"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

Name CHAD A. HALL JR.
R.F. WESTON INC. EPA-START-II

Address Book 3

Phone

Project 713-826-5675

"Rite in the Rain" - A unique All-Weather Writing paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

Available in a variety of standard and custom printed case-bound field books, loose leaf sheets, spiral and stapled notebooks, multi-copy sets and copier paper.

For best results, use a pencil or an all-weather pen.

a product of

J. L. DARLING CORPORATION
Tacoma, WA 98424-1017 USA
(253) 922-5000 • FAX (253) 922-5300
www.RiteintheRain.com

CONTENTS

PAGE	REFERENCE	DATE
	Mike Stuart 505-259-7613	
	Bob Schoenfelder 505-837-6556 office	
	505-884-5050 West Off.	
	505-239-6799 CELL	
	GREG FIFE EPA-OSC 214-850-3579 CELL	
	ALEX PARKER (I.T.) 801-362-9661 CELL	
	JIM LANGSTED CHP (I.T.) 303-525-6703	
	303-793-5268	
	BRIAN MOORE EPA-VEGAS 702-494-7047	
	JAY Farr 505-284-3041	
	T+D in Alb. 505-540-9422	
	Gregfife@ATTBI.Com	

Reference Page Index

147 Error codes, Hazardous classifications, Container types
148 Sampling guidelines (Liquids)
149 Sampling guidelines (Solids)
150 Approximate Volume of Water in Casing or Hole, Ground Water Monitoring Well
151 PVC Pipe casing tables
152 Soil Classification
153 Soil Classification
154 Conversions (Length, Weight, Volume, Temp, etc...)
155 Conversions (Concentrations, Volume/Flow or Time, Velocity, Acceleration)
156 Maximum Concentration of Contaminants for the Toxicity Characteristic

Location GNI WEBSTER Date 4-3-02

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

0630 START HALL ARRIVES ON SITE.

0655 START HALL PREPARES PDR'S FOR DOWN LOAD. CC

0700 U.S. ECOLOGY HAS A SAFETY BRIEF TOPIC SLIPS AND TRIPS. CC

0715 START HALL DOWNLOADS PDR'S TAG FROM PREVIOUS DAY. CC

740 START HALL NOTES THAT NO PDR RECORDED A READING OF ≥ 2.0 mg/m³ FROM THE PREVIOUS DAY

0800 START HALL DEPLOYS PDR'S TO THE FOLLOWING SAMPLE POINTS:
PDR # 4199 AT SAMPLE POINT #5
PDR # 4201 AT SAMPLE POINT # 3
PDR # 4202 AT SAMPLE POINT # 1
PDR # 4204 AT SAMPLE POINT # 19
PDR # 4421 AT SAMPLE POINT # 24

0845 START HALL TRAVELS TO TAVENOR SITE TO MEET A GPR REP AND DO A BRIEF SITE WALK.

1015 START HALL RETURNS TO GNI WEBSTER SITE. CC

CC 4/3/02

Location GNI WEBSTER Date 4-3-02

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

1115 LUNCH BREAK CC

1215 END OF LUNCH CC

1300 START HALL INFORMS OSC FIFE THAT THE GPR REPS SAY THEY CAN NOT DO AN ADEQUATE JOB WITH THE OVER GROWTH ON SITE. OSC FIFE SAID HE WOULD THINK ABOUT WHAT HE WANTS TO DO. CC

1341 START HALL CHECKS THE PDR OPERATION. CC

1400 START HALL INFORMS U.S. ECOLOGY THAT EPA-START WOULD BE DOING WORK IN BUILDING 2 STARTING ADDITIONAL DOCUMENT SCANS.

1418 START HALL COMPLETES A SITE WALK. CC

1645 START HALL LEAVES FOR THE DAY. CC

CC 4/3/02

END OF DAYS NOTES.

Location GNI WEBSTER Date 4-4-02

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

0640 START HALL ARRIVES ON SITE.

0700 START HALL PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF TOPIC: CONFINED SPACE ENTRY.

0740 START HALL DEPLOYS PDRS TO THE FOLLOWING SAMPLE POINTS.

4199 SAMPLE POINT #5 —

4201 SAMPLE POINT #3 —

4202 SAMPLE POINT #1 —

4204 SAMPLE POINT #24 —

4421 SAMPLE POINT #25 —

0815 START HALL REVIEWS PHOTOS FROM SITE. —

0900 START HALL REVIEWS DOSIMETRY LOGS AND CALLS SUNTRAC SERVICES FOR CLARIFICATION OF TWO SETS OF BADGES BEING RECEIVED BY ICN DOSIMETRY FOR READING.

1000 START HALL GETS ON AN ER CONFERENCE CALL FOR START-2 REGION 6. —

4/4/02

Location GNI WEBSTER Date 4-4-02

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

1100 START HALL COMPLETES THE ER CONFERENCE CALL. —

1130 LUNCH BREAK —

1230 END OF LUNCH —

1320 START STARTS A PERIMETER SURVEY. —

1448 START HALL CHECKS FUNCTION OF PDR MONITORS. —

1527 START HALL CONFIRMS WITH U.S. ECOLOGY'S TIM MOCK THAT U.S. ECOLOGY WILL PUT UP PLASTIC IN BLDG. 1 ROOM 5 FOR WESTON TO SCAN IN. —

1532 START HALL MAKES SURE THAT OSC PIFE IS OK WITH START AND U.S. ECOLOGY WORKING TOGETHER UNDER ONE K.W.P. AND U.S. ECOLOGY PREPARING THE ROOM FOR START. OSC PIFE STATES THAT ALL ACTIONS ARE ACCEPTABLE. —

4/4/02

Location GNI WEBSTER Date 4-4-02

Project / Client TDD # 01-10-000/EPA

1610 START HALL COLLECTS PDRs FOR THE END OF DAY. —— ⊘

1645 START HALL LEAVES FOR THE DAY. —— ⊘

END OF DAYS NOTES

Location GNI WEBSTER Date 4-9-02

Project / Client TDD # 01-10-000/EPA

0530 START HALL ARRIVES. —— ⊘

0538 START HALL CHANGES BATTERIES IN PDR'S AND WALKIE TALKIES.

0600 START HALL UNLOADS NEW RAS-1 AFR SAMPLERS. —— ⊘

0630 START McSHANE AND WALZER ARRIVE ON SITE. —— ⊘

0640 START HALL PROVIDES A SITE SAFETY OVERVIEW TO START WALZER AND McSHANE TO INCLUDE SITE ACTIVITIES, START WORK LOCATION, US ECOLOGY WORK LOCATION, AND ENTRANCE INTO RAD AREA BY WESTON - START UNDER U.S. ECOLOGY R.W.P.

0700 START PARTICIPATES IN U.S ECOLOGY'S SAFETY BRIEF TOPIC: HEAT STRESS. —— ⊘

TOM WALZER [signature] 4-9-02

JOE McSHANE [signature] 4-9-02

CHAD HALL [signature] 4-9-0

Location GNI WEBSTER Date 4-9-02
Project / Client TDD# 01-10-0010/EPA

0720 START HALL DEPLOYS 5 PDR'S FOR THE DAY AT THE PREVIOUS SAMPLE SITES NOTED.

0800 START HALL INSTRUCTS START WALZER + McSHANE TO GO AHEAD AND READ THE R.W.P AND PREPARE FOR ENTRY.

0835 START HALL SHOWS START WALZER AND McSHANE THE ENTRY/EXIT SHACK AT THE PERIMETER. START HALL ALSO INITIATES WITH U.S. ECOLOGY CATHY CORBETT THAT WESTON-START IS UNDER HER CARE ONCE ~~[illegible]~~ THE LINE FOR WORK.

0852 START HALL PROVIDES U.S. ECOLOGY CATHY CORBETT WITH A COPY OF START'S CALIBRATION RECORD FOR THE TWO BICRON METERS TO BE USED INSIDE THE WORK AREA. START HALL NOTES THAT MS. CORBETT WANTS TO CHECK START'S INSTR. WITH U.S. ECOLOGY'S SOURCES TO ENSURE PROPER WORKING FUNCTION.

4/9/02

Location GNI WEBSTER Date 4-9-02
Project / Client TDD # 01-10-0010/EPA

0925 START WALZER AND McSHANE ENTER BLDG. 1 TO SET UP FOR SCANNING OPERATION.

0952 START HALL CONTACTS START WALZER VIA WALKIE TALKIE AND ASKS HIM TO RETRIEVE THE FIRE EXTINGUISHER LEFT IN BLDG 1 BY START BACK IN JANUARY 2002. START WALZER RETRIEVES IT. START HALL ASKS HIM TO CHECK AND SEE IF CERTIFICATION IS STILL GOOD. START WALZER STATES THE CERT. TAG EXPIRED IN FEBRUARY 2002. START HALL REQUEST THAT START WALZER COME TO THE RAD. BOUNDARY AND START HALL WOULD PROVIDE A PROPERLY CERTIFIED CURRENT EXTINGUISHER. START WALZER COMPLIES.

4/9/02

Location WEBSTER GNI Date 4-9-02

Project / Client TDD # 01-10-0018 / EPA

1000 START HALL RUNS EXTENSION CORDS FOR RAS-1 SAMPLERS, ON THE OUT SIDE PERIMETER FENCING; NORTH, SOUTH, EAST + WEST.

1115 Lunch BREAK FOR START CREW.

1215 END OF LUNCH. ——— CC

1245 START WALZER + McSHANE DON PPE AND PREPARE TO RE-ENTER BLDG 1. ——— CC

1246 START CONDUCTS PERIMETER SURVEY.

1322 START HALL IS CONTACTED BY OSC FZFB BY CELL PHONE. OSC FZFB ASKED START HALL TO GO TO HIS SITE TRAILER AND TURN HIS COMPUTER ON AND LOG ON TO NOVELL NETWORK SO THAT EPA'S IT DEPT COULD ACCESS ITS COMPUTER REMOTE.

1450 START HALL ASKS USACE McCoy IF THE POISON IVY COULD BE KILLED ON SITE. ——— CC

1625 START HALL IDENTIFIES POISON IVY WITH DAVE CORBETT ——— CC

1709 START WALZER, HALL, McSHANE LEAVE SITE.

CC 4/9/02 END OF DAYS NOTES

Location GNI WEBSTER Date 4-10-02

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

0640 START HALL + RESTIVO ARRIVE ON SITE. ——— CC

0655 START WALZER ARRIVES ON SITE. ——— CC

0700 START HAS ITS OWN SAFETY MEETING AND DISCUSSES HEAT STRESS INSIDE THE BUILDING.

ANGELA RESTIVO X ———

Tom Walzer X ———

CHAD HALL X ——— CC

0745 START HALL INFORMS U.S. ECOLOGY C. CORBETT AND I.T.'s JIM LANGSTED WILL NOT PARTICIPATE IN U.S. ECOLOGY'S MORNING BRIEF WHEN IT IS NOT APPLICABLE TO WESTON'S WORK FOR THAT DAY. I.E. SAFETY BRIEF ON POISON IVY WHEN WESTON IS WORKING INDOORS AT IS THE CASE THIS DATE. ADDITION, START HALL INFORMS Ms. CORBETT THAT SHE WILL SOURCE CHECK WESTON

CC 4/10/02

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

0745 CONT'D RAD INSTRUMENTS EACH DAY SO THAT ONE SET OF DOCUMENTS CAN BE KEPT FOR RADIATION WORK AREA ENTRY. MS. CORBETT ASKED WHY WESTON PERSONNEL FRISKS THE WAY THEY DO, KEEPING THE DETECTOR MOVING SLOWLY OVER THE BODY SURFACE AND START HALL TOLD MS. CORBETT THAT IS AN ENTIRE BODY FRISK AND IS WHAT WILL BE DONE.

0800 START HALL ACCOMPANIES TDH REPS CAROL LEITEL AND SHARON FARRES TO THE GNI TAVENOR SITE SO THAT TDH COULD CHANGE OUT THE STATES TLD BADGES ON THE PERIMETER FENCES.

0910 START HALL RETURNS TO GNI WEBSTER.

4/10/02

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

0930 START HALL CHECKS ON WESTON EMPLOYEES INSIDE BUILDING 1 VIA WALKIE TALKIE. START WALZER RESPONDS THAT HE AND START RESTIVO ARE DOING FINE.

1012 START HALL COMPLETES A SITE WALK.

1050 START HALL CHECKS OPERATION OF THE 5 PDR's Deployed ON SITE.

1130 LUNCH BREAK

1245 END OF LUNCH

1352 START HALL PREPARES MORE SITE PHOTOS IN PHOTO TRACKER

1551 START HALL IS ASKED BY I.T.'s JIM LANGSTED IF START COULD PROVIDE HIM WITH A COUPLE OF PHOTO'S OF THE GNI BUILDING OF WEBSTER. START HALL AGREED TO DO SO.

1645 START LEAVES FOR THE DAY.

4/10/02 END OF DAYS NOTES.

Location GNI WEBSTER Date 4-11-02

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

0640 START HALL ARRIVES.

0647 START McSHANE ARRIVES

0659 START WALZER ARRIVES

0700 START PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF TOPIC: LADDER SAFETY. START HALL ALSO REMINDS START TEAM OF HEAT STRESS.

0730 START HALL INSTRUCTS START WALZER AND McSHANE ON HOW TO RETRIEVE DATA FROM A PDR DUST MONITOR AND HOW SET TO PULL TAGS FOR THE DAY AND RECORD THEM.

0840 START HALL FINISHES DEPLOYING PDR'S AND ZERO AIR CALIBRATION OF THEM (5) BEFORE DEPLOYMENT.

0900 MR. LANGSTED INFORMS START HALL THAT A CONTAMINATED HEPA UNIT HAS BEEN BROUGHT OUTSIDE BLDG 3 AND PLACED ON THE GROUND.

4/11/02

Location GNI WEBSTER Date 4-11-02

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

0915 START HALL TAKES BOUNDARY READING DIRECTLY PERPEND. TO LEAD BOX THAT CONTAINS THE HEPA UNITS. READING WAS ~.9 mR ON A MODEL 19 LUDLUM MICRO R METER.

0916 START HALL TAKES PICTURES OF LEAD BOX AND LEAD BOXES BEING MOVED TO ACT AS ADDITIONAL SHIELDING.

1015 START HALL CHECKS OPERATION OF PDR'S.

1030 START HALL CALLS START WALZER + McSHANE OUT OF BUILDING FOR A BREAK. START HALL NOTES THAT BOTH HAD BEEN INSIDE FOR 1 HOUR 45 MINUTES.

1040 START HALL INSTRUCTS WALZER AND McSHANE TO DRINK A 20 oz BOTTLE OF WATER AND SIT DOWN AND REST.

4/11/02

Location GNI WEBSTER Date 4-11-02

Project / Client TDD 01-10-0010 / EPA

1115 START LUNCH BREAK. —— CQ

1215 END OF LUNCH. —— CQ

1300 START HALL MONITORS START McSHANE AND WALZER RE-ENTERING THE BLDG 1 TO SCAN DOCUMENTS. —— CQ

1340 START PERFORMS PERIMETER SURVEY. —— CQ

1400 JIM LANGSTON AND U.S. ECOLOGY ROLL LEAD BOX 1 & 2 OUT OF THE PERIMETER USING THE FORKLIFT. U.S. ECOLOGY WEIGHED THE CRATE OF THE FORK LIFT, BUT DID NOT WEIGH EITHER BOX CQ UPON EXITING RAD WORK PERIMETER. START HALL USED A MODEL 19 WALLUM SERIAL #91549 AND TOOK A READING AT TWO AND FEET. BOX 1 HAD A READING OF 2mR + BOX 2 HAD A READING OF 3mR. THE EAST FENCE AND NORTH FENCE LINE WERE 100mR/hr & 125mR/hr R FOR BOX 1 + THE BOX 2. —— CQ

CQ 4/11/02

Location GNI WEBSTER Date 4-11-02

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

1605 START HALL COUNTS SMEAR SAMPLES FROM 4-1-02. —— CQ

Calibration from EPA-MOORE used for BASE. Empty tray count: 0γ, 45β + 0γ, 54β & 0γ, 41β —— CQ

BLANK SAMPLE 1 γ, 37β, 0γ, 47β, 0γ, 45β

SAMPLE 1: 0γ, 44β —— CQ

SAMPLE 2: 0γ, 35β —— CQ

SAMPLE 3: 0γ, 60β —— CQ

SAMPLE 4: 0γ, 35β —— CQ

SAMPLE 5: 1γ, 45β —— CQ

SAMPLE 6: 0γ, 42β —— CQ

SAMPLE 7: 0γ, 42β —— CQ

SAMPLE 8: 0γ, 40β —— CQ

1630 START HALL PROVIDES EPA-MOORE AN UPDATE ON SITE ACTIVITIES WEEK TO DATE. —— CQ

1720 START LEAVES FOR THE DAY.

CQ 4/11/02

END OF DAYS NOTES.

Location GNI WEBSTER Date 4-12-02

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

0645 START HALL ARRIVES ON SITE.

0700 START MCSHANE AND HALL PARTICIPATE IN U.S. ECOLOGY'S SAFETY BRIEF TOPIC WAS CONFINED SPACE ENTRY.

0730 START MCSHANE PULLS PDR'S FROM FENCE LINE FOR DOWNLOAD AND SERVICE. ——— @

0800 START HALL DEPLOYS 5 PDRS TO PERIMETER LINE PDR 4199 to SAMPLE SPOT #5, PDR 4201 to SAMPLE #3, PDR 4202 TO SAMPLE #1, PDR 4204 SAMPLE #23, PDR 4421 TO SAMPLE ~~4424~~ OR #24. ——— @

0815 START MCSHANE WEATHERIZES ELECTRIC PLUG ENDS ON SOUTH AND WEST FENCES. ——— @

0845 START HALL COMPLETES A SITE WALK WITH START MCSHANE.

0925 START TEAM CONDUCTS A PERIM. SURVEY OF SITE. START HALL INSTRUCTS START WALZER AND MCSHANE ON USE OF LUDLUM MODEL 19 METER. ——— @

4/12/02

Location GNI WEBSTER Date 4-12-02

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

1017 START HALL INSTRUCTS START MCSHANE ON BACKSCATTER OF RADIATION AND SHINE. ——— @

1112 START HALL CHECKS OPERATION OF PDRS ON PERIM FENCE.

1130 START WALZER AND MCSHANE BREAK FOR LUNCH. ——— @

1230 START WALZER AND MCSHANE RETURN FROM LUNCH. ——— @

1245 START HALL BREAKS FOR LUNCH. ——— @

1345 END OF LUNCH. ——— @

1428 START HALL CALLS VIA WALKIE TALKIE TO START WALZER AND MCSHANE AND INFORMS THEM TO COME OUT OF THE ZONE AS SOON AS ENTRY HITS 1 HOUR.

1441 START WALZER AND MCSHANE EXIT BLDG 1 COMPLETING 1 HOUR ENTRY. ——— @

4/12/02

Location GNI WEBSTER Date 4-12-02

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

1500 START HALL SENDS START WALZER AND McSHANE HOME FROM SITE FOR WEEKEND.

1522 START HALL GIVES USACE McCOY PICTURES OF MOBILE CASK THAT MR. McCOY ASKED TO HAVE SCANNED.

1603 START HALL CHECKS PDR OPERATION.

1638 EPA-MOORE RETURNS STARTS RAS-1 AIR SAMPLER

1710 START LEAVES FOR THE DAY.

4/12/02

END OF DAYS NOTES

Location GNI WEBSTER Date 4-13-02

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

0650 START HALL ARRIVES ON SITE.

0700 START HALL PARTICIPATES IN U.S. ECOLOGY SAFETY BRIEF TOPIC: THERE WASN'T ONE.

0730 START HALL PROVIDES HIMSELF A SAFETY BRIEF ON SUNSCREEN AND HEAD COVERINGS.

0745 START HALL PROVIDES USACE McCOY WITH THE 4 DOCUMENTS EMAILED BY OSC FIFE TO START, WITH INSTRUCTIONS TO GIVE TO THE I.T.S GROUP.

0830 PDR's PLACED ON FENCE

0845 START HALL TAKES PICTURES OF U.S. ECOLOGY GUZING ON SUPPLIED AIR TO MAKE AN ENTRY INTO BLDG 2 ROOM 17 TO REMOVE DEBRIS FROM GLOVE BOX.

4/13/02

Location GNI WEBSTER Date 4-13-02

Project / Client TDD 01-10-0010 / EPA

1000 AN ATTEMPT BY US ECOLOGY, NOTED BY START HALL, IS MADE TO FRESH AIR FILL THEIR CASCADE SYSTEM. THE ATTEMPT IS TERMINATED AT APPROX 1010 DUE TO INSUFFICIENT KNOWLEDGE OF THE POWER GENERATOR RE-FILL SYSTEM. US ECOLOGY'S BRUCE, ADAM + TIMOTHY DISCUSS WHETHER THE CASCADE SYSTEM ACTUALLY RE-PRESSURIZED OR NOT, NOTING THAT (2) VALVES ON THE SYSTEM READ 4000 psi AND 5000 psi RESPECTFULLY. NONE OF THE OPERATORS OF THE SYSTEM APPEARED TO BE THE COMPETENT PERSON OR TRAINED ADEQUATELY IN FILLING PRESSURIZED CYLINDERS. ——— CQ

START HALL ADDITIONALLY NOTES THE SYSTEM WAS RESTARTED BY U.S. ECOLOGY AT 10:12 TO ATTEMPT A RE-FILL. ——— CQ

4/12/02

Location GNI WEBSTER Date 4-13-02

Project / Client TDD 01-10-0010 / EPA

1025 START HALL NOTES THAT GENERATOR IS STILL RUNNING ON CASCADE SYSTEM. ——— CQ

1105 USACE McCOY STATES THAT ALL ISSUES HAVE BEEN WORKED OUT WITH AIR RE-GENERATE.

1200 BNOOF LUNCH ——— CQ

1300 U.S. ECOLOGY ENTERS ON SUPPLIED AIR AGAIN. ——— CQ

1530 U.S. ECOLOGY ENTRANTS REPORT SMELLING OZ IN SIDE THEIR BUBBLE HOODS. ——— CQ

1600 U.S. ECOLOGY EXITS THE BLDG 2 AND ENDS SUPPLIED AIR.

4/12/07

END OF DAY NOTES

Location GNI WEBSTER Date 4-15-02

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

0700 START NOTES HE ARRIVED ON SITE AT 0615 THIS DATE. START PARTICIPATES IN U.S. ECOLOGY — SAFETY BRIEF TOPIC HEAT STRESS. START HALL RETROENTRY. START WALZER AND MCSHANE ARRIVED ON SITE AT 0645 THIS DATE. —

0730 START HALL INFORMS START WALZER AND ~~RESTIVO~~ MCSHANE THAT OVERALL SAFETY INSIDE BLDG 1 NEEDS TO BE MONITORED, FOR THEIR SAFETY, BY EACH OF THEM.

JOE MCSHANE

TOM WALZER

0810 RBJ SAFETY ARRIVES ON SITE TO PICK UP CASCADE SYSTEM AND GENERATOR.

0820 U.S. ECOLOGY SWIPES AIR HOSES TO RELEASE BACK TO RBJ. NO RBJ REP, EITHER MARK OR SHAWN B., STEPPED OVER/UNDER THE RAD WORK LINE AT SAMPLE POINT 3 AND TOUCHED A HOSE THAT HAD

4/15/02

Location GNI WEBSTER Date 4-15-02

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

0830 BEEN IDENTIFIED AS ALPHA CONTAMINATED. START HALL INFORMED U.S. ECOLOGY'S BRUCE M. THAT THE RBJ REP HAD DONE SO. MR. MOFFITT HAD THE RBJ REP SCANNED FOR ALPHA AND BETA CONTAMINATION AND THE RESULTS WERE NEG.

0915 RBJ REPS LEAVE THE GNI WEBSTER SITE.

0940 START HALL SETS OUT RAS-1 SAMPLER # ON THE NORTH WEST CORNER OUTER PERIMETER FENCE TO COLLECT A BACKGROUND AIR SAMPLE. IT IS NOTED BY START HALL THAT THE CLOSE PROXIMITY OF THE SAMPLER IS DUE TO THE INABILITY TO USE A POWER CONVERTER TO RUN THE SAMPLERS. THE START TIME WAS 0940 AND INITIAL LPM WAS 90 C.P.M.

4/15/02

Location GNI WEBSTER Date 4-15-02

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

1025 START HALL CHECKS — CC
OPERATION OF RAS1 - SAMPLER
OPERATION IS GOOD LPM IS 90 lpm
1035 START HALL CHECKS PDR OPERATION
1045 START HALL CALLS START WALZER AND McSHANE AND INFORMS THEY HAVE BEEN AN HOUR. — CC
1100 START EXITS THE BLDG. — C
1120 LUNCH BREAK — CC
1220 END OF LUNCH. — CC
1245 START WALZER AND McSHANE ENTER BLDG 1. — CC
1320 START HALL CHECKS PDR OPERATION.
1400 START WALZER AND McSHANE EXIT FROM BLDG. 1. — CC
1515 START WALZER AND McSHANE TRANSFER DATA FILES FROM DAYS SCAN. — C
1600 START HALL + McSHANE PERFORM PERIM SURVEY
1645 START WALZER AND McSHANE LEAVE SITE
1740 START HALL STORS BACKGROUND SAMPLES NOTES FINAL DRAW @ 901 P.M. — C
1800 START HALL LEAVES SITE. — CC

CC / 4/16/02 END OF DAILY NOTE

Location GNI WEBSTER Date 4-16-02

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

0630 START HALL ARRIVES ON SITE. — CC
0645 START McSHANE ARRIVES ON SITE.
0700 START HALL McSHANE PARTICIPATE IN U.S. ECOLOGY SAFETY BRIEF TOPIC: AIRLINE LAYING ON GROUND, DO NOT STAND ON THEM. — CC
0715 START HALL DOWNLOADS PDR INFO AND ZERO AIR BLANKS ALL 5 PDRs — CC
0735 PDR 4199 ZEROED OK — C
0740 PDR 4204 ZEROED OK — C
0741 PDR 4201 ZEROED OK — CC
0741 PDR 4202 ZEROED OK — CC
0741 PDR 4201 ZEROED — CC
0745 START McSHANE CHECKS OUT NEW RAS-1 AIR SAMPLERS THAT ARRIVED ON SITE. — C
0746 START HALL DEPLOYS PDRs AT THE PREVIOUS DESCRIBED SAMPLE STATIONS. — CC
0820 START ~~HALL~~ WALZER AND McSHANE ENTER BLDG 1. — C

CC / 4/16/02

Location GNI WEBSTER Date 4-16-02

Project / Client TDD 01-10-0010 / EPA

0825 START HALL CHECKS OPERATION OF PDR'S.

0900 U.S. ECOLOGY REMOVES HEPA FILTER FROM BOX 2 B-25 TO PLACE IN FINAL SHIPPING B-25.

0930 U.S. ECOLOGY DETERMINES THAT HEPA UNIT WILL NOT FIT IN B-25 AS IS.

1015 START WALZER AND McSHANE EXIT BLDG 1.

1045 U.S. ECOLOGY MOVES HEPA UNIT INTO WAREHOUSE OF BLDG 2 UNTIL MODIFICATIONS CAN BE MADE TO B-25 BOX

1115 LUNCH BREAK

1215 END OF LUNCH BREAK

1300 START HALL CONDUCTS PERIMETER SURVEY WITH START McSHANE AND WALZER.

1400 START HALL IS INTRODUCED TO EPA-CID OFFICERS GUY TIDMORE AND ANDY YEE.

1505 EPA-MOORE, START HALL AND START

Location GNI WEBSTER Date 4-16-02

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

1505 CONT'D EPA-GUY DRESS OUT IN PPE AND ENTER BLDGS 1,2,3

1635 EPA AND START FINISH BLDG HOP.

1645 OSC FIFE INSTRUCTS START HALL THAT START WILL DOCUMENT ALL DOWN HOLE WORK DONE INSIDE BLDG. 1,2,3 SPECIFICALLY. OSC FIFE STATES DOCUMENTATION SHOULD INCLUDE, HOLE DEPTH, AND CIRCUMFERENCE, TYPE OF CASING, TYPE OF PUMP SOLID, LIQUID ETC. IF A SOURCE WAS IN IT, ~~INTEGR~~ INTEGRITY OF CASING. START HALL STATES TO OSC FIFE THAT THE DOCUMENTATION WILL OCCUR AS NEEDED AND WORK IS DONE

1650 START HALL COLLECTS T.L.D. # 1502061321 #48 FROM EPA GUY TIDMORE PROVIDED FOR RAD MONITORING.

4/16/02 END OF DAYS NOTES.

Location GNI WEBSTER Date 4-17-02
Project / Client TDD # 01-10-0010 / EPA

0620 START HALL ARRIVES ON SITE.
0630 START HALL RETRO NOTES THAT START WALZER AND McSHANE LEFT SITE AT 1700 PREVIOUS DAY AND START HALL LEFT AT 1745.
0645 START McSHANE AND WALZER ARRIVE ON SITE FOR DAY.
0700 START PARTICIPATES IN U.S. ECOLOGY SAFETY BRIEF: OVERHEAD HAZARDS.
0702 START HALL DOWNLOADS PDR INFO AND DEPLOYS 5 PDRS FOR DAY AT PREVIOUS MENTIONED SAMPLE POINTS.
0730 START HALL PROVIDES J.T. PARKER WITH A POCKET DOSIMETER #3050475 SO THAT J.T.'S TOM CROUSHER MAY USE IT INSIDE THE RADIATION WORK AREA FOR THE DAY.
0812 START Hall and START Restivo field testing Ras-1 Serial # (EPA) 409037-217 calibrated on 4/8/02 Model 0524399-618DX GAST Serial # 1292

Location GNI WEBSTER Date 4-17-02
Project / Client TDD # 01-10-0010 / EPA

located at Station 23 on the ground under PDR.
0815 Initial flow 85 LTM. Forklift running approximately 27 feet away.
0819 Field Testing Ras-1 at location 18 Serial # 408667-3 calibrated on 4-8-02, GAST Serial # 0591. During todays field testing units will be located on the ground.
Late entry to log: START Hall informs US Ecology of sample location and need to have forklift moved.
0826: START Hall informs OSC Fife of forklift situation and requests that forklift be moved.
0835 Forklift repair man arrives on site. START Restivo again requests that US Ecology move forklift away from air sampler. US Ecology complies and moves forklift North of Break trailer.

Location GNI Webster Date 04/17/02

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

Late entry to log: START Restivo arrives on site at 0710 and conducts Safety Meeting weather: 80° partly cloudy, humidity Hazards: Slips/trips/falls, heat stress, Radiation, overhead hazards

Radiation hazards: Alpha, Beta, Gamma, Neutron.

Level of Protection: Modified Level D.

Scope of Work: Site Oversight, air Sampling, air monitoring, surveying

Angela Restivo Angela

0913 START McShane and START Walzer exit ~~bu~~ Radiation zone for stress break.

0930 START Restivo checks Ras-1 field test.

START Restivo notes black substance is present on Ras-1 serial# 4098037-47 at ~~sample~~ monitoring location 23. ~~Sample~~

1023 START Restivo checks Ras-1 samplers.

Location GNI Webster Date 04/17/02

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

1100 START McShane, START Walzer, and START Restivo depart site for lunch break

1200 lunch break over return to site.

1238 START Restivo checks Ras-1 samplers.

Late entry to log: Field test sampling stations were checked and Ras-1 samplers were placed on milk crates approximately 3ft tall.

1241 START McShane, and START Walzer ~~were~~ enter building.

1309 START Restivo and McShane survey perimeter.

Sample Location	~~reading~~ reading
SL 1	160/240
SL 2	600/800
SL 3	800/800
SL 4	480/700
SL 5	300/340
SL 6	90/110
SL 7	80/90

Location GNI Webster Date 04/17/02

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

Sample	location	readings
SL	8	170 / 170
SL	9	80 / 100
	10	50 / 70
	11	50 / 90
	12	130 / 160
	13	120 / 210
	14	80 / 100
	15	50 / 60
	16	70 / 80
	17	110 / 120
	18	100 / 130
	19	60 / 60
	20	50 / 50
	21	60 / 70
	22	100 / 110
	23	100 / 120
	24	80 / 90
	25	60 / 80
	26	40 / 60
	27	80 / 100

Location GNI Webster Date 04/17/02

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

1605 START Restivo brings in Ras-1 samplers — AB

1613 START Restivo collects sample filters — AB

1732 START Restivo collects PDR monitors from monitoring locations — AB

1800 START Restivo departs from site

1830 START HALL PERFORMED A CONVERSATION WITH OSC FERG. START HALL STATED A TIME ASSESSMENT OF REMOVAL CAN NOT BE DONE BECAUSE FERG DOESN'T WANT A SAMPLE TAKEN LAYED OUT. START HALL STATES THAT SINCE OSC FERG WANTS A RECOMMENDATION ON SOIL VOLUMES AND BUILDING DEBRIS IT SHOULD BE DONE. OSC FERG STATED HE WANTS SOIL ESTIMATE AND BLDG. VOLUME OF DEBRIS AND THAT HE WANTED TO PROVES THE WORD IN THE SITE REPORT CLEAN. — AB

[signature] 4-17-02

Location GNI WEBSTER Date 4-18-02

Project / Client TDD 01-10-0010 / EPA

0500 START HALL ARRIVES ON SITE AND COLLECT PDR'S AND CHANGES BATT & ZERO ACRS ALL 5 4429, 4422, 4201, 4202 4204. ——— CC

0530 START HALL PLACES RAS-1 STANDS ON SOUTH, WEST, NORTH FENCES AT SAMPLING POINTS. ——— CC

0615 START HALL PREPARES RAS-1 Pomps ~~4086673, 409037, 457~~ CC Eberline #0591, Eberline #1292 Eberline #0195, Eberline 0292 ——— CC

0635 NOTE BY START HALL THAT PERIMETER ENVIRONMENTAL AIR SAMPLING WILL START THIS DATE PER QASP METHOD. QASP WAS PRESENTED TO OSC FOTE ON 4-16-02 who verbally approved AND ALSO SIGNED HIS APPROVAL. ——— CC Copy OF QASP IS ON FILE IN START TRAILER ON SITE GNI WEBSTER. ——— CC

4/18/02

Location GNI WEBSTER Date 4-18-02

Project / Client TDD 01-10-0010 / EPA

0700 START McSAANE AND WALZER ARRIVE ON SITE. START PARTICIPATES IN U.S. ECOLOGY SAFETY BRIEF: TOPIC: HEAT STRESS. ——— CC

0725 START HALL ACTIVATES RAS-1 AIR SAMPLE PUMPS. EBERLINE #0292 PLACED ON WEST PERIMETER AT SAMPLE POINT # STARTING L.P.M DRAW WAS 83 lpm.

0730 EBERLINE # START DRAW WAS 75 lpm ALSO PDR 4204 AT SAMPLE POINT # ON WEST FENCE.

0734 EBERLINE #1292 PLACED ON SOUTH FENCE AT SAMPLE POINT # WITH PDR #4421, STARTING DRAW RATE WAS 87 lpm.

0758 EBERLINE # WAS placed on NORTH FENCE BETWEEN SAMPLE 27 AND VEHICLE GATE, INITIAL DRAW RATE WAS 85 lpm, PDR was Deploy with the pump. ——— CC

0820 START HALL CHANGES PERM. SURVEY SHEETS TO REFLECT RAS-1 SAMPLE POINTS

4/18/02

Location GNI WEBSTER Date 4-18-02

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

0845 START HALL CHECKS OPERATION OF RAS-1 PUMPS AND PDRS. ——— @

0920 START HALL ASKS OSC FIFE HOW HE WOULD LIKE TO PROCEED ON THE TAVENOR SITE ASSESSMENT. OSC FIFE STATED HE WOULD ADVISE LATER THIS DATE. ——— @

0950 START HALL CONTACTS START WALZER AND MCSHANE AND INFORM THEM THAT THEY HAVE BEEN IN FOR 30 MINUTES. ——— @

1000 START WALZER ANNOUNCES TO START HALL THAT HE AND MCSHANE ARE EXITING BLDG. 1

1030 START MCSHANE AND WALZER EXIT BUILD EXIT. ——— @

1040 START HALL RECEIVES CELL PHONE CALL FROM CITY OF WEBSTER EMPLOYEE JAMES A. STEWART A BUILDING OFFICIAL, START HALL INQUIRES ABOUT THE POTENTIAL OF THE GNI WEBSTER SITE EVER BEING ON A SEPTIC SYSTEM

4/18/02

Location GNI WEBSTER Date 4-18-02

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

CONT'D BEFORE. MR. STEWART STATED THAT THE FACILITY HAD ——— @ ACCESS TO THE CITY'S WATER AND SEWAGE LINES AND AS FAR AS HE KNEW THEY (GNI) CONNECTED TO IT PROMPTLY.

1045 START HALL INFORMS OSC FIFE OF THE ABOVE ——— @ CONVERSATION, AND INFORMATION.

1115 START LUNCH BREAK ——— @

1230 START RETURNS FROM LUNCH

1250 START HALL CALLS OSC FIFE AND REMINDS HIM OF 1300 CONF. CALL HE IS SUPPOSED TO BE ON. ——— @

1325 START MCSHANE AND WALZER ENTER BLDG 1. ——— @

1430 START MCSHANE AND WALZER EXIT THE BUILDING. ——— @

1440 START HALL COMPLETES PERM. SURVEY AND CHECKS OP. ON ALL RAS-1 AND PDR UNITS. ——— @

1500 START MCSHANE LEAVES FOR THE DAY

4/18/02

Location GNI WEBSTER Date 4-18-02

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

1515 START WALZER LEAVES FOR THE DAY. —— CQ

1530 USACE McCoy RETURNS PDM CHEP TO START HALL —— CQ

1630 START HALL LEAVES FOR THE DAY

4/18/02

END OF DAYS NOTES.

Location GNI WEBSTER Date 4-19-02

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

0650 START WALZER, HALL, MCSHANE ARRIVE ON SITE. —— CQ

0700 START PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF TOPIC LIFTING TECHNIQUES. —— CQ

0715 START WALZER COLLECTS PDRS FOR START HALL. —— CQ

0730 START MCSHANE AND WALZER COLLECT RAS-1 SAMPLE MEDIA FROM 4 PERIM. FENCES AND INSTALL FRESH 47mm Fiber Glass SAMPLE MEDIA. —— CQ

0740 START HALL DOWNLOADS PDR INFORMATION. —— CQ

0821 START HALL DEPLOYS PDR 4201 ON NORTH FENCE WITH RAS-1 EBERLINE #0195. —— CQ

0824 START HALL DEPLOYS PDR 4499 ON WEST FENCE WITH RAS-1 EBERLINE #0591 —— CQ

0826 START HALL DEPLOYS PDR 4421 TO SOUTH FENCE WITH EBERLINE #1292 —— CQ

4/19/02

Location GNI WEBSTER Date 4-19-02

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

0834 START HALL DEPLOYS PDR 4204 ON EAST FENCE WITH RAS-1 EBERLINE 0292 — CB

0850 START HALL TRAVELS TO SUNTRAL SERVICES FOR SUPPLIES, START HALL LEAVES WALKIE TALKIE WITH EPA-MOORE AND INSTRUCT WALZER + McSHANE WHO ENTERED BLDG 1 AT 0840 TO CONTACT EPA-MOORE IF THEY NEED ASSISTANCE. — CC

1000 START HALL RETURNS TO SITE.

1020 START HALL COLLECTS 10 SWEAR SAMPLES FROM VARIOUS PLACES ON SITE. — CC

1115 START BREAKS FOR LUNCH.

1215 END OF LUNCH. — CC

1235 START HALL CHECKS PDR OPERATION.

1250 START HALL CONDUCTS A PERIMETER SURVEY. — CC

1327 START HALL CHECKS OPERATION OF PDR'S AND RAS-1. — CC

4/19/02

Location GNI WEBSTER Date 4-19-02

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

1421 START HALL CONTACTS MIKE SALAZAR WITH WESTONS ALBUQUERQUE OFFICE AND SETS UP INSTRUMENT DELIVERY FOR TAVENOR TO ENSURE THAT INSTRUMENTS ARRIVE BY FRIDAY APRIL 26, 2002. — CC

1517 U.S. ECOLOGY REPORTS THAT ONE OF THEIR EMPLOYEES HAD CONTAMINATION ON HIS BODY. — CC

1620 START HALL TAKES PICTURES OF SITE. — CC

1700 START HALL CHECKS OPERATION OF RAS-1 + PDR UNITS — CC

1820 START HALL LEAVES FOR THE DAY AND MAKES RETURN ENTRY THAT START WALZER AND McSHANE LEFT SITE AT 1530 FOR THE WEEKEND.

4/19/02

END OF DAILY NOTES

Location GNI WEBSTER Date 4/20/02
Project / Client TDD# 01-10-0010 / EPA

0700 START HALL ARRIVES ON SITE AND PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF TOPIC:
0730 START CHANGES 47mm FILTER ON WEST FENCELINE AND RESTARTS AT 0735 EBERLINE 0292 @ 71 lpm
0736 START HALL CHANGES 47mm FILTER ON SOUTH FENCE EBERLINE 1292 AND RESTARTS 0742 @ 85 lpm
0744 START HALL CHANGES 47mm FILTER ON NORTH FENCE EBERLINE #0195 AND RESTARTS AT 0748 @ 85 lpm
0751 START HALL CHANGES OUT 47mm SAMPLE MEDIA ON EAST EBERLINE #~~0292~~ 0591 @ AND RESTARTS @ 0756 @ 77 lpm
0805 START HALL DOWNLOADS PDR INFO AND 2 RAD AIRS. ——— @
0825 START HALL DEPLOYS 4199 PDR ON West, 4421 on South, 4201 ON NORTH, AND PDR 4204 ON EAST FENCE LINES IN CONJUNCTION WITH RAS-1 AIR SAMPLERS ON THOSE FENCES

4/20/02

Location GNI WEBSTER Date 4/20/02
Project / Client TDD# 01-10-0010 / EPA

0838 START CONSTRUCTS DATA BASE FOR PDR INFORMATION
1030 START CHECKS OPERATION OF RAS-1 AND PDR UNITS.
1035 START WALKS PERIMETER FENCE. ——— @
1100 LUNCH BREAK ——— @
1200 END of LUNCH BREAK ——— @
1247 START HALL CHECKS SAMPLING EQUIPMENT. ——— @
1332 START HALL INFORMS OSC FIRE THAT THE TAVENOR SCAN WILL OCCUR ON TUESDAY APRIL 30 AND SHOULD TAKE APPROX 3 DAYS ——— @
1430 START HALL STARTS PERIMETER SURVEY. ——— @
1445 START HALL NOTES AN EXTREME INCREASE IN READINGS AT SAMPLE POINT 23 ON WEST FENCE, 350 micro R/Hour @ 1M AND 390 micro R/Hr @ 2M. ———

4/20/02

Location GNI WEBSTER Date 4-20-02

Project / Client TDD 01-10-0010/EPA

1503 START HALL LOGS 1.8 mR AT SAMPLE POINT #3 AND NOTES THAT U.S. ECOLOGY'S D. COBOT EXITS BLDG 2 YELLING FOR ALL HANDS EXCEPT THE BOTTLE WATCH TO DRESS OUT ASAP AND GET INSIDE THE R.W.A. TO HAUL LEAD BLANKETS BROUGHT IN TO COVER UP WHAT-EVER WAS EXPOSED.

1530 START HALL OBSERVES U.S. ECOLOGY TIMOTHY MOCK DOFF HIS PROTECTIVE SUIT. START HALL NOTES THAT MR. MOCK DID NOT HAVE A FINGER RING DOSIMETER ON AND IT APPEARED THAT MR. MOCK DID NOT HAVE ON HIS T.L.D. EXPOSURE BADGE ON EITHER.

1710 START HALL NOTES THAT U.S. ECOLOGY MOVED (1) B-25 LEAD BOX IN FRONT OF THE BLDG. WHICH BROUGHT THE DOSE

4/20/02

Location GNI WEBSTER Date 4-20-12

Project / Client TDD 01-10-0010/EPA

CONT'D DOWN AT THE RADIATION WORK LINE TO 800 MICRO R/HOUR AT SAMPLE POINT #4 THE HIGH READING AT THAT TIME.

1725 START HALL CHECKS OUTSIDE PERIMETER FOR PUBLIC EXPOSURE NOTES THAT NORTH WALL HAD NOTHING OVER 100 MICRO R PER HOUR AT ANY POINT, THE EAST WALL HAD NOTHING OVER 200 MICRO R/HOUR AT ANY POINT, THE SOUTH NOTHING OVER 200 MICRO R/HOUR AT ANY POINT, AND THE EAST FENCE NOTHING OVER 100 MICRO R/HOUR AT ANY POINT.

1730 START HALL NOTES THAT EPA-MOORE WAS ATTEMPTING TO GATHER INFORMATION BUT U.S. ECOLOGY WAS SENDING PERTINENT CREW MEMBERS OFFSITE/HOME-

1750 START HALL LEAVES FOR DAY-

4/20/02

END OF DAILY NOTES.

Location GNI WEBSTER Date 4·22·02

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

0630 START HALL ARRIVES ON SITE.

0645 START McSHANE ARRIVES ON SITE. ——— CQ

0700 START WALZER ARRIVES ON SITE AND START PARTICIPATES IN U.S. ECOLOGY SAFETY BRIEF TOPIC: TABBING OF ROLLED TAPE ON THE R.W.A. ——— CQ

0745 START HALL UPDATES OSC FIFE TO THE CURRENT EVENTS THAT OCCURRED ON SITE ENTIRELY SATURDAY AFTERNOON. ——— CQ

0800 OSC FIFE ~~ENTERS~~ USACE TRAILER TO RECEIVE UPDATE FROM USACE McCOY, EPA-MOORE, AND I.T.'S PARKER. ——— CQ

0845 START HALL SETS EBERLINE 0592 ON WEST FENCE AND STARTS. DRAW 83 lpm

0850 SOUTH FENCE EBERLINE 1292 STARTED DRAW 90 lpm. ——— CQ

0855 NORTH FENCE EBERLINE 0195 STARTED DRAW 90 lpm. ——— CQ

4/22/02

Location GNI WEBSTER Date 4-22-02

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

0900 EAST FENCE EBERLINE 0591 STARTED, DRAW 96 lpm. ——— CQ

0915 START HALL NOTES THAT WIND IS OUT OF APPROX THE EAST.

1000 START HALL CHECKS OPERATION OF RAS-1 PUMPS. ——— CQ

1001 START HALL NOTES THAT PDR's APPEAR TO BE SATURATED WITH MOISTURE DUE TO VERY HIGH CONDENSATION ON THEM FROM TEMP AND HUMIDITY LEVELS. ——— CQ

1002 START WALZER AND McSHANE ~~EXIT BLDG~~ ENTER BLDG. EXIT BLDG AFTER BEING IN FOR 1.5 Hours.

1010 START APPROACHES OSC FIFE AND STATES THAT HE (START HALL) NEEDS TO RAISE A SAFETY CONCERN REF. THE EVENTS OF 4-20-02 WITH U.S. ECOLOGY. START HALL STATES THAT HE FELT THAT U.S. ECOLOGY TIM. MOCK

4/22/02

Location GNI WEBSTER Date 4-22-02

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

CONT'D IS UNSAFE TO HAVE WORKING IN THE RADIATION WORK AREA AND SHOULD BE REMOVED PERMANETLY FROM R.W.A. — AD
ADDITIONALLY START HALL STATED HE THOUGHT MR. MOUK WAS INTENTIONALLY CLEANING HIS RADIATION DOSIMETRY OFF HIS PERSON WHEN HE ENTERS THE R.W.A, SO THAT HIS EXPOSURE LEVEL WOULD NOT BE ACCURATE. START HALL NOTES THAT OSC FEFE ACKNOWLEDGED HIS (START HALL'S) COMMENTS. — AD
1023 START HALL EXPRESSES THE SAME CONCERNS TO EPA-MOORE. START HALL NOTES THAT EPA-MOORE HAS REGISTERED SIMILAR CONCERNS AND OTHER ONES WITH OSC FEFE, USACE McCoy, I.T.S PARKER ON THIS DATE. — AD

4/22/02

Location GNI WEBSTER Date 4-22-02

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

1115 LUNCH BREAK — AD
1215 END OF LUNCH — AD
1240 START HALL CHECKS RAS-1 PUMPS OPERATIONS ON — AD
FENCES. — AD
1310 START HALL IS ABLE TO DEPLOY 4 RDR'S ZERO AIRED TO EACH REPORT STATION. 4199 ON WEST FENCE, 4421 ON SOUTH FENCE, 4201 ON NORTH FENCE, AND 4204 ON EAST FENCE. — AD
1340 START WALZER AND McSHANE ENTER BLDG 1. — AD
1410 START HALL CONTACTS START WALZER AND McSHANE VIA WALKIE TALKIE TO CHECK THEIR CONDITION. — AD
1415 START HALL MAKES RETRO ENTRY FOR 4-20-02. START HALL TOOK THE DOSIMETER #3050475 BACK FROM I.T.S TOM CROSHER AFTER HE EXITED AFTER THE EXPOSURE, START HALL NOTES THAT THE DOSIMETER

4/22/02

Location GNI WEBSTER Date 4-22-02

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

CONT'D WHICH WAS ZEROED OUT AND RE-CHARGED, WHEN START HALL GAVE IT TO MR. CROUSHER WAS MOVED OUT WITH NO NEEDLE VISIBLE ON THE 0-200 mR SCALE

1450 START COMPLETES ASIZE SURVEY OF PERIMETER POINTS WITH A MICRO R METER. —— RL

1535 START HALL HAS START MR. SHANE CHECK ON PDR OPERATION.

1600 START WALZER AND MCSHANE LEAVE FOR THE DAY. —— RL

1622 START HALL PROVIDES EPA-MOCO WITH COPY OF SITE SURVEY. —— RL

1700 START HALL CHECKS RAS-1 PUMPS AND LEAVES FOR THE DAY. —— RL

4/22/02

Location GNI WEBSTER Date 4-23-02

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

0630 START HALL ARRIVES —— RL

0645 START WALZER ARRIVES —— RL

0700 START PARTICIPATES IN U.S. ECOLOGY SAFETY BRIEF TOPIC HEAT STRESS. —— RL

0800 START DOWNLOADS PDR & FOR PERIM.

0830 START HALL ZERO MCAS UNITS

0905 START HALL CHANGES 47mm SAMPLE MEDIA WEST FENCE AND REDEPLOYS PDR 4159, START DRAW 75 l.p.m.

0914 START HALL CHANGES SAMPLE 47mm MEDIA ON SOUTH FENCE AND 85 lpm REDEPLOYS PDR 4421. —— RL

0925 START HALL CHANGES 47mm SAMPLE MEDIA ON NORTH FENCE AND ROTAMAT DRAW AT 85 L.p.m. AND REDEPLOYS THE PDR 4201, 100 U.S. ECOLOGY IN AUDIT. —

0932 START HALL CHANGES 47mm SAMPLE MEDIA ON EAST FENCE AND DEPLOYS PDR. —— RL

1000 START HALL ACKNOWLEDGES START WALZER AND ROSTAMI ETC. AFTER 1 HOUR OF SHIFT —— RL

4/23/02

Location GNI WEBSTER Date 4-23-02

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

1030 START HALL TAKES PICTURES OF A FORKLIFT MOVING A LEAD BOX BESIDE A POWER POLE AND BRINGS THE ACTION TO THE ATTENTION OF I.T.'S GERALD ALMQUIST.

1105 START HALL CONDUCTS A SITE WALK.

1131 START HALL NOTES THAT WIND IS BLOWING FROM THE SSE AT THIS TIME.

1153 START HALL REVIEWS PICTURES FROM 4-13-02.

1210 START WALZER AND RESTIVO BREAK FOR LUNCH.

1230 START HALL BREAKS FOR LUNCH.

1310 START WALZER AND RESTIVO END LUNCH

1335 START HALL ENDS LUNCH.

1400 START WALZER AND RESTIVO ENTER BLDG. 1.

1438 START HALL CONTACTS WALZER AND RESTIVO AND INQUIRES TO HOW THEY ARE FEELING AND DO THEY WANT TO COME OUT FOR A REST.

4/23/02

Location GNI WEBSTER Date 4-23-02

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

1440 START HALL NOTES THAT ON SITE SINCE 0700 THIS DATE WERE AN I.T. SAFETY REP NAMED WAYNE? AND A U.S. ECOLOGY SAFETY OFFICER NAMED TERRY, AND CHP RUSS MYERS.

1445 START WALZER AND RESTIVO EXIT BLDG. 1.

1450 START HALL NOTES THAT U.S. ECOLOGY WAS ENTERING BLDG 1 ROOM 20 IN INCREASED LEVEL OF PPE TO INCLUDE APR'S AND THIS EVENT IS WHAT CAUSED START WALZER AND RESTIVO TO EXIT IN PREVIOUS ENTRY IN RESPONSE TO START HALL'S REQUEST TO EXIT.

1532 START WALZER AND RESTIVO REVIEW SCANN TOOLS FROM U.S. ECOLOGY AFTER BEING CLEANED.

1600 START WALZER AND RESTIVO LEAVE FOR DAY.

1700 START HALL LEAVES FOR DAY.

4/23/02 END OF DAY NOTES.

Location GNI WEBSTER Date 4-24-02

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

0655 START HALL, WALZER, MCSHANE AROUND SITE.

0700 START PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF TOPIC: OVERHEAD POWERLINES.

0800 START MCSHANE AND WALZER ENTER BLDG. 1.

0816 START HALL CHANGES FILTER MEDIA 47mm, ON WEST FENCE #0292 AND DEPLOYS PDR 4199.

0822 START CHANGES 47mm FILTER MEDIA ON SOUTH FENCE #1992 AND RE DEPLOYS PDR 4421.

0828 START HALL CHANGES 47mm FILTER MEDIA ON NORTH FENCE 0195 AND REDEPLOYS PDR 4201

0900 START HALL FILLS OUT NOI FOR WEBSTER.

0950 START HALL CHECKS PDRS OPERATION.

1000 START HALL MONITORS WALZER AND MCSHANE AS THEY RE-ENTER BLDG 1 AFTER HAVING EXITED AT 0905 AND RESTING FOR 45 MINUTES.

1030 START HALL CHECKS ON WALZER AND MCSHANE VIA WALKIE TALKIE.

4/24/02

Location GNI WEBSTER Date 4-24-02

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

1100 EPA-MOORE LETS START HALL KNOW THAT U.S. ECOLOGY HAD GOTTEN RESULTS FROM TLD'S.

1145 LUNCH BREAK

1245 LUNCH BREAK ENDED

1315 START WALZER AND MCSHANE ENTER BLDG 1.

1400 START WALZER AND MCSHANE EXIT.

1440 START WALZER RECEIVES WORD THAT HIS STUFF WILL BE SCANNED TO CLEAR THE WORK ZONE WHEN MS. CONNETT OF U.S ECOLOGY COMES OUT OF WORK ZONE.

1550 START ~~WALZER~~ MCSHANE LEAVES FOR DAY.

1610 START CHECKS PDR OPERATION.

1650 START HALL DOES ASZTO WALK.

1710 START HALL AND WALZER WALK SITE.

4/24/02

END OF DAYS NOTES.

Location GNI WEBSTER Date 4-25-02

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

0650 START HALL ARRIVES ONSITE.

0700 START HALL PARTICIPATES IN US ECOLOGY'S SAFETY BRIEF TOPIC: HOUSE KEEPING.

0800 START HALL DOWNLOADS PDR INFO AND ZERO AIRS ALL 5 PDRS.

0912 START HALL CHANGES 47mm FILTER MEDIA ON WEST FENCE #0292 AND REDEPLOYS 4199

0919 START HALL CHANGES FILTER MEDIA 47mm ON SOUTH 0292 AND DEPLOYS 4201 PDR.

0925 START HALL CHANGES 47mm FILTER MEDIA ON NORTH 0195 AND REDEPLOYS PDR 4201 0195N

0930 START HALL CHANGES 47mm FILTER MEDIA ON EAST FENCE ~~AND~~ AND RE-DEPLOYS PDR 4202.

0937 START HALL NOTES THAT OSCEFFE IS IN A MEETING ON SITE WITH 3 REPS FROM D.O.E., USACE, I.T. EPA-VEGAS, US ECOLOGY, DISCUSSING T+D OF SOME OF THE SITE WASTE STREAMS.

4/25/02

Location GNI WEBSTER Date 4-25-02

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

1010 START HALL CHECKS PDR'S OPERATION ON FENCELINE.

1100 LUNCH BREAK

1230 END OF LUNCH

1255 START HALL TRAVELS TO FED EX TO SEND A PACKAGE.

1342 START HALL NOTES HE FAILED TO DOCUMENT A CELL PHONE CALL HE PLACED TO WESTONS Bob Schoenfelder ON 4-23-02. START HALL PLACED THE CALL TO PROPERLY INFORM WESTONS C.H.P. (BOB S.) THAT THERE HAD BEEN AN EVENT WITH A USACE SUB-CONTRACTOR ON SATURDAY BEFORE. START HALL EXPLAINED TO MR SCHOENFELDER THE CHAIN OF EVENTS THAT OCCURRED, MR. SCHOE. INQUIRED AS TO WESTON'S INVOLVEMENT WAS STILL AS IT HAS BEEN SINCE DAY ONE AND START STATED THAT WESTONS INVOLVEMENT HAD

Location GNI WEBSTER Date 4-25-02
Project / Client TDD# 01-10-0010 / EPA

Cont'd NOT CHANGED. MR. Schoenfeld ASKED QUESTIONS AS WHAT U.S. ECOLOGY AND THE CORPS WERE DOING TO CORRECT THE ISSUE. START HALL STATED THAT THE CSALG RWP HAD INSTRUCTED THAT THE PM FOR U.S. ECOLOGY NOT BE ALLOWED TO MAKE ENTRIES INTO THE RWA AND GIVE DIRECTION. ——— CQ

MR. SCHOENFELDER STATED HE WOULD BE ON VACATION BUT IS ACCESSIBLE AS ARE OTHER HP'S AT HIS OFFICE. HE ADDITIONALLY STATED THAT START HALL WAS KNOWLEDGEABLE IN RADIATION PRACTICES AND WAS COMFORTABLE WITH CONTINUED CONVERSATIONS AS NEEDED. HE SUGGESTED TO START HALL TO DOCUMENT THE EVENT IN THE SITE LOG BOOK TO RECORD THE EVENT, AND ALSO LET HIM KNOW IF HE NEEDED TO COME OUT AND INVESTIGATE IN THE FUTURE. ——— CQ

4/25/02

Location GNI WEBSTER Date 4-25-02
Project / Client TDD# 01-10-0010 / EPA

1358 START HALL PULLS RAS-2 PUMPS AND PDR'S FROM PERIMETERS. SINCE U.S. ECOLOGY WORK HAS STOPPED FOR THE DAY AND THE LONG WEEKEND UNTIL TUESDAY 4-30-02 THE WORK WILL COMMENCE AGAIN. ——— CQ

1432 START CHECKS PERIMETER WITH A LUDLUM 19 MICRORMETER AND DOCUMENTS SURVEY RESULTS ON PERIMETER SURVEY SHEET. ——— CQ

1600 START HALL NOTES THAT U.S. ECOLOGY IS CUTTING A DUMPSTER UP WITH A BLOW TORCH. ——— CQ

1715 START HALL LEAVES ——— CQ

4/25/02
END OF DAY NOTES.

Location GNI WEBSTER Date 4-30-02

Project / Client TDD 01-10-0010 /EPA

0600 START HALL ARRIVES SITE AND CHANGES 47mm FILTER MODEL ON RAS-1 PUMPS AND DEPLOYS BACK TO IT'S PRE-DETERMINED AND DOCUMENTED PERIMETER FENCE. —— CC

0800 START HALL LEAVES FOR TAYLOR SITE TO DO MORE FIELD SURVEY WORK AS REQUESTED BY OSC PZFS. —— CC

1500 START HALL RETURNS TO WEBSTER SITE. —— CC

1520 START HALL REQUESTS OSC PZFS TO CHECK TDD AND AMEND DUE DATE BY 30 DAYS AND ADD LOG TO IT, OSC PZFS STATES HE'LL LOOK AT IT. —— CC

1610 START HALL WALKS SITE AND CHECKS RAS-1 AND PDR FUNCTION ALL OK. —— CC

1715 START HALL LEAVES FOR DAY.

CC 4/30/02

Location GNI WEBSTER Date 5-1-02

Project / Client TDD 01-10-0010 /EPA

0615 START HALL ARRIVES ON SITE.

0645 START CALLS START WALZER AND INSTRUCTS HIM TO COME TO WEBSTER AND DO OVERSITE FOR THE DAY DUE TO START HAVING TO PROVIDE ASSIST. TO OSC FRANKLIN FOR AN E.R. IN FRIENDSWOOD TEXAS.

0800 START WALZER ARRIVES. —— CC

Location GNI WEBSTER Date 5-2-02

Project / Client TDD 01-10-0010 / EPA

0650	START HALL ARRIVES.
0700	START HALL PARTICIPATES IN US ECOLOGY SAFETY BRIEF TOPIC: HEAT STRESS.
0750	START CHANGES 47mm FILTER MEDIA EN RAS-1 PUMPS ON ALL FOUR PERIMETER FENCES.
0825	START HALL TASKS START McSHANE TO COME TO GNI WEBSTER FOR DAY.
1000	START McSHANE ARRIVES FOR DAY.
1012	START HALL TASKS START McSHANE TO PLACE PDR'S ON PERIMETER FENCES.
1012	START HALL GETS ON ER CONF. CALL WITH REGION 6 STARTS.
1118	START HALL ENDS CALL
1130	START TAILGS LUNCH BREAK
1240	END OF LUNCH
1300	START HALL AND McSHANE TRAVEL TO SUNTRAL SERVICES FOR RAD. SUPPLIES.

5/2/02

Location GNI WEBSTER Date 5-2-02

Project / Client TDD 01-10-0010 / EPA

1357	START HALL AND McSHANE RETURN TO GNI WEBSTER.
1420	START HALL CHECKS PDR'S AND RAS-1 FUNCTIONS.
1421	START McSHANE CONTINUES TRANSFERING PDR INFO INTO ESU files for manipulation.
1505	START McSHANE LEAVES FOR DAY.
1548	START HALL NOTES THAT TDH REP LISA CLARK HAS BEEN ON SITE 5-1, AND THIS DATE FOR A COUPLE OF HOURS EACH DAY TO ANSWER ANY QUESTIONS SITE CITIZENS TAUBMAN AND WEBSTER GNI.
1612	START HALL CHECKS PUMP OPERATION
1701	START HALL INFORMS OSC FITE THAT GNI TAUBMAN WILL BE DONE FRIDAY FOR FINAL DATA GATHERING FOR A GENERIC REMOVAL ASSESSMENT.
1840	START LEAVES FOR THE DAY.

5/2/02

Location GNI WEBSTER Date 5/6/02

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

0600 START HALL ARRIVES ON SITE.

0615 START HALL NOTES THAT I.T. AND U.S. ECology HAVE ALREADY BEGUN WORK.

0620 START GIVES A SAFETY REMINDER TO HIMSELF ABOUT HEAT STRESS.

0700 START HALL UNLOADS TAILGATE GEAR FROM EPA-TRUCK.

0740 START HALL SWITCHES SAMPLE MEDIA ON ALL 4 DEPLOYED RAS-1 PUMPS.

0805 START HALL FINISHES CHANGING 47mm FILTER MEDIA ON EACH PERIMETER STATION.

0830 START HALL MONITORS U.S. ECology MOVING A CONTAMINATED HZR HANDLER.

0845 TDH REP LISA CLARK ARRIVES ON SITE.

0852 MS. CLARK PROVIDES THE FOLLOWING INFORMATION TO START HALL AND EPA-MOORE. MS CLARK

5/6/02

Location GNI WEBSTER Date 5/6/02

Project / Client TDD 01-10-0010 /EPA

0852 CONT'D STATED THAT SHE HAD SPOKEN WITH ROGER SAWYER, THE PRODUCTION MANAGER FROM GNI WEBSTER FROM 1981 ON. MS. CLARK STATED THAT MR. SAWYER SAID THAT THE SIGNAL HILL CALIFORNIA SITE DEALT ONLY WITH IRIDIUM AND IRIDIUM SAND AND ONLY MADE APPROX 10 SEALED SOURCES AND THAT THE HOT CELL WAS TORN OUT IN 1984. MS. CLARK ALSO STATED THAT MR. SAWYER SAID THAT LEAGUE CITY WAS ONLY A MAILING OFFICE AND HAD NO KNOWLEDGE OF SOURCES EVER BEING IN THAT FACILITY. ADDITIONALLY THAT THE BETA SOURCE IN THE OUTSIDE DOWN HOLE AT WEBSTER WAS PROBABLY Sr 90 or Tc 99. MR. SAWYER ALSO STATED THAT THE WEBSTER FACILITY RECEIVED MULTIPLE

5/6/02

Location GNI WEBSTER Date 5/6/02

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

CONT'D 80 CURIE SOURCES (Cs137) THAT WERE BROUGHT INTO BLDG 1 ROOM 20. OF WALNUT SEVERAL RUPTURED AND SPILLED. ADDITIONALLY MS. CLARK STATED THAT MR. SAWYER STATED THIS ROOM ONLY DISSOLVED AND DEWTED THE CS137 SOURCE THAT NO WELDING OCCURRED IN THAT ROOM. ADDITIONALLY THE DOWN HOLES IN BLDG 3 WERE WHERE GNI PRESSURE TESTED AmBe SOURCES. MS. CLARK STATED THAT MR. SAWYER SAID THERE HAD POSSIBLY BEEN SOME THAT RUPTURED IN THE DOWN HOLE WITH NO WAY OF RETRIEVING THE CONTAMINATION.

0949 START HALL WALKS COMPOUND WITH MICRO R METER. NOTES 3mR AT WORK LINE AND 100 microR AT WEST PERIM. FENCE, 240 AT EAST AND 100 AT NORTH AND SOUTH.

5/6/02

Location GNI WEBSTER Date 5/6/02

Project / Client TDD 01-10-0010 / EPA

1130 LUNCH BREAK

1240 END OF LUNCH

1338 START HALL CHECKS RAS 1 OPERATION ON PERIMETER.

1511 START HALL TRAVELS TO SUNRAC SERVICES.

1600 START HALL PICKS RAS-1 UP FROM BADGER.

1730 START HALL LEAVES FOR DAY.

5/6/02

Location GNI WEBSTER Date 5-7-02

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

615 START HALL ARRIVES.

0630 SAFETY BRIEF ABOUT STRESS BY START HALL.

0700 PULLS RAS 1 PUMPS FROM EPA VEHICLE AND CHECKS OPERATIONS RFW-8629 Lpm ✓ @ 8 l/pm
RFW-00165 Lpm ✓ @ 8 l/pm
RFW 00186 SWITCH DOES NOT WORK.
RFW-8629 ~~Lpm ✓ @~~ cord is frayed at switch.

0745 START HALL BEGINS CHANGING 47mm FILTER MEDIA THAT 4 RAS-1 PERIMETER SAMPLERS.

0805 START HALL COMPLETES CHANGE OF FILTER MEDIA IN 4 PERIM. FENCE RAS-1 PUMPS.

0810 START HALL PACKS UP LUDLUM 2221 METERS TO SEND BACK TO N.M.

0900 START HALL CHECKS INSTRUMENT FUNCTION FOR STOP FREEZING EQUIP AND LUDLUM 19. ALL CHECKS WORK OK AND BUMPED WITH POINT SOURCES.

5/7/02

Location GNI WEBSTER Date 5-7-02

Project / Client TDD 01-10-0010 / EPA

1009 START HALL TRAVELS TO FEDEX HOBBY AIRPORT TO SEND LUDLUM 2221 BACK TO WESTON Albuequerque AND SEND TWO INSTRUMENTS BACK TO EPA-VEGAS AT OSCEFFES DIRECTION.

1130 LUNCH BREAK

1230 END OF LUNCH

1250 START HALL CHECKS PERIMETER EQUIPMENT FUNCTION

1322 START HALL WALKS PERIMETER WITH MEMO R AND NOTES THAT SOURCES ARE REMOVED SO ALL READINGS ARE ELEVATED.

1415 START HALL LEAVES FOR THE DAY.

5/7/02

END OF DAYS NOTES

Location GNZ WEBSTER Date 5/8/02

Project / Client TDD 01-10-0010 / EPA

0600 START ARRIVES ON SITE. —— CC

0610 START GIVES HIMSELF A SAFETY BRIEF ON NON-IONIZING RADIAT.

0640 START CHANGES 47mm FILTER MEDIA ON ALL 4 PERIMETER RAS-1 SAMPLERS. —— CC

0705 START HALL COMPLETES CHANGE SAMPLE MEDIA. —— CC

0720 START HALL PROVIDES EPA-MOORE WITH PEXS OF US ECOLOGY MOVING SOURCES. —— CC

0832 START HALL CHECKS OPERATION OF PUMPS ON PERIMETER.

0917 EPA-MOORE ASKS START HALL FOR THE KEYS TO OSC FIXES TRAILER SO THE SERVER CAN BE TURNED ON FOR THE SITE.

1000 START HALL TRAVELS TO TAUNTON. —— CC

1120 START HALL RETURNS TO SITE WEBSTER. —— CC

1200 LUNCH BREAK. —— CC

1300 END OF LUNCH. —— CC

5/8/02

Location GNZ WEBSTER Date 5/8/02

Project / Client TDD 01-10-0010 / EPA

1351 START HALL WALKS PERIMETER WITH MICRO R meter NOTES THAT U.S. ECOLOGY IS MOVING SOURCES AROUND THIS DATE. START HALL NOTES THAT THE SOUTH FENCE HAS NO READING GREATER THAN 150 micro R/hr, WEST FENCE NO READING GREATER THAN 150 micro R/hr, NORTH FENCE NO READING OVER/GREATER THAN 250 micro R/hour, AND THE EAST FENCE NO READING GREATER THAN 280 micro R/hour. —— CC

1521 START HALL GIVES I.T. PARKER AN EXTENSION CORD 100 ft. AND CORD HOLDER TO USE. —— CC

1605 START HALL CHECKS OPS OF RAS-1 PUMPS ON PERIMETER FENCES —— CC

1735 START HALL LEAVES FOR DAY. —— CC

5/8/02

END OF DAY NOTES.

Location GNZ WEBSTER Date 05-09-06

Project / Client TDD 01-10-0010 / EPA

0610 START HALL ARRIVES ON SITE.

0620 START BEGINS CHANGING OUT 47mm FILTER MEDIA ON PERIM. PUMPS. —— CQ

0700 START HALL COMPLETES CHANGE OF 47mm FILTER MEDIA ON THE 4 perimeter RAS-1 PUMPS —— CQ

0720 START HALL IS INFORMED BY EPA MOORE THAT NOW I.T. AND U.S. ECOLOGY FEEL THEY SHOULD TEST FOR LEAD —— CQ

0830 TDH BRL REP LISA CLARK ARRIVES ON SITE. —— CQ

0915 START HALL TAKES PICTURES OF DAVE CORBETT WORKING IN DOWN HOLES 2-5 OUTSIDE BLDG. 1. START HALL MONITORS WITH M.210 R meter AND DOES NOT RECORD A READ. ABOVE 200mrph Per hour —— CQ

1000 START HALL CHECKS RAS-1 PUMP OPERATION. —— CQ

1050 START HALL REQUESTS FROM USACE McLOY THAT A RECORD OF THE

CQ 5/9/06

Location GNZ WEBSTER Date 5/09/06

Project / Client TDD 01-10-0010 / EPA

CONT'D PREVIOUS DOWN HOLES BEING CLEANED BE PROVIDED TO THE EPA. —— CQ

1125 USACE McLoy provides START HALL WITH DOWN HOLE RECORD TO DATE FROM U.S. ECOLOGY. THE RECORDS SHOW THAT OF THE KNOWN 25 DOWN HOLES, 11 HAVE BEEN OPENED AND HAD WORK DONE. —— CQ

1140 LUNCH BREAK —— CQ

1240 END of LUNCH —— CQ

1335 START HALL COMPLETES PERIM. SURVEY. —— CQ

1449 START HALL WALKS PERIM. AND CHECKS RAS-1 PUMPS. —— CQ

1531 START HALL MONITORS WEST BERMS CUT DOWN AROUND BLDG 3. —— CQ

1625 START HALL TRANSFERS PHOTO FILES IN COMPUTER.

1700 START HALL LEAVES FOR DAY.

CQ 5/9/06

Location GNI WEBSTER Date 5-10-02

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

0600 START HALL ARRIVES ON SITE.

0630 START AFTER PROVIDING HIS OWN SAFETY TOPIC ON HEAT STRESS BEGINS SWITCHING OUT SAMPLE 47mm MEDIA ON RAS-1 Pumps.

0740 START HALL COMPLETES SAMPLE MEDIA SWITCH OUT. —— CH

0815 START HALL TAKES PICTURES OF WORK BEING DONE BY BLDG. 3. ——

0900 START HALL CHECKS PERIM. RAS-2 PUMPS. ——

1000 START HALL LEAVES SITE. TRAVELS TO WEBSTON RES —

1400 START HALL LEAVES RES AND TRAVELS TO TURLE OFFICE. —

1430 START HALL LEAVES TURLE AND TRAVELS TO GNI WEBSTER

1500 START HALL CONDUCTS —— Perim. SURVEY WITH MELO R/METER. ——

1700 START HALL LEAVES FOR DAY

5/10/02 END OF DAY'S WORK

Location GNI WEBSTER Date 5-10-02

Project / Client TDD 01-10-0010 / EPA

0700 START HALL ARRIVES ON SITE. SAFETY TOPIC IS SLEEP DEPRIVATION TO HIMSELF. ——

0730 CHECKS RAS-1 Pump operation.

0800 Prepares AIRCL TCD's TO SEND BACK FOR READING. ——

0900 General Maintenance AND Housekeeping done on office TRAILER. ——

0930 START HALL GOES TO POST OFFICE AND SENDS TCD's TO ICN FOR READING. ——

1000 START HALL BEGINS SWITCHING PDR UNITS OVER TO ELECTRICITY DATA LOGGING. ——

1040 PERIMETER PDR's ARE FINISHED BEING CHANGED OVER TO ELECTRIC POWER. ——

1103 START HALL ASKS USACE McCoy for a copy of RED BOOK.

1200 LUNCH BREAK. ——

1300 END OF LUNCH ——

5/10/02

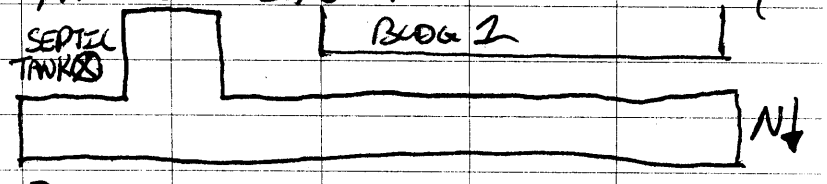
Location GNI WEBSTER Date 5-11-02

Project / Client TDD 01-10-0010/EPA

1330 START HALL AND EPA-MOORE TRAVEL TO TAVENOR SIGHT TO MEASURE GLOVE BOXES AND LOOK FOR SEPTIC TANK. ——— QQ

1420 EPA-MOORE AND START HALL DETERMINE THAT THE 2 LSA BOXES HAVE DIMENSIONS OF 58X59X62 INCHES EACH. ——— QQ

1505 START HALL AND EPA-MOORE LOCATE THE OLD SEPTIC TANK AT TAVENOR IT IS LOCATED BEHIND THE OFFICE BLDG ON THE S.E SIDE. ——— QQ



READINGS ABOVE TANK WITH A MICRO R METER WERE 20-30 MICRO R/Hr

START HALL AND EPA-MOORE DID FIND SURFACE READINGS IN THE LEACH LINES UP TO 270 MICRO R. ——— QQ

5/11/02

Location GNI WEBSTER Date 5-11-02

Project / Client TDD 01-10-0010/EPA

1600 START HALL AND EPA-MOORE RETURN TO GNI WEBSTER. ——— QQ

1700 START HALL LEAVES FOR DAY AFTER CHECKING RAS-1 AND PDR OPERATION. ——— QQ

5/11/02

END OF DAY'S NOTES.

Location GNJ WEBSTER Date 5-13-02

Project / Client TDD 01-10-0010/EPA

0520 START HALL ARRIVES ON SIGHT

0530 START HALL PULLS IN ALL 4 PDR's AND 4 RAS-1 PUMPS DUE TO RAIN AND NEEDING GENERAL MAINTENANCE. CQ

0600 START HALL PARTICIPATES IN US ECOLOGY'S SAFETY BRIEF: TOPIC: HEAT STRESS. CQ

0630 START HALL CHANGES 47mm FILTER MEDIA ON EACH RAS-1 0292, 1292, 0591, 0195, CLEANS THE GLASS BOWLS ON EACH CHECKS IN AND OUT FILTERS ON EACH AND WIPES DOWN THE SAMPLE MEDIA HOLDER. START HALL ALSO SWITCHES BATTERIES ON 4 PDR'S 4421 FROM SOUTH FENCE, 4204 FROM WEST FENCE, 4201 FROM NORTH FENCE, AND 4202 FROM EAST FENCE. CQ

0720 START HALL REDEPLOYS 4 RAS-1 PUMPS 0591 EAST FENCE PERIM, 1292 SOUTH PERIM FENCE, 0292 WEST

5/13/02

Location GNJ WEBSTER Date 5-13-02

Project / Client TDD 01-10-0010/EPA

CONT'D PERIM FENCE, NORTH PERIM FENCE WITH 0195'

0745 START HALL DOWNLOADS PDR 4421 WITH DATA FROM 5-11 thru 5-13 EMPTY WEEKEND DATA ON SOUTH 4421 SHOWED MAX CON OF 0.191 mg/m³

0751 PDR 4204 FROM WEST PERIM SHOWED WEEKEND DATA OF MAX CONC. OF 3.120 mg/m³. CQ

0755 START HALL DOWNLOADS PDR 4201 NORTH PERIM FENCE SHOWS MAX WEEKEND CONCEN. WAS 0.186 mg/m³ CQ

0803 DOWNLOAD PDR 4202 EAST PERIM. WEEKEND CONC. WAS 0.154 mg/m³ CQ

0805 START HALL ZERO AIRS ALL PDRs 4202, 4201, 4421, 4404. CQ

0820 START HALL DEPLOYS PDRS 4421 TO SOUTH PERIM FENCE, 4204 TO WEST PERIM FENCE, 4201 TO NORTH PERIM. FENCE, 4202 TO EAST PERIM. FENCE. CQ

5/13/02

Location GNZ WEBSTER Date 5/13/02

Project / Client TDD 01-10-0010 / EPA

0825 START HALL DOWNLOADS PIX FROM TAVENOR.

0915 START HALL CHECKS RAS-2 OPERATION DUE TO A RAIN SHOWER.

1000 START HALL HAS A CELL PHONE CONVERSATION WITH JEFF CLINER ABOUT TAKING TIME OFF. CLINER STATES WESTON PERSON WILL RELIEVE START HALL THIS WEEK AND STAY ON SITE

1020 TDH LISA CLARK ARRIVES ON SITE

1045 START HALL CONDUCTS SITE WALK.

1115 EPA-MOORE AND TDH CLARK TRAVEL TO 100 E. NASA TO MEET TENANT AND DO SURVEY WITH MICRO R METER.

1200 LUNCH BREAK.

1300 END of LUNCH

1320 START HALL CHECKS PDK + RAS-1 PUMPS OPERATION

5/13/02

Location GNZ WEBSTER Date 5-13-02

Project / Client TDD 01-10-0010 / EPA

1431 START HALL QUERIES PIX.

1530 START HALL TRAVELS TO HOUSTON Hobby TO PICK UP WESTON JOHN WALTON.

1615 START HALL + WALTON RETURN AND CONDUCT PERIMETER SURVEY.

1700 START HALL + WALTON LEAVE FOR DAY.

5/13/02

END OF DATA LOGS

Location GNI WEBSTER Date 5/14/02

Project / Client TDD 01-10-0010 / EPA

0530 START HALL + WALTER ARRIVE ON SITE.

0600 START HALL AND WALTER PARTICIPATE IN U.S ECOLOGY'S SAFETY BRIEF TOPIC: HEAT STRESS.

0630 START HALL AND WALTER PREPARE SAMPLE MEDIA FOR SWITCH OUT.

0645 START HALL AND WALTER SWITCH OUT ~~SOME~~ 47mm SAMPLE MEDIA ON 4 RAS-1 PUMPS SET UP ON NORTH, SOUTH, EAST, WEST PERIMETER FENCES.

0705 START HALL AND WALTER DOWN LOAD 4 PDR'S 4201, 4202, 4421, 4404.

0715 START HALL AND WALTER DEPLOY 4 PDR'S TO PERIMETER FENCES NORTH SOUTH, EAST, WEST.

0745 START HALL AND WALTER TAKE PACKAGES TO FED EX TO SEND 2 RAS-1 PUMPS BACK TO WESTON Albuquerque office.

0840 START HALL AND WALTER RETURN.

5/14/02

Location GNI WEBSTER Date 5/14/02

Project / Client TDD 01-10-0010 / EPA

1030 START WALTER INSPECTS RAS-1 PUMPS AND PDR'S TO MAKE SURE THEY ARE OPERATING.

1205 Lunch Break

1300 End of Lunch

1345 START HALL + WALTER WEATHERIZE PDR AND RAS-1 CORDS ON SOUTH AND EAST FENCES AND BEGIN PERIMETER SURVEY.

1425 START HALL + WALTER COMPLETE PERIMETER SURVEY.

~~1415 START WALTER~~

1600 START HALL LEAVES SITE

1715 START WALTER inspects perimeter RAS-1 and PDR's. All operating

1730 START WALTER leaves site.

Location GNI Webster Date 5/15/02

Project / Client TDD 01-10-0010 / EPA

0550 START WALTER ARRIVES ONSITE.

0600 START WALTER PARTICIPATES IN USECOLOGY SAFETY BRIEFING TOPIC HEAT STRESS AND BERYLLIUM ASK QUESTIONS - NO ANSWERS NO QUESTIONS GIVEN ON SHEETS HANDED OUT YESTERDAY

0630 START WALTER PREPARES SAMPLE MEDIA FOR SWITCH OUT

0645 START WALTER SWITCHES OUT 47mm Sample Media on 4 RAS-1 PUMPS SET UP ON NORTH, SOUTH EAST, WEST PERIMETER FENCES

0705 START WALTER ~~START~~ DOWNLOAD 4 PDR's 4201, 4202, 4421, 4204

0725 START WALTER DEPLOY 4 PDR's TO FENCES NORTH, SOUTH, EAST, AND WEST

0745 START WALTER CHECKS WEATHERIZATION OF PERIMETER MONITOR STATIONS.

0750 START WALTER DISCOVERS THAT EAST PERIMETER PDR IS NOT OPERATING

0755 START WALTER RESTARTS EAST PERIMETER PDR.

5/15/02

Location GNI Webster Date 5/15/02

Project / Client TDD 01-10-0010 / EPA

1005 START WALTER CONDUCTED INSPECTION OF PERIMETER MONITORS.

1010 START WALTER DISCOVERS THAT EAST PERIMETER PDR NOT OPERATING.

1020 START WALTER "O's EAST PERIMETER PDR and redeploys.

1110 Change out East Fence Perimeter PDR # 4202 with PDR # 4199.

1120 START WALTER REPLACES BATTERY IN PDR # 4202 AND STARTS UNIT FOR TEST RUN.

1210 Break for Lunch

1325 End of Lunch

1420 START WALTER BEGINS PERIMETER SURVEY

1450 START WALTER COMPLETES PERIMETER SURVEY.

1630 START WALTER CONDUCTS INSPECTION ON PERIMETER PDR'S AND RAS-1 ALL FUNCTIONING OK

1710 START WALTER LEAVES SITE.

Location GNI - WEBSTER Date 5/16/02

Project / Client TDD 01-10-0010 / EPA

0550 START WALTER ARRIVES ON SITE.

0600 START WALTER ATTENDS US ECOLOGY SAFETY BRIEF. SAFETY TOPIC IS HEAT STRESS.

0625 START WALTER PREPARES SAMPLE MEDIA FOR SWITCH OUT.

0630 START WALTER SWITCHES OUT 47mm SAMPLE MEDIA ON RAS-1 PUMPS SET UP ON NORTH, SOUTH, EAST, AND WEST PERIMETER FENCES.

0650 START WALTER DOWN LOADS 4 PDR's 4421, 4199, 4204, 4201.

0708 START WALTER ZEROS ALL PDR'S 4421, 4199, 4204, 4201.

0725 START WALTER DEPLOYS 4 PDR'S TO FENCES NORTH, SOUTH, EAST, AND WEST.

1000 START WALTER CONDUCTS INSPECTION OF PERIMETER MONITORS.

1150 Lunch Break

1250 End Lund Break

1350 START WALTER PERFORMS SITE PERIMETER SURVEY

Location GNI - WEBSTER Date 5/16/02

Project / Client TDD 01-10-0010 / EPA

1420 START WALTER COMPLETES PERIMETER SURVEY

1625 START WALTER CONDUCTS INSPECTION OF PERIMETER MONITORS.

1710 START WALTER LEAVES SITE

Location GNI-WEBSTER Date 5/17/02

Project / Client TDD 01-10-0010 / EPA

0550 START WALTER ARRIVES ON SITE. HEAVY RAIN AND LIGHTNING IN AREA.

0600 START WALTER ATTENDS US ECOLOGY SAFETY BRIEF. SAFETY TOPIC HEAT STRESS AND LIGHTNING.

0610 START WALTER OBSERVES ELECTRICITY OUTAGE AT SITE FOR ABOUT 1MIN.

0715 RAIN STOPS.

0716 START WALTER RETRIVES PDR'S AND COLLECTS #7 MM AIR SAMPLE MEDIA FROM RAS-1'S LOCATED ON PERIMETER FENCE NORTH, SOUTH, EAST, AND WEST.

0735 RAIN BEGINS

0750 START WALTER DOWNLOADS PDR'S 4201, 4199, 4421, 4204. HEAVY RAINS. APPEARS THAT PDR'S SHUTDOWN AROUND 0506 THIS MORNING PROBABLY DUE TO LIGHTNING. WILL WAIT TO DEPLOY PDR'S AND START AIRSAMPLERS.

0900 START WALTER LEAVES SITE TO PICK UP NEW TLD'S AT SUNTRACK INDUS. ON FM 518.

0955 START WALTER RETURNS.

Location GNI-WEBSTER Date 5/17/02

Project / Client TDD 01-10-0010 / EPA

SITE IS SHUTDOWN AT LEAST TIL NOON.

1145 ~~1015~~ START WALTER WAS NOTIFIED BY EPA MOORE THAT US ECOLOGY MANAGER STEVE ROMANO WAS DRESSING OUT TO ENTER BUILDING. EPA MOORE WAS TO DETERMINE IF HE IS QUALIFIED FOR ENTRY.

1150 BEGIN HEAVY RAINS

1250 START WALTER HEARS THAT US ECOLOGY PERSONEL ESCORTING STEVE ROMANO ARE OUT OF BUILDING. RAIN HAS LIGHTENED UP SOME

1330 START WALTER INFORMED THAT NO FIELD ACTIVITIES WILL BE CONDUCTED TODAY DUE TO RAIN/LIGHTNING. PERIMETER AIR SAMPLES WILL NOT BE CONDUCTED FOR THE SAME REASONS AS AIR PARTICULATES WILL NOT BE OF CONCERN.

1445 START WALTER INSPECTS PERIMETER SAMPLING POINTS TO INSURE THAT WEATHERIZING EFFORTS ARE ADEQUATE. A SITE PERIMETER DOSE SURVEY WILL NOT BE PERFORMED AS THE SITE

Location GNI-WEBSTER Date 5/17/02

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

CONDITIONS HAVE NOT CHANGED.

1600 START WALTER LEAVES SITE.

Location GNI-WEBSTER Date 5/18/02

Project / Client TDD 01-10-0010 / EPA

0550 START WALTER ARRIVES ON SITE.

0600 START WALTER ATTENDS US ECOLOGY HEALTH AND SAFETY BRIEFING NOTIFIED THEM THAT WESTON CREW SHOULD BE ON SITE MONDAY OR TUES. FOR SCANNING PAPERS.

0610 START WALTER PREPARES SAMPLE MEDIA FOR SWITCH OUT.

0615 START WALTER DEPLOYS PDR'S AND 47 mm SAMPLE MEDIA FOR RAS-1 PUMPS TO NORTH, SOUTH, EAST, WEST PERIMETER

0700 START WALTER PERFORMS SITE DOSE SURVEY PRIOR TO HOT CELL BASE INSPECTION.

0720 START WALTER MONITORS PERIMETER DURING HOT CELL BASE INSPECTION. NO CHANGES IN AREA DOSE RATES OBSERVED.

0930 START WALTER OBSERVES US ECOLOGY CREW CLEANING AND STAGING RADIUM SOURCE DRUMS.

1130 LUNCH BREAK

1230 RETURN FROM LUNCH BREAK

Location GNI- WEBSTER Date 5/18/02

Project / Client TDD 01-10-0010 / EPA

1250 START WALTER INSPECT PERIMETER RAS-1's AND PDR'S.

1410 START WALTER OBSERVES US ECOLOGY PERSONNEL USING STRAPS FOR LIFTING DRUMS. SEE PHOTO.

1550 START WALTER PERFORMS PERIMETER DOSE SURVEY TO MAKE SURE THAT THE BOUNDRIES ARE WITHIN COMPLIANCE. THE US ECOLOGY CREW WAS INSPECTING ALSO AND HAD AN AREA AT THE NE CORNER OF THE BUILDING AT THE LOCKED GATE ENTRANCE AT ~480uR/hr. THEY HAD MOVED THE SHIELDED RA-DRUMS, TO PREPARE THEM FOR SHIPPING. THEY PLACED SHIELDING IN THAT AREA AND THE READINGS DROPPED TO ~350 mR/hr. THE REST OF THE MEASUREMENT AROUND THE SITE WERE CONSISTANT TO THIS MORNINGS SURVEY.

1700 START WALTER LEAVES SITE

Location GNI- Webster Date 5/20/02

Project / Client TDD 01-10-0010 / EPA

0550 START WALTER ARRIVES ON SITE

0600 START WALTER ATTENDS US ECOLOGY SAFETY BRIEF. SAFETY TOPICS HEAT STRESS AND BERYLLIUM.

0620 START WALTER DEPLOYS GAMMASTICKS.

0635 START WALTER PREPARES SAMPLE MEDIA FOR SWITCH OUT

0640 START WALTER CHANGES OUT 47 mm SAMPLE MEDIA AND RETRIEVES PDR'S FROM PERIMETER FENCE.

0700 START WALTER DOWNLOADS PDR'S AND ZERO'S.

0730 START WALTER DEPLOYS PDR'S TO PERIMETER FENCE NORTH, SOUTH, EAST, AND WEST

0930 START WALTER INSPECTS PERIMETER MONITORS

1120 LUNCH BREAK

1220 RETURN FROM LUNCH BREAK

1330 START WALTER INSPECTS PERIMETER MONITORS

1500 START WALTER PERFORMS PERIMETER DOSE SURVEY

1700 START WALTER LEAVES SITE

Location GNI-WEBSTER Date 5/21/02

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

0550 START WALTER ARRIVES ON SITE.

0600 START WALTER ATTENDS US ECOLOGY HEALTH AND SAFETY BRIEF. SAFETY TOPICS HEAT STRESS, FIRST AID, BERYLLIUM.

0625 START WALTER PREPARES 47MM SAMPLE MEDIA FOR SWITCH OUT

0630 START WALTER SWITCHES OUT 47 MM SAMPLE MEDIA AND COLLECTS PDR'S FROM PERIMETER FENCE NORTH SOUTH, EAST, WEST.

0640 START WALTER DOWNLOADS PDR'S

0650 START WALTER OBSERVES US ECOLOGY MOVING DRUMS. SEE PHOTO

0700 START WALTER DEPLOYS PDR'S.

0955 START WALTER INSPECTS PERIMETER MONITORS

1210 LUNCH BREAK

1310 LUNCH BREAK ENDS

1400 START WALTER OBSERVES US ECOLOGY LABELING DRUMS

1420 START WALTER OBSERVES US ECOLOGY LOADING DRUMS ONTO TRUCK SEE PHOTOS FOR THIS AND LABEL

Location GNI-WEBSTER Date 5/21/02

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

1500 START WALTER AND EPA BROZOWSKI OBSERVE US ECOLOGY PERFORM DOT SURVEY OF OUTSIDE OF TRUCK. SEE PHOTOS.

1610 START WALTER ISSUES EPA BROZOWSKI TLD BADGE 02062714 AND POCKET DOSIMETER 903077

1620 START WALTER PERFORMS SITE PERIMETER SURVEY

1715 START WALTER LEAVES SITE

Location GNI-Webster Date 5/22/02

Project / Client TDD 01-10-0010/EPA

0550 START WALTER ARRIVES ONSITE.

0600 START WALTER ATTENDS US ECology HEALTH & SAFETY BRIEF. TOPIC: FIRST AID.

0635 START WALTER PREPARES 47MM SAMPLE MEDIA FOR SWITCH OUT

0700 START WALTER SWITCHES OUT 47 mm SAMPLE MEDIA AND COLLECTS PDR'S FROM FENCE NORTH, SOUTH, EAST, AND WEST.

0720 START WALTER DOWNLOADS PDR'S

0730 START WALTER DISCUSSES SURVEY RESULTS ON TRUCK WITH EPA BROZOWSKI

CONTACT READING HIGH 60mR/hr

CONTACT READING LOW 0.2mR/hr

DOT REGS CONTACT < 200mR/hr

DOT REGS @ 2M < 10 mR/hr

2M READING HIGH 3 mR/hr

2M READING LOW 0.2 mR/hr

CAB READING 0.2 mR/hr

0820 START WALTER DEPLOYS PDR'S TO PERIMETER FENCE.

Location GNI-Webster Date 5/22/02

Project / Client TDD 01-10-0010/EPA

1000 START WALTER INSPECT PERIMETER MONITORS.

1200 LUNCH BREAK

1300 END OF LUNCH BREAK

1340 RICHARD RATLIFF - TDH - BUREAU OF RADIATION LEAVES SITE AFTER A SITE VISIT AND TOUR OF BUILDING.

1430 START WALTER INSPECTS SITE PERIMETER MONITORS

1600 START WALTER ~~SITE PER~~ PERFORMS SITE PERIMETER DOSE SURVEY

1700 START WALTER LEAVES SITE

Location GNI - WEBSTER Date 5/23/02

Project / Client TDD 01-10-0010 / EPA

0550 START WALTER ARRIVES ONSITE.

0600 START WALTER ATTENDS US ECOLOGY SAFETY BRIEFING. SAFETY TOPIC FIRST AID. QUESTIONS + ANSWERS

0640 START WALTER PREPARES 47MM SAMPLE MEDIA FOR SWITCH OUT

0645 START WALTER SWITCHES OUT 47 MM SAMPLE MEDIA ON RAS-1 AND COLLECTS PDR'S FROM PERIMETER FENCE NORTH, SOUTH, EAST, WEST,

0720 START WALTER DOWNLOADS PDR'S START HALL AND WALZER ARRIVE ON SITE

0745 START WALTER DEPLOYS PDR'S TO PERIMETER FENCE, NORTH, SOUTH, EAST AND WEST.

START WALZER PREPARES TO ENTER BUILDING TO SCAN DOCUMENTS

0950 START WALZER OUT OF BUILDING.

1015 START WALTER INSPECT PERIMETER MONITORS.

1030 START WALZER ENTERS BUILDING TO CONTINUE SCANNING PAPERS.

John Walter

Location GNI - WEBSTER Date 5/23/02

Project / Client TDD 01-10-0010 / EPA

1145 START WALZER EXIST BUILDING

1200 LUNCH BREAK

1300 END OF LUNCH

1330 EPA BROZOWSKI TURNS IN TLD AND POCKET DOSIMETER

1330 START WALTER AND WALZER CONDUCT SITE PERIMETER DOSE SURVEY.

START HALL COLLECTS 47MM SAMPLE MEDIA FROM RAS-1 LOCATED ON PERIMETER FENCE NORTH, SOUTH, EAST, AND WEST.

1340 START WALTER COLLECT GAMMA STICKS FROM POLES

1430 START HALL AND WALTER LEAVE SITE.

START WALZER LEAVES SITE

John Walter

Location GNI WEBSTER Date 5/28/02

Project / Client TDD 01-10-0010 / EPA

0545 START HALL ARRIVES ON SITE AFTER 4 DAY MEMORIAL HOLIDAY.

0600 START HALL GIVES A SELF SAFETY TOPIC ON NON-IONIZING RADIATION AND SUN-SCREEN. ——— CO

0645 START HALL CONDUCTS A SITE WALK. ——— CO

0730 START WALZER ARRIVES ON SITE.

0745 START HALL PROVIDES START WALZER WITH HEAT STRESS SAFETY BRIEF.

0800 START HALL REVIEW ENTRY FROM 5/23/02 WITH CONVERSATION HELD WITH OSC FEFE ABOUT THE DRAFT REMOVAL ASSESSMENT REPORT DELIVERED TO OSC FEFE. OSC FEFE STATED THAT HE WAS NOT HAPPY THAT RECOMMENDATIONS WERE MADE IN THE REPORT. START HALL ASKED OSC FEFE WHAT HE COULD DO AS THE CONTRACTOR TO RECTIFY THE SITUATION AND MAKE OSC FEFE HAPPY. OSC FEFE

5/28/02

Location GNI WEBSTER Date 5/28/02

Project / Client TDD 01-10-0010 / EPA

CONT'D STATED THAT ALL HE WANTED WAS VOLUMES, WHAT WAS FOUND MAPS SHOWING IT, AND SAMPLE PAGE. START HALL STATED HE WOULD MAKE THE CHANGES TO THE REPORT AND RE-SUBMIT IT. THE CONVERSATION WAS NOTED TO HAVE BEEN HELD AT APPROX. 0930 ON 5/23/02, BY START HALL.

0830 START WALZER AND HALL ENTER BLDG 1 WEBSTER TO COMPLETE SCANNING. ——— CO

1000 START HALL AND WALZER RE-ENTER BLDG AFTER EXITING AT 0945. ——— CO

1205 START HALL + WALZER EXIT BLDG

1220 LUNCH BREAK ——— CO

1320 END OF LUNCH. ——— CO

1330 START WALZER LEAVES FOR THE DAY. ——— CO

1400 START HALL CHECKS PDRS ON FENCE LINE. ——— CO

1440 START HALL CHECKS WORK LINE WITH MINOR NOTE. ——— CO

5/28/02

Location GNI WEBSTER Date 5/28/02

Project / Client TDD 01-10-0010/EPA

1455 START HALL DOWNLOADS WESTON STARS PERMANENTS FOR SIGHT.

1500 START INFORMS START RESTON VIA CELL PHONE OF INITIAL DELETIONS TO THE REMOVAL REPORT THAT NEED TO BE MADE.

1600 START HALL CALLS OSC FIFE VIA CELL PHONE TO SEE WHAT HE NEEDS FROM START HALL FOR THE WEEK. OSC FIFE STATED TO SAVE ANY PICTURES UNTIL HE RETURNED TO STEE ON THURSDAY THIS WEEK.

1700 START HALL LEAVES FOR DAY.

5/28/02
END OF DAYS NOTES

Location GNI WEBSTER Date 5/29/02

Project / Client TDD 01-10-0010/EPA

0545 START HALL ARRIVES ON SITE.

0600 START HALL PARTICIPATES IN U.S ECOLOGY'S SAFETY BRIEF. TOPIC: BLEEDING.

0645 START CHECKS DDR'S ON PERIM. FENCES.

0740 START HALL TAKES PICTURES OF U.S. ECOLOGY ~~AND~~ INSTALLING HEPA LINE OUTSIDE BLDG. 2.

0850 USACE MURPHREE INFORMS START HALL THAT HE IS WAITING ON START'S REPORT ON TAUENOR SO THE CORPS CAN PREPARE A SCOPE OF WORK FOR THE EPA. MR. MURPHREE STATED THAT OSC FIFE INFORMED HIM THAT HE WANTED THE DRAFT BY COB 5/31/02.

0920 START INFORMS OSC FIFE VIA CELL PHONE ABOUT THE ABOVE CONV. AND OSC FIFE STATED NOT TO WORRY OR GIVE THEM ANYTHING WITHOUT OSC FIFE REVIEWING FIRST.

Location GNI WEBSTER Date 5/29/02

Project / Client TDD 01-10-0010 / EPA

CONT'D OSC FIFE ALSO STATED THAT THE CORPS NEEDED TO ~~WORK~~ HOLD OFF ON THE DELIVERABLE. START HALL ALSO ASKED OSC FIFE IF HE WOULD LIKE TO HAVE THE TEXAS CODES FOR CS137 IN THE TAVENOR REPORT AND THE TAC CODE 5-15 RULE FOR Ra 226. OSC FIFE STATED THAT THOSE REF. SHOULD BE IN THE REPORT.

1050 START HALL TAKES SITE PICTURES

1125 LUNCH BREAK.

1230 END OF LUNCH BREAK

1325 U.S. ECOLOGY BRUCE INFORMS EPA MOORE THAT THE RADIATION LINE IN FRONT OF BLDG 2 WILL BE EXTENDED INTO THE PERIM. PARKING LOT BECAUSE U.S. ECOLOGY WILL BE REMOVING THE HOT STUFF FROM BLDG 2 FROM IT & EXPECT RAD LEVELS TO INCREASE ONCE BROUGHT OUT OF the building

5/29/02

Location GNI WEBSTER Date 5/29/02

Project / Client TDD 01-10-0010 / EPA

1345 US ECOLOGY BEGINS TO MOVE INTO RWA TO BEGIN PROCESS. START HALL MONITORS NEW WORK LINE AND COLLECTS PICTURES.

1405 US ECOLOGY OPENS DOOR TO ROOM AND CREW ENTERS. READING AT NEW RAD LINE IS 240 micro R per hour. DOOR IS CLOSED BEHIND THEM.

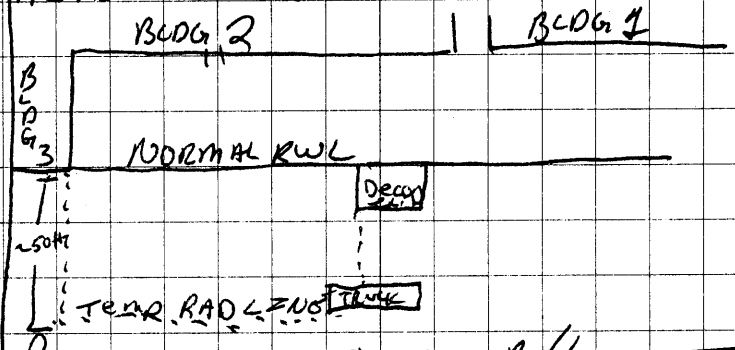
1430 READING AT NEW TEMP LINE 240 micro R/hr.

1530 U.S. Ecology Bruce & I.T. TOM enter BLDG 2 Supported by U.S. Ecology VANESSA & CATHY. READING AT RWL IS 240 micro R/hour.

1545 READING IS 280 micro R/hour

1547 READING IS 400 micro R/hour

1550 READING IS 800 micro R/hour



1600 READING IS 400 micro R/hour

5/29/02

Location GNZ WEBSTER Date 5/29/02

Project / Client TDD 01-10-0010/EPA

1605 U.S. ECOLOGY BRINGS FIRST LEAD BOX OUT BY FORKLIFT AND PLACES IN SHIELDED B-25 BOX. —— CQ

1607 READING IS .3 mR —— CQ

1610 U.S. ECOLOGY BRUCE EXITS BLDG AND STATES THEY WILL HAVE TO REGROUP BECAUSE THE ITEMS ARE NOT IN THE ORDER IN THE SHIELDED ROOM AS REMOVED AND THE SUSPECT TRAY IS STATED TO BE EMPTY AND 400 R. —— CQ

1630 START HALL INFORMS EPA-MARK ABOUT THE ABOVE JUMP. —— CQ

1700 START HALL LEAVES FOR THE DAY.

5/29/02

END OF DAY NOTES

Location GNI WEBSTER Date 5/30/02

Project / Client TDD 01-10-0010/EPA

0600 START HALL ARRIVES AND PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF. THERE WAS NO HEALTH AND SAFETY TOPIC GIVEN. START HALL PROVIDES OWN SAFETY BRIEF TOPIC MOSQUITO AND TICKS. —— CQ

0645 START HALL COLLECTS ALL 4 REMAIN PDR'S AND DOWNLOADS INFO AND ZERO OFF CALIBRATES THEM. START HALL MOVES WEST FENCE PDR NEAR CLEARING AND IS PLACED TEMPOR. OUT OF SERVICE. START HALL RE-DEPLOYS 3 PDRS TO North, South, & East Fences. —— CQ

0715 START APPLIES 47mm SAMPLE MEDIA TO THE 4 RAS-1 AIR Pumps on The 4 Remain. Fences AND STARTS DRAWS. —— CQ

0720 START HALL NOTES U.S. ECOLOGY HAS RE-DESIGNED BLDG 2 ROOM IT TO ~~PERM~~ CQ PERFORM Removal OF HIGH RAD ITEMS. READING AT RWL (NEW) WAS 360 Micro R/hour —

5/30/02

Location GNZ WEBSTER Date 5/30/02

Project / Client TDD 01-10-0010 / EPA

0735 START HALL NOTES THAT BND LEVEL B PERSON ENTERS BLDG 2 ROOM 17.

0800 READING AT TEMP KWL IS 300 MICRO R/HOUR —— CP

0830 US ECOLOGY POND WITH JUMP TW TO BLDG 2 ROOM 17 FOR THE MORNING —— CP

1015 START HALL CHECKS INSTRUMENTS ON PERIMETER FENCES —— CP

1110 START HALL IS PRNT TO A CONVERSATION INITIATED BY USALE MULOY TO I.T. PARKER AS TO THE ACTUAL CONTINUAL NEED OF A CHP ON SITE. —— CP

1200 LUNCH BREAK —— CP

1300 END OF LUNCH —— CP

1340 US ECOLOGY RE ENTERS BLDG 2 ROOM 17 FOR FURTHER SOURCE REMOVAL. —— CP

1435 START HALL PROVIDES CHANGES TO START RESTING FOR THE TAUGNOX REPORT —— CP

5/30/02

Location GNZ WEBSTER Date 5/30/02

Project / Client TDD 01-10-0010 / EPA

1529 START HALL ASKS EPA-MORRE FOR RADIATION TECH ASSISTANCE ON THE TAUGNOX REPORT. —— CP

1645 END OF DAY START HALL LEAVES FOR DAY. —— CP

5/30/02

END OF DAY NOTES.

Location GNI WEBSTER Date 5/31/02

Project / Client TDD 01-10-0010 / EPA

0600 START HALL ARRIVES ON SITE AND GIVES A SAFETY BRIEF TO HIMSELF ON HAZARDS — CL

0700 CHECKS PERIMETER MONITORING EQUIP. ALL FUNCTIONING, START HALL MAKES DECISION TO LEAVE RAS-1 & PRS ON FOR ANOTHER 24 HOURS BEFORE DOWNLOADING ON CHANGING FILTER MEDIA. — CL

0930 START HALL TAKES PICTURES AND RECEIVES SCANNING DISKS FROM WESTONS R. LEATHERBURY — CL

1100 START RESTIVO ARRIVES ON SITE.

1130 LUNCH BREAK — CL

1230 END OF LUNCH — CL

1300 START HALL & RESTIVO GO OVER CHANGES ON TRAVELER REPORT.

1410 START RESTIVO LEAVES SITE.

1500 OSC FEES AND START HALL GRATUS TO HASTINGS AND ICO TEX BECAUSE OSC FEES WANTED TO SEE LOCAL TO EACH OTHER. — CL

1700 START HALL LEAVES FOR DAY. —

[illegible] 5/31/02 END OF DAYS NOTES

Location GNI WEBSTER Date 5/31/02

Project / Client TDD 01-10-0010 / EPA

0600 START HALL ARRIVES ON SITE PARTICIPATES IN U.S. ECOLOGY SAFETY BRIEF TODAY HAZARDS — CL

0630 START HALL CHANGES 47mm FILTER MEDIA ON 4 PERIMETER RAS-1 PUMPS. — CL

0700 START HALL DOWNLOADS PRS. — CL

0945 START HALL CHECKS INSTRUMENTS ON PERIMETER.

1020 START HALL STATES TO OSC FEES THAT SCAN DISKS WILL BE AVAILABLE FOR HIM TO TAKE TO DALLAS. HE SAID TO KEEP IN THE START TRAILER UNTIL HE WEBEX THEM. — CL

1130 LUNCH BREAK — CL

1230 END OF LUNCH — CL

1410 START CHECKS INSTRUMENTS — CL

1700 START HALL LEAVES FOR WESTON — CL

[illegible] 5/31/02 END OF WESTON DAY NOTES

Location GNI WEBSTER Date 6/2/02

Project / Client TDD 01-10-0010/EPA

0600 START HALL HARTWIG ON SITE PARTICIPATES IN U.S. ECology SAFETY BRIEF: DECONTAMINATION

0730 START HALL CHECKS PERIM. INSTRUMENTS ——— CL

~~0840~~ 0950 START HALL TALKS TO START WALTER AND REQUESTS THAT START WALTER COME TO THE SITE ON 6/4/02 AND COLLECT ALL SITE DATA SO IT CAN BE TAKEN TO THE WEBSTER OFFICE AND FILE MAINT. CAN BE DONE FOR FINAL REPORT PREP. ——— CL

1115 START HALL CHECKS PERIM. FENCE INSTR. ——— CL

1200 LUNCH ——— CL

1300 END OF LUNCH ——— CL

1432 START CHECKS PERIM FENCES INST.

1630 START HALL COMPLETES PERIM SURVEY. ——— CL

1700 START HALL LOGS FOR DAY ——— CL 6/2/02

END OF DAYS NOTES

Location GNI WEBSTER Date 6/3/02

Project / Client TDD 01-10-0010 / EPA

0610 START HALL HARTWIG ON SITE PARTICIPATES IN U.S. ECology's SAFETY BRIEF TOPIC: FIRST AID.

0700 START HALL CHANGES 47mm FILTER MEDIA ON RAS-1 PUMPS

0830 START HALL DOWNLOADS PDR'S FROM PERIM. FENCES ——— CL

1045 START HALL TAKES PICTURES OF SITE. ——— CL

1150 LUNCH BREAK ——— CL

1300 END OF LUNCH ——— CL

1412 START HALL CONDUCTS PERIM SURVEY. ——— CL

1531 START HALL CHECKS PERIMETER INSTRUMENTS ——— CL

1619 START HALL DOWNLOADS PICTURES AND NOTES THAT U.S. ECology IS TEARING THE INSIDE OUT OF BLDG. 1. ——— CL

1645 START HALL LOGS FOR DAY. ——— CL 6/3/02

Location GNI WEBSTER Date 6/4/02

Project / Client TDD 01-10-0010 / EPA

0600 START HALL ARRIVES ON SITE AND PARTICIPATES IN U.S. ECOLOGY'S SAFETY TOPIC DECONTAM.

0730 START HALL CHECKS INSTR.

0930 START HALL USES BUTTON SOURCES TO BUMP TEST SURVEY INSTRUMENTS.

1100 OSC PZEB STATES TO START HALL THAT NO COC HAS BEEN WRITTEN FOR START TO GO TO AUSTIN AND PICK UP THE BOXES THAT TDH-BRC RECOVERED FROM GNI SEVERAL YEARS AGO AND TAKE THEM TO REGION 6 AFTER SCANNING THEM FOR RADIATION.

1200 LUNCH

1300 END OF LUNCH

1445 SURVEY DONE

1550 INSTR CHECKED IN START HALL

1650 START HALL LEAVES FOR DAY

6/4/02 END OF DAY NOTES

Location ~~TDD~~ GNI WEBSTER Date 6/5/02

Project / Client TDD 01-10-0010 / EPA

0610 START HALL ARRIVES ON SITE. PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF: HEAT STRESS.

0730 START HALL CHANGES 47mm FILTER MEDIA ON KAS-1 PUMP

0900 START HALL CHECKS DRMS.

1100 LUNCH BREAK

1200 END OF LUNCH

1410 START HALL CHECKS PERIM. INST.

1630 START HALL LEAVES FOR THE DAY.

6/5/02

Location GNZ WEBSTER Date 6/6/02

Project / Client TDD 01-10-0010 / EPA

0600 START HAZ HAZARDS FOR TITS DAY. ——— CC

0700 START ~~HAZ~~ RESTIVO HAZARDS ON SITE. ——— CC

0705 START conducts Health and Safety Meeting ——— AC

weather: Humid upper 80's

Hazards: Slips/trips/falls, ~~Radionuc~~ Radiation (Alpha, Beta, Gamma), heat Stress ——— AC

Level of Protection: Modified level D. ——— AC

Scope of Work: site oversight, air sampling, air monitoring, surveying, photographic documentation.

Angela Restivo [signature]

0745 Texas department of Health representative arrives on site START recieves contact information for Austin reconof Webster Gulf Nuclear files ~~Connie Suttice~~ AC from OSC Fife. Information provided designates Connie Suttice. START has been AC

Location GNI Webster Date 6/6/02

Project / Client TDD 01-10-0010 / EPA

tasked to drive to Austin after contacting Connie Suttice and providing appropriate information. Connie will then contact Priscilla Hubenak and provide information and obtain address to location where boxes are stored. START-2 will scan boxes. START-2 requested permission from OSC Fife to obtain smear samples and obtain laboratory confirmation that ~~any~~ AC contamination (if present) was removable or not. OSC Fife ~~did~~ AC ~~did~~ AC did not grant permission to conduct such contamination. START-2 informs OSC Fife that without laboratory and or smear samples ~~AC~~ START can not ~~confirm~~ AC provide written confirmation that the boxes were or are "Safe for Storage". OSC Fife maintains stance. Contact: Connie Suttice, 6SF-AC USEPA Region 6 1445 Ross Avenue

Location GNI Webster Date 06/06/02

Project / Client TDD 01-10-0010 / EPA

Suite #1200, Dallas, TX 75202-2733
214-665-7345, suttice.connie@
epa.gov. (AP)
1100 Representative of the Texas
Department of Health departs
from site for lunch. (AP)
~~Late entry to log~~ START Hall
departs from site at approx-
imately 0820am. (AP)
US Ecology is working out of
room 10. When room 10 is complete
work will begin in room 3. (AP)
1115 OSC Fife and EPA Las Vegas
Moore depart for lunch (AP)
1130 START Restivo departs for
lunch and to collect site keys
from START Hall. (AP)
1300 START Restivo returns (AP)
from lunch and site errand. (AP)
1500 START Restivo conducts perimeter
survey. (AP)
(AP)

Survey point	1m uR/H	2m uR/h
1	420	380
2	440	420

Location GNI Webster Date 06/06/02

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

Survey point	1m	2m
3	400	420
4	360	390
5	220	40
6	75	75
7	100	90
8	190	190
9	75	85
10	48	70
11	42	75
12	150	160
13	320	160
14	100	100
15	~~42~~ 40	42
16	60	70
17	80	100
18	90	100
19	50	50
20	38	44
21	40	42
22	60	60
23	70	80
24	60	70
25	40	48
26	30	36
27	100	90

Location GNI Webster Date 06/06/02

Project / Client TDD 01-10-0010 / EPA

1800 START Restivo notes that there is a chance for rain and; thus, turns off all PDRs and Eberlines. All PDRs were brought inside and the North and East Eberlines were brought inside.

1830 START departs site.

Location GNI Webster Date 06/07/02

Project / Client TDD 01-10-0010/EPA

0605 START Restivo arrives on site and conducts health and Safety meeting.

weather: Steamy and in the ~~AM~~ 90's

Hazards: Radiation, heat stress, slips trips and falls.

Level of PPE: Level D

Work Scope: ~~document~~ Site oversight photographic and written documentation.

Angela Restivo

0630 START removes filters from Eberlines and places them in labled envelope. PDR information was downloaded PDRs were then set back up outside at designated locations. ~~with the~~ PDRs were zeroed prior to reactivation

0840 OSC Fife is provided with tif and Pdf copies of the scanned documents. OSC Fife states that START is

Location GNI - Webster Date 6/7/02

Project / Client 01-10-0010 / EPA

not to document contract oriented issues between the Army Cor. IT. (now Shaw environmental) and US Ecology.

OSC Fife states that one set of PDF'ed CD's are for the State and the TX Health department representative (Lisa) can deliver the CD's to state representatives or we can FedEx them to Austin.

Late entry to log: START Restivo notes that the PDRs on the Northanwest locations did not record air monitoring data for 5 June through 6 June 2002. START Restivo replaces batteries in all PDRs prior to reactivation.

0900 START Restivo checks status of PDR and notes that the screen on the PDR located on the West side's screen has a row of black squares across top of screen with no concentration read

Location GNI - Webster Date 6/7/02

Project / Client 01-10-0010 / EPA

out as is normally present during operation. START Restivo believes that this may be due to direct exposure to the sun for long periods of time. Display screen was covered and PDR will be periodically checked to document condition.

1230 START departs for lunch

1330 START returns

1402 START notes dark clouds to west of site moving in northeastern direction. START moves PDRs under weather casing of Eberline. PDRs are covered from straight down pours but are still located where air can still be monitored and secured cords.

Amy

Location GNI-Webster Date 06/07/02

Project / Client 01-10-0010 / EPA

1425 START begins site survey

location	1m	2m	location	1m / 2m
1	420	900	24	60/70
2	420	~~400~~ 440	25	34/48
3	400	400	26	30/38
4	360	400	27	100/90
5	220	220		
6	80	70		
7	90	90		
8	190	200		
9	80	90		
10	46	80		
11	80	50		
12	160	160		
13	150	340		
14	110	110		
15	40	40		
16	60	70		
17	80	90		
18	90	100		
19	50	50		
20	40	40		
21	44	46		
22	60	70		
23	70	80		

Location GNI-Webster Date 06/07/02

Project / Client 01-10-0010 / EPA

1526 START ~~notes that~~ conducts photographic documentation of site activities.

~~1534~~ Smears from around site are obtained by US Ecology

1700 START and site workers ~~begin~~ depart from site

Location GNI Webster Date 06/07/02

Project / Client 01-10-0010 / EPA

Photolog

Sony digital Video RDW-R963

Photo ID	Date	Time	Dir	AH/WT	Description
~~34~~ 34	06/07/02	1528	S	AR	Preparing forklift
~~35~~ 35	06/07/02	1528	ES	AR	Greening rad zone
~~36~~ 36	06/07/02	1528	E	AR	forklift entering
37	06/08/02	0730	E	AO	Camera error
38	06/08/02	0732	E	AO	working in bldg 2
39	06/08/02	~~0~~ 1145	E	AO	Cascade system in use

Location GNI Webster Date 06/07/02

Project / Client 01-10-0010 / EPA

0550 START Restivo arrives on site. AO

0600 START attends US Ecology Health and Safety Meeting. Inside building eyewash station has been moved to room 23 by second step-off-pad. AO

0640 START conducts Health and Safety Meeting. AO

weather: 77°F feels like 82° wind from South at 10 mph 94% humidity. High near 90. 30% chance of rain this afternoon. AO

Hazards: Chemical: Beryllium, Radiation: All types, heat stress Physical: slips, trips and falls.

Level of PPE: Level D

Workscope: Site Oversight, photodocumentation, written documentation, air monitoring and air sampling. AO

Angela Restivo

Location GNI-Webster Date 06/08/02

Project / Client 01-10-0010/EPA

0730 START conducts Photographic documentation of US Ecology working in Building 2.

0800 START checks PDRs and Eberlines to check working status.

0850 START leaves site to collect supplies.

1000 START returns to site

0910 START weather proofs PDRs and cords

PDRs remain hanging under Eberlines.

1130 START notes that Cascade System is in use, however, no hall watch or bell watch is present.

1145 START photographically documents cascade system.

1200 START departs for lunch

1300 START returns from lunch

START notes that US Ecology is using forklift to move B25 boxes ~~from~~

Location GNI-Webster Date 06/08/02

Project / Client 01-10-0010 EPA.

1400 START surveys perimeter:

Location	1m \ 2m	Location	1m \ 2m
1	400 \ 400	23	70 \ 80
2	440 \ 460	24	60 \ 80
3	400 \ 420	25	42 \ 50
4	340 \ 400	26	36 \ 38
5	240 \ 240	27	100 \ 90
6	80 \ 80	~~28~~	~~80 \ 70~~
7	80 \ 90		
8	60 \ 80		
9	50 \ 60		
10	60 \ 60		
11	60 \ 70		
12	160 \ 160		
13	140 \ 140		
14	100 \ 120		
15	44 \ 44		
16	60 \ 60		
17	80 \ 90		
18	90 \ 90		
19	50 \ 50		
20	40 \ 40		
21	40 \ 40		
22	60 \ 60		

Location GNI-Webster Date 6/8/02

Project / Client 01-10-0010/EPA

1705 START and other site workers depart site. —

Location GNI-Webster Date 6/10/02

Project / Client 01-10-0010/EPA

0605 START arrives on site and notes that US Ecology is conducting a morning meeting.

0610 START conducts health and Safety Meeting

weather: Partly cloud, Slight ~~chance~~ 30% of thunderstorms, High around 90F, winds SSE 10-15

Hazards: Radiation, slips/trips/falls, chemical: Beryllium heat stress

Level of PPE: Level D

Angela Restivo

0625 START brings PDRs for downloading and changes filters on Eberline high vols.

0640 START changes filters on Eberlines and brings PDRs in for downloading.

0746 START completes downloading PDR information, zeroing and setting PDRs back at Eberline location

Location GNI Webster Date 06/10/02

Project / Client 01-10-0010 / EPA

START notes that PDR at west Station did not record information from 06/07/02 until 06/10/02.

Eberlines and PDRs are turned on at Stations.

0915 US Ecology Mock requested ~~permission to tear~~ that indoor air samples from January through April be ~~moved~~ transfered to START's trailer for START responsibility or US Ecology will discard the samples. START directs him not to discard samples.

0940 Army Cpr McCoy informs US Ecology Mock that samples will not be discarded and that ~~timm~~ US Ecology will continue to be responsible for Storage of Samples.

1000 START conducts site walk to check status of outside work and air monitoring

Location GNI Webster Date 06/10/02

Project / Client 01-10-0010 / EPA

1014 START notes that PDR on west side is not responding to keypad it is unclear ~~as to weather~~ wether the data is being recorded. The PDR at the east location was found not running, START restarts PDR. START will return later to check monitor.

1130 lunch Break

1230 return from lunch

1500 START Surveys perimeter

location	1m	2m	location	1m	2m
1	420	380	11	30	70
2	420	420	12	160	160
3	380	400	13	150	320
4	340	380	14	100	120
5	300	220	15	50	50
6	80	80	16	50	60
7	90	90	17	80	100
8	190	190	18	90	90
9	70	90	19	46	50
10	50	50	20	40	42

Location GNI Webster Date 06/10/02

Project / Client 01-10-0010/EPA

location	1m	2m
20	40	~~58~~ 42
21	40	50
22	60	60
23	80	80
24	70	60
25	44	50
26	32	40
27	90	90

1700 START and ~~Site Secure~~ US Ecology Site crew depart Site.

Late entry to log: Eberlines and PDR's will remain on until Wednesday.

Location GNI WEBSTER Date 6-11-02

Project / Client 01-10-0010/EPA

0600 START HALL ARRIVES ON SITE PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF TOPIC, ABDOMINAL INJURIES.

0615 START HALL REVIEWS LOG BOOK FOR ENTRIES MADE THE LAST FIVE DAYS.

0730 START HALL COMPLETES REVIEW OF ENTRIES.

0845 START HALL CHECKS RAS-1 PERIMETER PUMPS.

0900 START HALL CHECKS FOR KINKED HOSES AND ELECTRICAL CORDS RUNNING TO RAS-1.

1100 LUNCH BREAK

1200 END OF LUNCH

1329 START HALL INQUIRES TO EPA WHERE IF OSC FIRE WILL BE ON SITE THIS WEEK.

1445 START HALL CONDUCTS PERIMETER SURVEY WITH TDH-BRC REP CLARK.

1600 START HALL LOADS FOR DAY

6/11/02

Location GNI WEBSTER Date 6/12/02

Project / Client TDD 01-10-0010/EPA

0600 START HALL HAZWOPER ON SITE AND PARTICIPATES IN U.S ECOLOGY SAFETY BADGE TOPIC, BRUISES AND SPRAINS

0700 START HALL CHECK FUNCTION OF PERIMETER INSTRUMENTATION.

0800 START HALL HAS A CONVERSATION WITH I.T. SAFETY WAYNE.

0945 EPA-MOORE INFORMS START HALL THAT I.T. PARKER AND ALMQUIST WANTED TO GO TO TAVENOR FACILITY AND INVESTIGATE THE BUDGS. AND WANT TO LEAVE ABOUT 11 A.M THIS DATE.

1100 I.T. PARKER STATES TO START HALL THAT I.T. REPS WILL GO TOMORROW TO TAVENOR.

1115 LUNCH BREAK

1215 END OF LUNCH

1300 EPA-MOORE STATES THAT I.T. PARKER STATED THAT THE WEBSTER FORE CHIEF STOPPED

Location GNI WEBSTER Date 6/12/02

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

CONTD BY THE SITE AND WAS ASKING QUESTIONS ABOUT TYPE OF SOURCES AND CHEMICALS ON SITE.

1400 START HALL WALKS PERIM. TRAIL AND NOTES READINGS ARE APPROX. SAME AS PLUMOUT DAYS SURVEY.

1600 START BRINGS IN NORTH PDR TO CHECK FUNCTION AND RETRAYS.

1700 START HALL LEAVES FOR THE DAY

END OF DAYS NOTES

6/12/02

Location GNJ WEBSTER Date 6/13/02

Project / Client TDD 01-10-0010 / EPA

0600 START HALL ARRIVES ON SITE. PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF TOPIC SLIPS TRIPS AND FALLS. ——— @

0700 START HALL TRAVELS TO TAUNTON WITH EPA-MOORE AND SHAW PERSONEL PARKER + GUY. SHAW WANTED TO LOOK AT THE SITE AND GET SOME IDEA OF THE SCOPE OF WORK ——— @

0900 START HALL AND EPA-MOORE RETURN TO WEBSTER WITH SHAW EMPLOYEES. ——— @

1000 START HALL AND EPA-MOORE TRAVEL TO FED-EX. ——— @

1100 LUNCH BREAK ——— @

1200 END OF LUNCH ——— @

1300 START HALL BRINGS IN THE 4 RAS-1 SAMPLERS SINCE THIS IS A ROTATION WEEKEND FOR THE SITE AND WORK WILL NOT BE DONE AGAIN UNTIL 6/18/02

1500 START HALL LEAVES SITE ——— @

6/13/02

Location GNJ WEBSTER Date 6/18/02

Project / Client TDD 01-10-0010 / EPA

0600 START HALL ARRIVES ON SITE GIVES OWN H&S MEETING TOPIC HEAT STRESS. ——— @

0700 START HALL SWITCHES 47mm FILTER MEDIA ON 4 RAS-1 PUMPS, COMPLETES GENERAL CLEANING OF EACH AND RE-DEPLOYS TO THEIR ESTABLISHED FENCE LINE.

0745 START HALL RETRIVES 4 PDR THAT WERE LEFT ON THE 4 PERIMETER FENCES DURING THE ROTATION WEEKEND AND DOWNLOADS INFO ——— @

0800 NOTES THAT THE WEST PDR HAD AN ELECTRONIC FAILURE AND NO DATA WAS RETRIEVABLE FROM 610 THRUE 6-18-02 ——— @

START HALL ALSO NOTES THAT THE POWER WAS SHUT OFF TO EAST PDR BY U.S. ECOLOGY IN ADVENT. AND DATA RETRIEVAL IS UP TO THE 6-12-02 ONLY NORTH AND SOUTH FUNCTIONED OK.

6/18/02

Location GNI WEBSTER Date 6/18/02

Project / Client TDD 01-10-0010 / EPA

0930 OSC - FIFE STATES TO START HALL THAT HE WANTS START TO PREPARE A SAMPLE + ANAL. PLAN FOR CHECKING THE 6 DOWN HOLES IN BLDG 2 ROOM 3. OSC FIFE STATED THAT HE WANTS START TO PREPARE THE PLAN AND THEN MONITOR AND DOCUMENT the activities AS U.S. ECOLOGY CONDUCTS THEM. THE ACTIVITY OSC FIFE STATED IS TO DETERMINE FLOW RATE BACK INTO THE WELLS. OSC FIFE STATED SAMPLES COULD BE GATHERED AND C.O.C. BUT IT WOULD BE UP TO EPA-CIN TO HAVE THEM SAMPLED.

1100 LUNCH BREAK

1200 END OF LUNCH

1400 START HALL CHECKS RAS-1 OPERATION ON PERIM. FENCE.

1630 START HALL LEAVES FOR THE DAY.

6/18/02 END OF DAYS WORK

Location GNI WEBSTER Date 6/19/02

Project / Client TDD 01-10-0010 / EPA

0600 START HALL ARRIVES ON SITE AND PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF TOPIC: INSULIN SHOCK.

0700 START HALL DEPLOYS Replacement PDRs to West Fence.

0930 START HALL CHECKS OPERATION OF PERIMETER PDRs

1130 LUNCH BREAK

1230 END OF LUNCH

1355 START HALL ASKS OSC FIFE IF THERE IS ANYTHING ELSE HE WANTS TO ADD TO THE DOWN HOLE TASKING. OSC FIFE STATES NOT AT THIS TIME.

1515 START HALL IS INFORMED BY THE CORPS MILOY that US ECOLOGY HAD RECEIVED A PHONE CALL THAT THE GNI TAUNTON SITE WAS BEING BROKE INTO. START HALL NOTIFIED OSC FIFE AND OSC FIFE + START DEPARTED IMMEDIATELY FOR

6/19/02

Location GNI WEBSTER Date 6/19/02

Project / Client TDD 01-10-0010 / EPA

CONT'D THE TANKER STOP UPON ARRIVAL AT APPROX 1540 TO FIND THE SITE SECURE WITH NO BREACH IN THE FENCE NOTICEABLE.

1640 START HALL DEPART TANKER HAVING NOTED THAT THERE WERE 3 O_2 & Acetylene Bottles illegally dumped in the Ditch.

1645 OSC FIFE MAKES A cellphone call to the Houston FBI AGENT THAT HAD BEEN NOTIFIED OF THE ALLEGED BREACH AND INFORM THE AGENT THAT IT IS A FALSE ALARM.

1700 START HALL AND OSC FIFE ARRIVE BACK AT GNI WEBSTER START HALL NOTES THE FBI AGENTS NAME AS MIKE KELLER WITH A CONTACT # OF 713-693-5119.

1800 START HALL LEAVES FOR THE DAY

6/19/02 END OF DAYS NOTES.

Location GNI WEBSTER Date 6/20/02

Project / Client TDD 01-10-0010 / EPA

0600 START HALL ARRIVES ON SITE AND PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF TOPIC SNAKE AND INSECTS BITES.

0730 START HALL CHECKS ON PDR AND RAS-1 OPERATION ON 4 Perimeter Fences.

1000 START HALL RECEIVES REPORTS OF SIGHTS ON DIGITAL CAMERA.

1130 START BREAK FOR LUNCH

1230 END OF LUNCH

1300 RAIN

1400 RAIN

1510 START COMPLETES PERIMETER SURVEY.

1630 START HALL LEAVES FOR THE DAY.

6/20/02

END OF DAYS NOTES

Location GNI WEBSTER Date 6-21-02

Project / Client TPD 01-10-0010 / EPA

0600 START HALL ARRIVES ON SITE AND PARTICIPATES IN U.S. ECOLOGY'S SAFETY BRIEF TODAY HAL STARTS

0700 START HALL SWITCHES 47mm FILTER MEDIA ON RAS-1 PERIM SAMPLERS AND BRINGS ALL 4 PDR'S IN TO BE DOWNLOADED.

START HALL NOTES THAT PDR2342 IS A TEMP UNIT IS DATALOGGING FOR THE SOUTH PERIM. AND TEMP UNIT 2440 IS LOGGING FOR THE NORTH PERIMETER.

START HALL NOTES LOG INTERVAL ON TEMP UNITS IS OFF AND RESET TO DATA LOG EVERY MINUTE ON EACH UNIT.

0815 START HALL REDEPLOYS PDRS TO PERIMETER FIELD USE.

0900 START HALL CHECKING FUNCTION

1200 LUNCH BREAK

1300 END OF LUNCH

1530 START HALL CHECKS EQUIP. OPERATION

1700 END OF DAY START HALL CLEANS SITE

6/21/02 END OF DAY NOTES

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.riteintherain.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 Evalutaion
- WO Write Over
- NI Not Initialled 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