informs ~~START~~ START Rustivo that

Bill Kachner is the Property

(X)

Location Gulf Webster Date 03/21/02
 Project / Client TDD 01-10-0010/EPA

Manager and that he is currently out of State. Radner is scheduled to return to the office by tomorrow morning. Skinner assures START Restivo that she will contact Radner and ~~that~~ that one of them would contact START Restivo.

1100 START Restivo conducted internet

Search for responsible parties, of

Gulf Coast Waste Disposal

910 Bay Area Blvd, Houston TX 77058,

to see if Gulf Coast was linked

to Gulf Nuclear Financially as

expressed to having just purchased

sources from them.

1200 Lunch Break

1300 Return from Lunch Break

1315 START Restivo continues

researching ~~from~~ Gulf Coast

Waste Disposal

1430 START Restivo receives

call from Lynn Skinner of

Weingarten Realty Management Co.

Location Gulf Webster Date 03/21/02
 Project / Client TDD 01-10-0010/EPA

1440 ~~Skinner~~ Skinner informs START Restivo that Site 411 is occupied by GIC Medical Holdings and that access would have to be granted by Michael McLombs of GIC Medical Holdings.

1450 START leaves message on McLombs voicemail indicating situation

1500 START Restivo conducts site survey

1605 USEcology informs EPA more

that sources within building

have been ~~removed~~ recently

~~removed~~ moved and that this

would cause survey points

to ~~be~~ read at a higher

rate if readings were taken

again.

1630 START Restivo collects

Soil samples from around

Site

1730 START Restivo collects PDRs

Location

GNI Websters

Date

03/21/02

Project / Client

TDD 01-10-0010/IEPA

1800 START Restivo completes
RAZ1 sample collection.

Imperial

Location

GNI Websters

Date

03/21/02

Project / Client

TDD 01-10-0010/IEPA

SITE SURVEY DATA TABLES

SAMPLE #	READING	TIME	UNIT
03210214	70	90	MicroR/hour
15	50	50	
16	60	70	
17	80	1100	
18	80	1100	
19	50	150	
20	40	140	
21	50	150	
22	70	190	
23	80	190	
24	60	170	
25	40	160	
26	30	134	
27	60	160	
03220201	130	210	
02	42	01460	
03	33	01420	
04	14	01150	
05	16	01200	
06	75	75	
07	43	150	
08	18	01180	
09	90	1100	

Location GNI Webster Date 03/22/02
 Project / Client DD D1-10-D010/EPH
 SITE SURVEY DATA TABLE 40

SAMPLE #	READING μ R/hm
03/22/02	10 55/55 MicroR/hour
	11 36/70
	12 100/130
	13 130/290
	14 75/85
	15 38/48
	16 60/70
	17 90/100
	18 75/95
	19 38/44
	20 38/40
	21 42/48
	22 80/85
	23 80/90
	24 55/65
	25 32/42
	26 32/34
	27 46/65
03/23/02	01 140/200
	02 420/420
	03 400/400
	04 286/320
	05 180/200
	06 80/80

Location GNI Webster Date 03/22/02
 Project / Client DD D1-10-D010/EPH

0550 START Restivo arrives on site
 0700 START Restivo attends
 US Ecology meeting
 "chirpers" have a window
 of 60 photon so when viewing
 Americium it only read
 approximately half of the
 time Radium has greater
 photon so chirper was able
 to read the same ~~area~~ as
 dosimeters thru hole time.
 0750 Health and Safety Meeting -
 weather: 58° Humidity 47% wind NBrk
 Hazards: slips/trips/falls, Alpha,
 Beta, Gamma, and Neutron, cold stress
 scope of work: Perimeter
 particulate monitoring, perimeter
 survey with microR, count
 smear samples, Research
 possible other locations (GNI),
 document site activities,
 level of protection. Level D
 modified ~~with~~ when necessary
 Angela Restivo Angela Restivo

0845 START Rustivo sets up PDRs
 PDR 4201 was ~~located~~ located
 at Sample point one, PDR 4199
 was located at Sample point
 five, PDR 4202 was located
 at Sample point 23. PDRs
 4204, 4075 were established
 as Backups. — (70)

Left entry to log: PDRs 4201,
 4199 and 4202 were zeroed
 prior to being ~~set~~ Setup. — (70)

0915 START conducts intranet

Search for other GNT locations.

1140 ~~START~~ Lunch Break

1240 Return from Lunch Break

1250 Fence contractor set on

site to repair gate to S, H. — (70)

1300 START conducts intranet

Search for responsible parties

1430 START Rustivo and EPA

ORITA B. Moore conduct site

Survey of Perimeters. — (70)

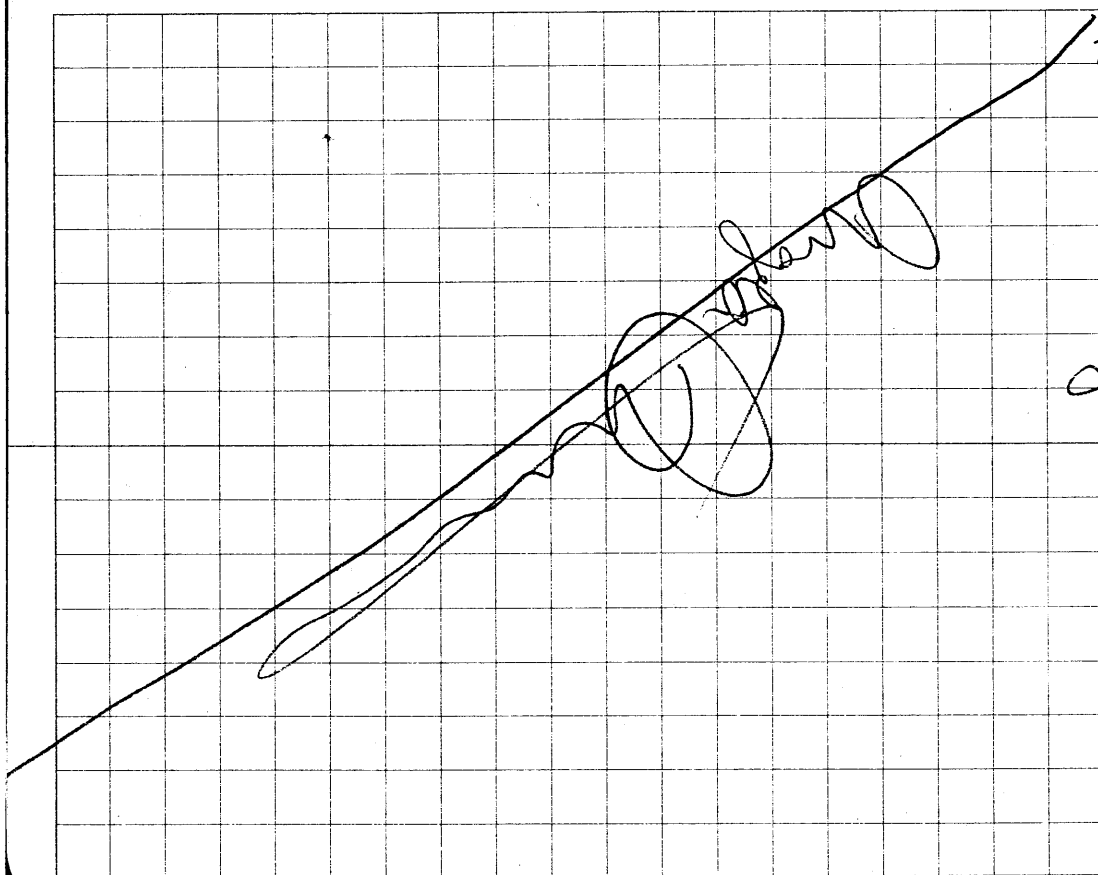
1530 ~~ADJ~~ START Rustivo notes

that US. Ecology collects

Smears ~~are~~

(70)

1700 START collects PDR monitors
 1730 START Rustivo downloads
 monitors — (70)
 1809 START Rustivo departs
 for the day. — (70)



Location

GME Webster

Date

3/23/02

Project / Client

TDD 01-10-0010/EPA

SITE SURVEY DATA TABLE

SAMPLE #	READINGS	u/m	2m
D3/3/02	67	600/70	Mike R/hour
	68	190/200	
	69	100/100	
	10	50/60	
	11	50/60	
	12	100/120	
	13	130/230	
	14	80/80	
	15	46/48	
	16	60/70	
	17	80/80	
	18	60/90	
	19	50/50	
	20	42/46	
	21	50/50	
	22	70/90	
	23	80/90	
	24	60/70	
	25	30/48	
	26	32/40	
	27	60/70	

~~Amesbury~~

Location

GME Webster

Date

3/23/02

Project / Client

TDD 01-10-0010/EPA

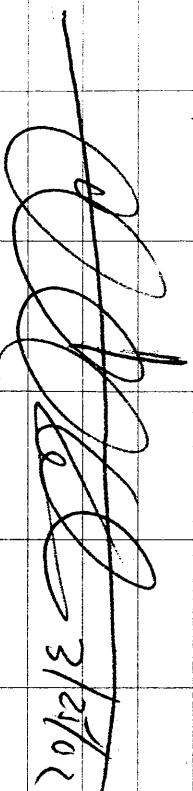
SITE SURVEY DATA TABLE

1840 START Restive collects
 Smear Samples from various
 locations:
 Smear 1: Step-off from Bldg 1
 Smear 2: Route of Egress from Bldg 1
 Smear 3: Drums and around drums
 Smear 4: Front Step from exit
 Smear 5: Outside Step of Break-trailer
 Smear 6: Between Roll-off Boxes
 in non-radarea of Bldg 1
 Smear 7: START office in front of
 door
 1840 START Restive downloads from
 PDRs
 1900 START Restive departs
 from site.

~~Amesbury~~

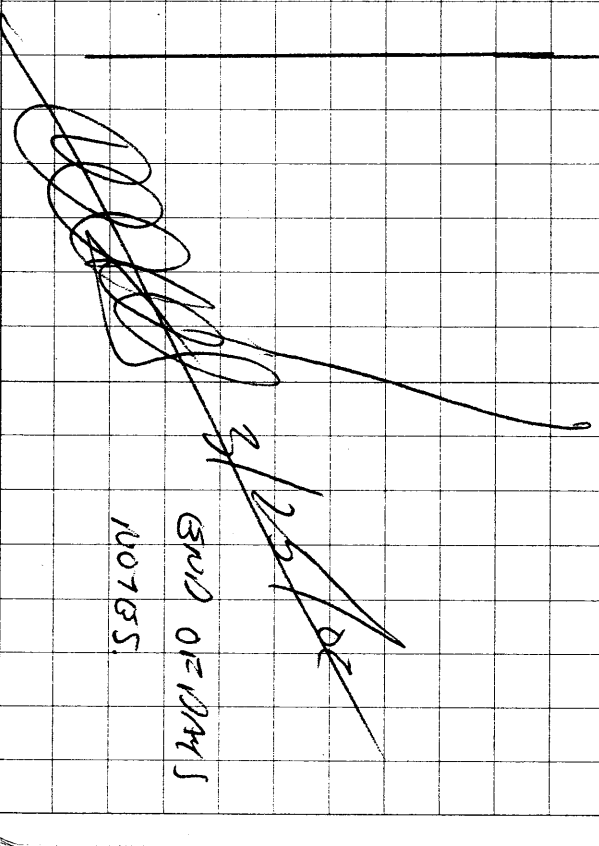
Location GNI Webster Date 3-25-02
 Project / Client TDD 01-10-000/EPRA

0710 START HALL APPEARS ON SETS ——— @
 0730 START HALL IS CAUGHT UP ON SETS
 ACTIVITIES BY EPA-MOORE, ——— @
 0800 START HALL DOUMCROS AND SETS ARE
 FOR THIS DAY, ——— @
 0845 START HALL CONDUCTS A SITING WORK.
 0900 START HALL SETS SCHEDULE TO REPAIR
 FOR NEXT TRAVELER ASSESSMENT.
 0942 EPA-MOORE PROVIDES START HALL
 WITH A COPY OF U.S. ECOLOGY ROUTE
 PICTURES THAT THEY HAVE TAKEN
 INSIDE THE WEBSTER FACILITY.
 1015 START HALL TAKES PHOTOS INSIDE
 PERIMETER FENCE TO BE STITCHED
 FOR A 360° PANORAMIC PHOTO. ——— @
 1115 LUNCH BREAK ——— @
 1215 END OF LUNCH ——— @
 1245 START HALL TALKS WITH START
 RESTING, VIA CELL, ABOUT TO GO
 UPDATED ABOUT PROSECUTING A GAN
 FOR TRAVELER. ——— @


 3/21/02

Location GNI Webster Date 3-25-02
 Project / Client TDD 01-10-000/EPRA

1305 START HALL MAKES NOTES FOR THE
 DAY THAT THE WEATHER WAS
 RAZZY, CLOUDY AND WINDY. ——— @
 1400 START HALL INQUIRIES TO USACE
 Miley about 2 U.S. Ecology Reps
 MISSING FROM SETS. MR Miley
 STATES THAT THEY WERE OUT
 DURING COMPLETION OF THE
 INVESTIGATIONS FROM THEIR POTENTIAL
 EXPOSURE CHANGES THIS MONTH.
 1610 OSC FILES RELEVANT BLENDED FROM
 START HALL AND EPA-MOORE. ——— @
 1730 START HALL LEAVES/2008 DAY ——— @


 3/25/02
 END OF DAY'S
 NOTES.

Location GNUI WEBSTER Date 3/26/02Project / Client TDD 01-10-0010 / EPRA

0645 START HALL ASKS ON SITE. — Q

0700 START HALL PART REPAIRS IN U.S. ECOLOGY SAFETY BRIEF. TOPIC PROPER APR FET. — Q

0730 START HALL DOWN LOOPS REPAIRS DUES DDRI AND NOTES LOCATION AND SERIAL # OF BRKLY DATA THE TWO OF EACH. — Q

0735 START HALL NOTES THAT DATA RESTORATION IS NOT POSSIBLE, DATA IS LOST. — Q

0845 START HALL WORKS PERMANENTLY. START HALL COMMENTS WESTON CITE Schoenfelder to Discuss Sampling Plan. — Q

1015 OSC FETAS REQUESTS THAT START HALL BE RESPONSIBLE, AND WESTON FOR PERIMETER ENVIRONMENTAL AIR MONITORING. — Q

1130 LUNCH BREAK — Q

1230 END OF LUNCH — Q

[Signature]

Location GNUI WEBSTER Date 3/26/02Project / Client TDD 01-10-0010 / EPRA

1309 START HALL ASKS OSC FIFE — Q

IF IT WAS OK TO PROCEED WITH SAMPLING, RETURNING TO REPAIR FOR WORKS. OSC FIFE STARTS TO GO AHEAD AND SUBMIT A SAMPLING DATA TO Hqn. — Q

1451 START HALL IS ASKED BY — Q

OSC FIFE IF START RESTORED GAZARD ACCESS, TO 100 NASHA, FROM THE PROPERTY OWNER LAST WEEK. START HALL STAYS AWAY FROM FIVE OUT. — Q

1540 START RESTORED ENVIRONMENTAL START HALL FOR CALL PHOTOS THAT CONTACT GOOD NOT BB MADE WITH THE TOWN LAST WEEK. — Q

1637 START HALL INFORMS OSC FIFE THAT ENVIRONMENTAL SAMPLING PLAN WOULD BE DELIVERED FIRST. END OF DAY. — Q

[Signature]

3/26/02
END OF DAY
NOTES

Location GUI WEBSTER Date 3/27/02
 Project / Client TPD 01-10-0010/EPA

0645	START HALL ARRIVES ON STAIRS.
0700	START HALL PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF; TOPIC SCARS AND TRIPS. ————
0730	WEATHER ENTRY, START HALL NOTES IT IS STILL RAINING.
0840	START HALL LEAVES SECS TO GO TO WESTON HUSTON OFFICE TO OBSERVE SUPPLIES AND RE-FIT TEST FOR AAR.
1100	START HALL RETURNS TO SECS.
1150	LUNCH BREAK. ————
1300	END OF LUNCH. ————
1327	START HALL TRAVELS TO COMPUTER, AND BEST BUY WITH OSC FZEB.
1450	START HALL TAKES TO WESTON'S CHIP BOB SCHUBERTER ABOUT MDA LABS. ————
1617	START HALL WAIVES PERMISSION PERM. ————
1701	OSC FEELS OSCS START HALL RE-HE HAS ORTANUBD ACCESS TO THE BUILDING ON MBSA. ————
1705	START HALL STARTS TALKS FOR LUNCH, HAS NOT RETURNED THIS MORNING. END OF MEETING

Location GUI WEBSTER Date 3/28/02
 Project / Client TPD # 01-10-0010/EPA

0635	START HALL ARRIVES ON SECS. ————
0700	START HALL PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF; TOPIC: Heat Stress. ————
0750	START HALL DEPARTS (5) PDL'S AFZEN ARRIVES HALL 5 SECONDS AND CHECKED THIS LAST 2 DAYS. ALL 5 PDL'S WERE ZERO AAR CALCULATED PERCENT TO DAYS DEVELOPMENT. ————
0915	START HALL SENDS E-MAIL TO WESTON'S CLEANER RE TO AMENDMENT. ————
1050	START HALL CHECKS OPERATION OF FACIT PDL. NOTES ALL ARE OPERATING CORRECTLY.
1130	LUNCH BREAK. ————
1230	END OF LUNCH. ————
1325	START HALL GIVES OSC FIVE MINUTES START LUNCH PHOTO'S. ————

Location GNU WEBSTER Date 3/28/02
 Project / Client TDD - 01-10-0010 / EPA

1401 START HALL PERFORMS A
 PERIMETER SURVEY. ——— Q
 1532 START HALL IS ASKED BY OSC
 FREE AS TO WHAT START HALL
 WOULD ESTIMATE THE TOTAL
 GULF COUNT TO BE ON SITE.
 START HALL STATES THAT BECAUSE OF
 LACKING HB HAS STAYED AWAY
 FROM THAT DATA AND WOULD ONLY
 VENDOR A BEST GUESS. ——— Q
 1630 START HALL COMMENTS FOR DAY
 WITH THE DE OF OSC FREE.

3/28/02
 END OF DAY
 NOTES.

Location GNU WEBSTER Date 3/29/02
 Project / Client TDD # 01-10-0010 / EPA

0650 START HALL ARRIVES ON SITE.
 0700 START HALL PARTICIPATES
 IN U.S. ECOLOGY'S SAFETY
 BRIEF: TOPIC SITES AND TRIPS.
 0830 START HALL DOWNLOADS PDR
 TABS FROM PREVIOUS DAY AND
 NOTES NO PARTICULATES DUST
 ACTION LEVELS WERE OBTAINED.
 0917 START HALL DEPLOYS (5) PDRS
 ON PERIMETER FOR 24 HRS.
 1050 START HALL CONDUCTS PERIMETER
 SURVEY. ——— Q
 1130 START HALL CHECKS ORIENTATION
 OF DE OF PDR'S ——— Q
 1150 LUNCH BREAK ——— Q
 1300 END OF LUNCH ——— Q
 1425 START HALL TAKES PICTURES
 OF U.S. ECOLOGY PREPARING
 FOR CEMENT DELIVERY. ——— Q
 1530 START HALL TAKES PICTURES
 OF CEMENT DELIVERY. ——— Q

3/29/02

Location

GNI WEBSTER

Date

3/29/02

Project / Client

TDD # 01-10-0010 / EPR

1545 START HALL SHARES 3 SETS
PHOTOS WITH U.S. ECOLOGY.
1615 START HALL ASKS BY DISC
E2F8 ABOUT GAZONING ACCESS
TO THE NUSA ROAD & BETHLEHEM.
START STATES THAT HE
IS WAITING ON A PHONE CALL
FROM THE TOWN.
1705 START WITH LAMBS FOR THE
DAY

END OF
DAYS NOTES.

Location







GNI WEBSTER

Date

3/30/02

Project / Client

TDD # 01-10-0010 / EPR

0610 START HALL ARRIVES ON SITE.
0630 START HALL DOWNLODS PDL TAGS
FROM PREVIOUS DAY AND THE
DEPLIS (5) PDL. 
0700 START HALL PARTICIPATES IN
U.S. ECOLOGY SAFETY BRIEF.
TALK PROPER USE OF FILES
EXTINGUISHERS. 
0730 START HALL INITIATES A
DEPLIS OF THE SETS COMPUTER
0945 START HALL COMPLETES DEPLIS.
1000 START HALL COMPLETES PHOTOS.
1055 START HALL COMPLETES
PERIMETER SURVEY. 
1130 LUNCH BREAK 
1230 END OF LUNCH 
1250 START HALL CHECKS PDL
FUNCTIONS. 
1330 START HALL COMPLETES SETS
PHOTOS IN WEBSTER PHOTO
MOUNTAIN.
1630 START HALL COMPLETES ROADWAY

END OF
DAYS NOTES

0600 START HALL AREZUS ON STPS.
 0615 START PREPARES PDR'S FOR PAYS
 DATA LOGGING. ————
 0700 START HALL PARTICIPATES IN
 U.S. ECOLOGY'S SAFETY BRIEF.
 TOPIC IS HEAT STRESS.
 0745 START HALL CHECKS FUNCTION
 OF PDR'S AND RETURNS ————
 PREVIOUS DATA. ————
 0841 START TAKES 7 SNEAK
 SAMPLES FROM VARIOUS STPS
 ON THE STPS. ————
 0957 START HALL ASKS EPA-MODEL
 TO CALCULATE LUMIN 2929 SD
 THAT HE CAN QUANT SAMPLES
 ON TAZIS DATA. ————
 1030 START HALL CONSULTS DATA
 FOR PHOTO TRACKER SOFTWARE.
 LUNCH BREAK. ————
 1300 END OF LUNCH. ————
 1305 START HALL CHECKS INSTRUMENT
 FOR SNEAK TEST SAMPLES ————

1301 START HALL COUNTS SNEAK SAMPLES
 FROM 3230Z. ————
 BLANK 08, 854, 08, 59 B, 08, 41 B
 SAMPLE 1: 1P, 56 BETA
 SAMPLE 2: 0 ALPHA, 46 BETA
 SAMPLE 3: 0 ALPHA, 57 BETA
 SAMPLE 4: 0 ALPHA, 44 BETA
 SAMPLE 5: 0 ALPHA, 51 BETA
 SAMPLE 6: 0 ALPHA, 50 BETA
 SAMPLE 7: 0 ALPHA, 48 BETA
 THE LUMIN 3030 WAS USED TO
 COUNT THE SAMPLES. EPA-MODEL
 CALCULATED THE 3030 US206 SR90
 # 9920 @ 17039 DPM @ 9-22-99 FOR BETA
 BACK GROUND

Alpha	BETA	Alpha	BETA
42 cpm	8	6748 cpm	
45 cpm	7	6550 cpm	
50 cpm	6	6646 cpm	
$\bar{x} =$	$\bar{x} =$		

Calibration Alpha ES#9921 @ 10,0021 DPM
 on 9/27/99

Alpha	BETA
3187	369 cpm
3448	383 cpm
3216	384 cpm

3216 384 cpm 4/4/02

Location GNUI WEBSTER Date 4-1-02
 Project / Client EPA / TDD #01-10-000

1530 START DOES A PERIMETER
 SURVEY. QD
 1600 START HALL CHECKS PDR OBSERVATION.
 1730 START HALL CHECKS SITE FOR DR.

Location GNUI WEBSTER Date 4-2-02 145
 Project / Client TDD #01-10-0010 / EPA

0645 START HALL ARRIVES ON SITE.
 FOR THIS DAY. QD
 0700 U.S. ECOLOGY STREET BRIDGE
 TOPIC HALL STRESS. QD
 0730 START HALL DEPLOYS 4 MORE
 FOR THE DAY AND NOTES
 THAT DDE #4075 IS QD
 HAVING ELECTRONIC PROBLEMS
 AND MUST BE SENT FOR SERVICE
 0736 START HALL STRETCHES FOR, PORT
 CHLORINATION SOURCES FOR THIS
 EPA RADIATION EQUIPMENT, VIA
 THE FURNACE. QD
 0825 START HALL CONDUCTS ASSESS
 BACK. QD
 0830 START Rustin arrives on site
 0840 START Hall departs from site
 0848 START Rustin photographically
 documents separation of
 wastes into red-off boxes
 with lift. QD
 0855 START Rustin changes badges
 of JKE representative and
 EPA FDS. QD
END

4/1/02
 END OF
 DRS WORKS

9903 START notes that US Ecology is moving sources in Bldg 3 so that sources can be "shot" later in the day. Fence locking mechanisms are being installed on gates by fencing contractors. 1030 START notes that US Ecology has move away from Bldgs USAEC representative informs START that US Ecology "hit a copper pipe and that there is concern that it could be a gasoline." (AK) (AK)

1000 Lunch Break (AK)

1300 Return from Lunch Break

1300 Reliant Energy offsite.

1300 START Restivo and EPA ORITA

more conduct perimeter survey

Station 1 1400 Station 2 1400, Station

1720 START HALLABAYS STCS WITH

START RESTIVO. (AK)

4/2/02
END OF DAYS WORK
3:00 OF LOG BOOK
#2

The manufacturers of "Rite in the Rain" all-weather writing products are grateful to the numerous environmental experts who have contributed to the development of this book. Should you have any additions, improvements or corrections for future publications of this field book or have suggestions for other environmental field book formats, we welcome your input.

Although much effort has been taken to insure the accuracy of the following reference pages, the J. L. Darling Corp. can not guarantee the accuracy of the data contained herein.

To provide input or solicit pricing on these or custom printed field books, contact your "Rite in the Rain" dealer or J. L. Darling Corp., 253-922-5000 or fax 253-922-5300. www.ritetherain.com

Common Field Data Error Codes

Error Codes Are Used to Explain Common Mistakes

and Are Written Above or Close to the Mistake

Commonly Used Error Codes Include:

- RE Recording Error
- CE Calculation Error
- TE Transcription Error
- SE Spelling Error
- CL Changed for Clarity
- DC Original Sample Description Changed After Further Evaluation
- WO Write Over
- NI Not Initialed and Dated at Time of Entry
- OB Not Recorded at the Time of Initial Observation

Note: Error Code Should Be Circled, Dated And Initialed When Recorded.

Hazard Classifications

- Class 1 Explosives
- Class 2 Gas
- Class 3 Flammable Liquid
- Class 4 Flammable Solids (Potential spontaneous combustion, or emission of flammable gases when in contact with water)
- Class 5 Oxidizing Substances and Organic Peroxides
- Class 6 Toxic (poisonous) and Infectious substances
- Class 7 Radioactive material
- Class 8 Corrosives
- Class 9 Miscellaneous dangerous goods

Container type abbreviations (for sampling guidelines):

- BR - Boston Round
- ABR - Amber Boston Round
- AJ - Amber Jug
- CWM - Clear Wide Mouth
- AWM - Amber Wide Mouth
- Poly - Polyethylene Bottles
- BOD Bottle