

MTA, Inc.
2225 Drake Avenue, Suite 8
Huntsville, Alabama 35805

Remediation of Sites in the U.S. Virgin Islands and Puerto Rico
Contract DACA87-92-D-0147
Delivery Order 0003

SITE CHARACTERIZATION
FORMER FORT SEGARRA, U.S.V.I.

PHASE I REMEDIAL INVESTIGATION (RI) REPORT

U.S. Army Engineering Division, Huntsville
ATTN: CEHND-CT-D (A. Prince)
P.O. Box 1600
Huntsville, Alabama 35807-4301

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mta, inc.

10 January 1995
5100-003

2225 Drake Avenue, S.W.
Suite 8
Huntsville, Alabama 35805
(205) 883-4451

Commander
U.S. Army Engineer Division, Huntsville
ATTN: CEHND-CT-D/ A. Prince
P.O. Box 1600
Huntsville, AL 35807-4301

Subject: Revised Phase I Remedial Investigation (RI) Report, Former Fort Segarra, U.S.V.I.

Dear Ms Prince:

The enclosed Phase I Remedial Investigation (RI) Report is submitted in accordance with Delivery Order 0003, Contract DACA87-92-D-0147. This report has been revised based on comments received from CEHND using CEHND Form 7. Annotated copies of the completed CEHND Form 7's are also enclosed.

This report has also been distributed to other agencies per requirements in the delivery order. Copies of the CEHND Form 7's, however, were not provided to agencies outside of CEHND.

Please feel free to contact me or Mike Moran at 883-4451 regarding this submission.

Sincerely,
MTA, Inc.



Hobart B. Noll

Corporate Operations Officer

encl as

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**SITE CHARACTERIZATION
FORMER FORT SEGARRA, U.S.V.I.
PHASE I REMEDIAL INVESTIGATION (RI) REPORT**

1.0 INTRODUCTION

1.1 Objective. MTA, Inc. of Huntsville, Alabama was awarded Contract DACA87-92-D-0147, Delivery Order 0003 on 31 March 1993 to perform site characterization and debris removal operations at Former Fort Segarra, Water Island, U.S. Virgin Islands. MTA mobilized on 14 March 1994 and completed all operations on 9 June 1994. Wyle Laboratories of Norco, California was a subcontractor to MTA for work under this delivery order.

1.2 History. Former Fort Segarra on Water Island was the site of the Toxic Storage Yard of a Department of the Army chemical weapons test program called the San Jose Project from mid 1948 to mid 1950. This site was also the location of testing of persistent and lethal chemical agents during this time. The project moved to Dugway Proving Grounds, Utah in late 1950 and all operations ceased at Former Fort Segarra.

There is only one post 1950 recorded event which related to the test program on Water Island. In 1966 during construction of a warehouse on Water Island near Flamingo Bay, two bombs were uncovered. These were identified as M70 and M78 type bombs and were vented by a U.S. Navy Explosive Ordnance Detachment with no documented release of agent, although eye witness accounts and military records differ.

2.0 REPORT FORMAT.

2.1 Basic Report. The Basic Report consists of those items shown in the Table of Contents.

2.2 Maps. Reduced copies of maps for Test Area 5 (TA5), Test Area 4-2 (TA4-2), and Flamingo Bay Warehouse and Landfill area (FB-1, FB-2, and FB-3; one map) are included in this report. These are copies of the latest maps submitted to the Anomaly Review Board (ARB). Reproducible copies of full size maps are provided to the ARB as needed in the course of review.

2.3 Field Log Books. Copies of the Senior UXO Supervisor, Team Supervisors and Site Safety Officer (SSO) field log books are included in annexes to this document (see Table of Contents). Original log books were submitted with earlier reports, per the contractor's scope of work.

2.4 Video Tapes. Two video tapes were submitted to U.S. Army Engineer Division, Huntsville (CEHND-PM-OT) with the draft final report.

3.0 EXPOSURE DATA

3.1 Manhours. Total number of man-hours worked on site: 6,501.5.

3.2 Vehicle Mileage. Total motor vehicle mileage: 2,458.

3.3 Flight Data. No flight operations were conducted during this project.

4.0 OPERATIONS

4.1 Flamingo Bay Warehouse and Landfill Area. MTA investigated this area in the latter stages of this investigation because of heavy debris and vegetation. MTA personnel discovered a vented 1 ton container in the FB-2 area which appeared to be from the San Jose Project. In addition, a local worker told the U.S. Army Corps of Engineers site representative that he was present during the demobilization of the San Jose Project at Flamingo Bay in 1950 and saw where projectiles were buried in what is now a linear depression which looks like a covered ditch. The Technical Escort Unit took a soil sample from the 1 ton container. As of this writing (8 July 1994), the U.S. Army Engineer Division, Huntsville has not received a report of the results of this soil sample. The 1 ton container remains on site in FB-2 pending disposition directives from the U.S. Army Corps of Engineers, Huntsville Division.

Magnetometer sweeps of FB-2 gave almost a continuous "ring off" which indicates a large number of anomalies in this area of Flamingo Bay warehouse and Landfill Area. MTA also found what appeared to be numerous buried automobiles which earlier investigation reported were used as fill for the extension of the shoreline in the 1960's. No further investigation is anticipated or recommended for this area.

Magnetometer sweeps of FB-1 and FB-3 indicated a few anomalies but appeared to be random metal objects and gave no indication of buried UXO or UXO related material. MTA does not recommend intrusive investigation in FB-1 or FB-3 for this reason.

4.2 Tamarind Tree Bay. Surface investigation of Tamarind Tree Bay indicated no suspected buried UXO or UXO materials. The brown unvegetated area near the beach is probably the beginnings of a salt marsh according to Corps of Engineers and local resident opinion. No OEW or OEW related scrap was found in this area. MTA does not recommend additional investigation of Tamarind Tree Bay.

4.3 Test Area 4. MTA conducted a surface investigation of Test Area 4-1 located between the dirt road and the shore line. Test Area 4-1 was relatively clear of debris and heavy vegetation. Magnetometer sweeps indicated some anomalies but did not give indications of any buried UXO or UXO related materials. MTA does not recommend intrusive investigation in Test Area 4-1.

MTA had to clear the heavy debris and 78 junk vehicles in Test Area 4-2 before any surface investigation could continue. The debris and 78 junk vehicles were transported off of Water

Island and disposed of at the St. Thomas public landfill after coordination with St. Thomas authorities. MTA drained and segregated the automotive fluids and junk batteries. MTA will dispose of these automotive fluids and junk batteries in accordance with U.S. Army Engineer Division, Huntsville directives. Local hazardous waste disposal service companies do not exist in the U.S. Virgin Islands. Consequently MTA had to contact such companies on Puerto Rico and most were not responsive to MTA's request for cost proposals to dispose of the automotive fluids and junk batteries. Only Crowley Environmental Services responded with a partial unit price quotation which indicated that the cost of disposing of these wastes will be significant. At the direction of the U.S. Army Corps of Engineers site representative, MTA has stored these wastes temporarily at Test Area 4-2 with suitable protection from the elements. (Note: since submission of the draft report, MTA has subcontracted with Vanguard Environmental Services for disposal of the material. Action is ongoing as of this submission).

The surface investigation of Test Area 4-2 indicated large number of anomalies of a suspicious nature which could be buried UXO or UXO materials. In addition, MTA found an 8 foot diameter circular area in TA 4-2 which was sunken and had no vegetation growing in it. This was most unusual since the surrounding area was covered with thick tropic vegetation. Magnetometer readings indicated almost a continuous response in the circular area.

No OEW or OEW related scrap was found in the area. MTA recommends intrusive sampling of the area (per findings of the ARB), and specific intrusive investigation of the circular depression area in Phase II.

4.4 Test Area 5. MTA had to remove substantial heavy tropic vegetation and consolidate approximately 90 cubic yards of household debris at the concrete structure before any substantive surface investigation could be accomplished. The surface sweeps indicated a large number of anomalies, a subset of which may be classified as suspect buried UXO or UXO material. While there is less probability of finding buried UXO or UXO materials in Test Area 5 than in Test Area 4-2 or Test Area 4-2 Circle, MTA recommends conducting intrusive investigation in Test Area 5 because of the anomalies found and the history of the use of TA-5 for testing during the San Jose Project.

No OEW or OEW related scrap was found in the area. MTA recommends intrusive sampling of the area (per findings of the ARB)

4.5 Test Area 6. MTA conducted a surface investigation of Test Area 6 and found no anomalies which would indicate buried UXO or UXO material. No OEW or OEW related scrap was found in this area. MTA does not recommend Test Area 6 for intrusive investigation.

4.6 Test Area 8. MTA conducted a thorough surface investigation of Test Area 8 and found no suspect anomalies. No OEW or OEW related scrap was found in this area. MTA does not recommend intrusive investigation of Test Area 8.

4.7 Sampling. MTA conducted 9 sampling operations in accordance with the sampling

plan. According to recent feedback from the U.S. Army Engineer Division Safety Office, all 9 samples were properly transmitted through the chain of custody records and had no indication of Chemical Warfare Material (CWM) contamination. The TEU sampled the soil in the 1 ton container at FB-2. All samples sent off site for analysis produced negative results.

4.8 UXO/OEW Found. The only UXO or UXO related item found during the project was the 1 ton container in FB-2. Container was examined and sampled. Container presented no explosive or CWM hazards.

5.0 SUPPLIES AND EQUIPMENT

MTA used the following major equipment during this project:

- 6 Schonstedt Magnetometers
- 1 Front End Loader
- 1 Fork Lift, Rough Terrain
- 1 Stake Bed Truck, 1/2 ton
- 2 Suzuki 4 x 4 light trucks
- 4 Homelite Brush Cutters
- 8 Motorola Radios MT1000
- 1 Camera Recorder, VCR
- 1 Camera 35mm
- 1 Photo Ionization Detector
- 2 Gas powered brush trimmers

Various watercraft for personnel, cargo, debris, and emergency transport

Multiple 20 cubic yard dumpsters

Common hand tools

Various respirators and personal protective equipment.

Various expendable supplies (paper, pencils, tape, plastic bags, etc).

6.0 WEATHER AND TERRAIN

6.1 Weather. The weather was not a significant factor in the execution of the work under this delivery order. However, during the month of May, the temperature in the afternoon at the work sites FB-2 and TA 4-2 did curtail some late afternoon work. UXO Supervisors were especially vigilant in observing their work crews and prevented many heat related injuries by insisting on frequent rest and water breaks. The location of many of the work sites was sheltered from the prevailing winds in the afternoon.

6.2 Terrain. The terrain of Water Island is characterized by a rocky shoreline except for a few beach and landings suitable for small watercraft. The island runs northeast to southwest with a ridge line down the middle of the island. The work sites were generally flat except for Test Area 6 which had a rough surface bisected by a cut.

7.0 QUALITY CONTROL

MTA implemented the Quality Control Plan which included careful verification of all temporary monuments, location of sample points and anomalies. The MTA Quality Control Specialist worked closely with MTA supervisors and the Corps of Engineers representatives to ensure the accuracy of all findings. Quality Control documentation is contained in the SSO log book.

8.0 SITE SAFETY

MTA implemented the site safety plan and rigorously enforced the requirements of that plan. Every worker read and understood the safety plan and supported it throughout the work on Water Island.

8.1 Safety Briefing (Tailgate). MTA conducted a daily tailgate safety briefing to emphasize specific safety challenges for the day and to gather feedback from the crews about current safety procedures. These daily safety meetings are documented in the appropriate log books.

8.1 Safety Training. MTA conducted safety training on every piece of equipment used on the job. MTA made a special point of emphasizing the need for care while working in the proximity of heavy equipment.

8.2 Safety Monitoring. The Technical Escort Unit provided continuous monitoring of all operations during the work on Water Island. In addition, MTA provided a Photo Ionization Detector (PID) while conducting the surface investigation in Test Area 4-2.

8.3 Personal Protective Equipment (PPE). MTA provided all the appropriate PPE to the work force on this project to include respirators with the proper canisters, safety goggles, hard hats, gloves, steel toe shoes, long sleeve work shirts and long trousers.

In addition, MTA provided 5 minute escape bottles for the crew for rapid evacuation from the work site.

9.0 IMPACT OF OPERATIONS.

9.1 Ecological. No significant ecological impacts resulted from operations conducted in this phase of the investigation.

9.2 Environmental. Test Area 4-2 was significantly improved during the operation via removal of car bodies and associated debris. Test Area 5 and Flamingo Bay area 2 were also improved by removal and/or internal movement of debris and materials.

10.0 SUMMARY & RECOMMENDATIONS.

10.1 Summary. Site Characterization actions and results during this phase provided no basis for further investigation of TA6, TA8 or Tamarind Tree Bay. Results from activities in TA4-2, TA5 and FB-2 indicated need for further investigation, of which sampling of anomalies appeared to be the most appropriate means. The circular depression in Test Area 4-2 and the suspected pit in Flamingo Bay Area 2 warrant specific intrusive investigation.

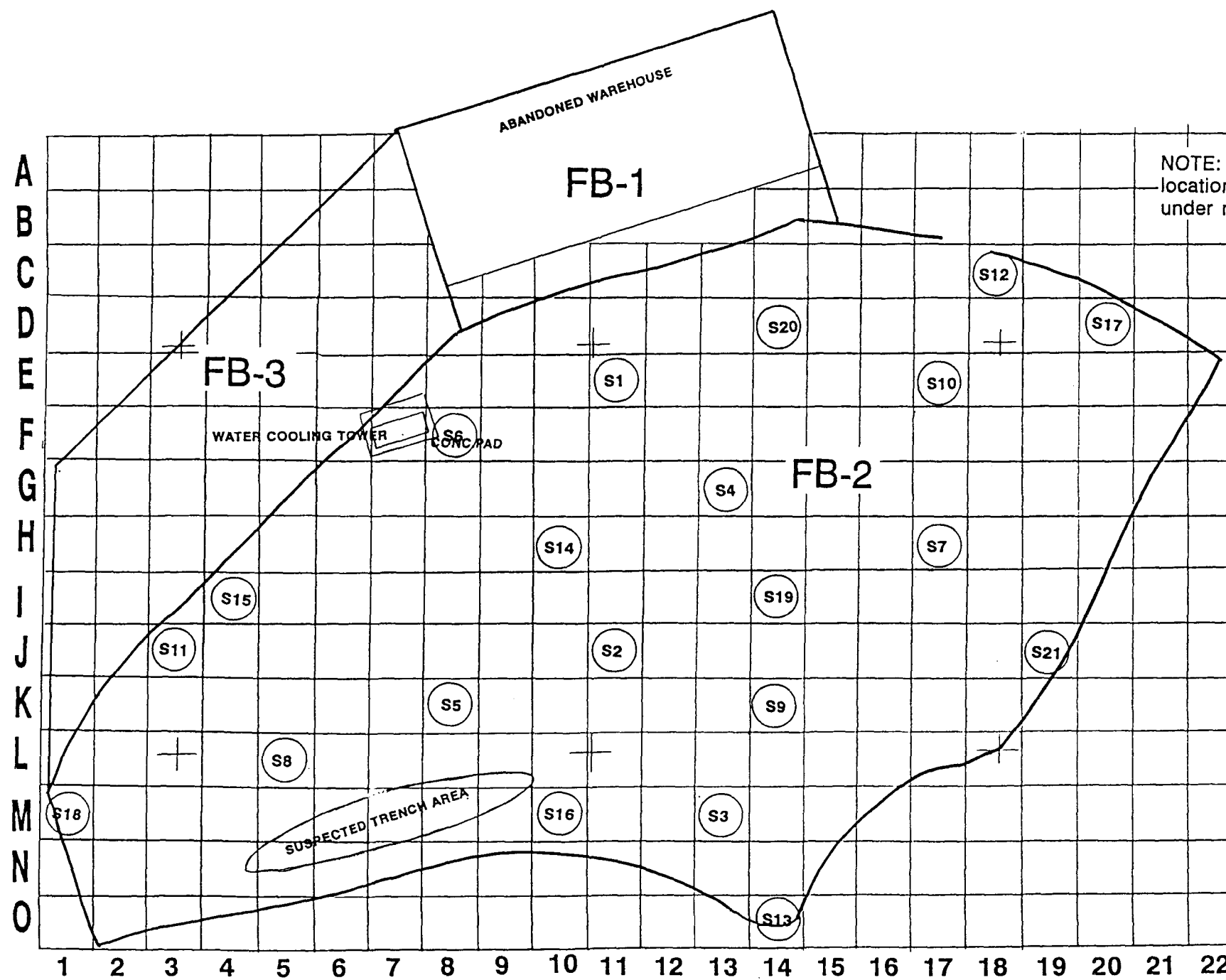
10.2 Recommendations.

a. Recommend intrusive investigation of the circular depression in Test Area 4-2 and the suspect pit area near the discovered 1-ton container in FB-2. In addition, approximately 10% of the anomalies, hot grids and hot areas in FB-2, TA4-2 and TA5 should be intrusively sampled in order to support future decisions regarding the effects of military activities on Water Island.

b. MTA recommends that subsequent activities be supported with on-site facsimile, copying and automation capabilities. These capabilities would greatly improve communications, recording of information among key organizations and to facilitate contact with local suppliers and subcontractors.

ANNEX A

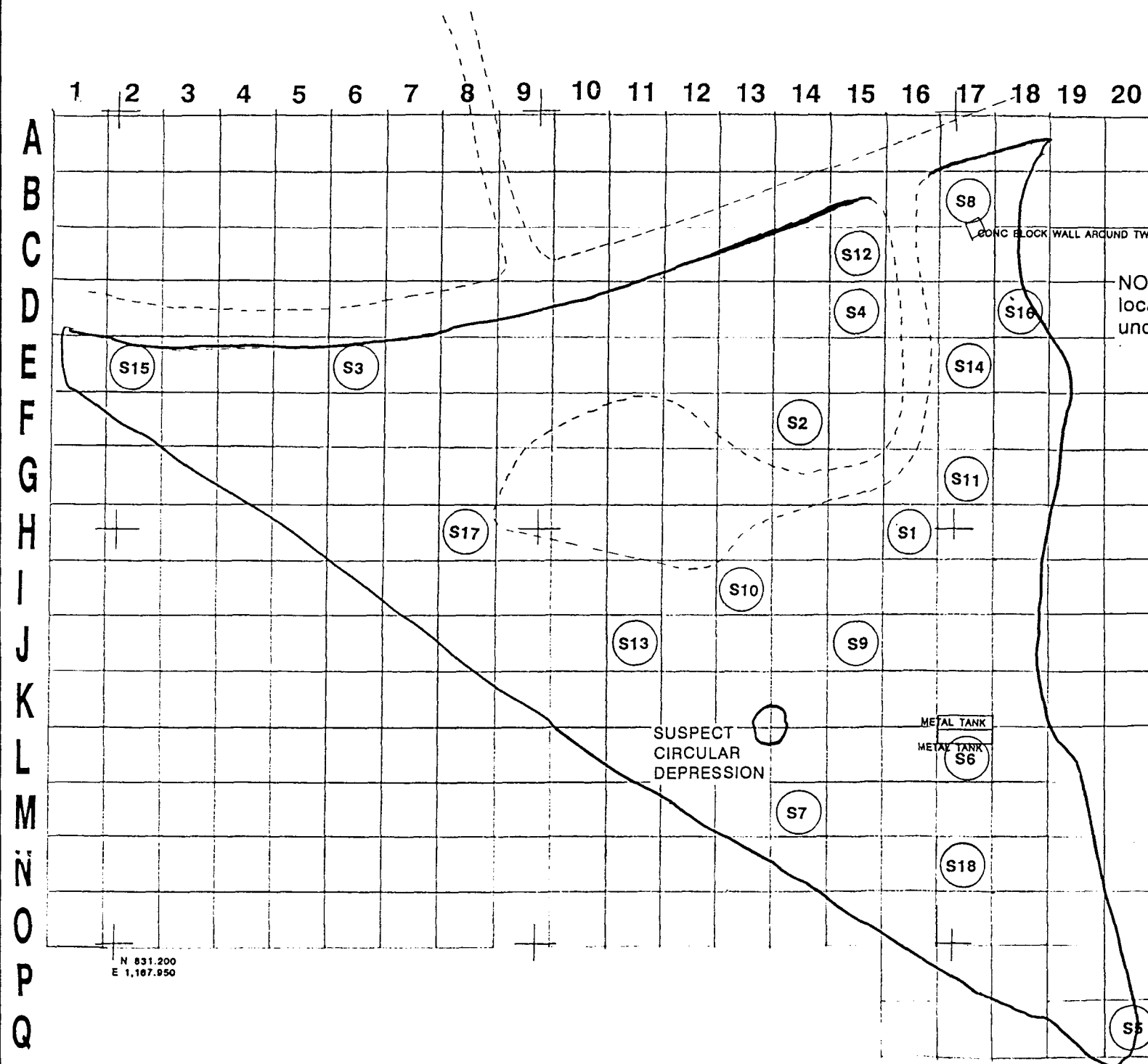
MAPS



mta, inc.		
SCALE: 1" = 50'	APPROVED BY: M. Moran	DRAWN BY: J. Thomas
DATE: 12 Oct 1994		REVISED: 29 Dec 1994
DACA87-92-D-0147, D.O. 003/D.O.003 FORMER FORT SEGARRA, WATER ISLAND, U.S.V.I		
		DWG. NO. FLAMINGO BAY-2

N 831.650
E 1,167.950

N 831.650
E 1,168.400



NOTE: Circled "S" numbers represent recommended sampling locations for Phase II of the Site Characterization. These are under review of the ARB as of 28 December 1994.

mta, inc.

SCALE: 1" = 50'	APPROVED BY: M. Moran	DRAWN BY: J. Thomas
DATE: 12 Oct 1994		REVISED: 29 Dec 1994

DACA87-92-D-0147, D.O. 003/D.O.003
FORMER FORT SEGARRA, WATER ISLAND, U.S.V.I

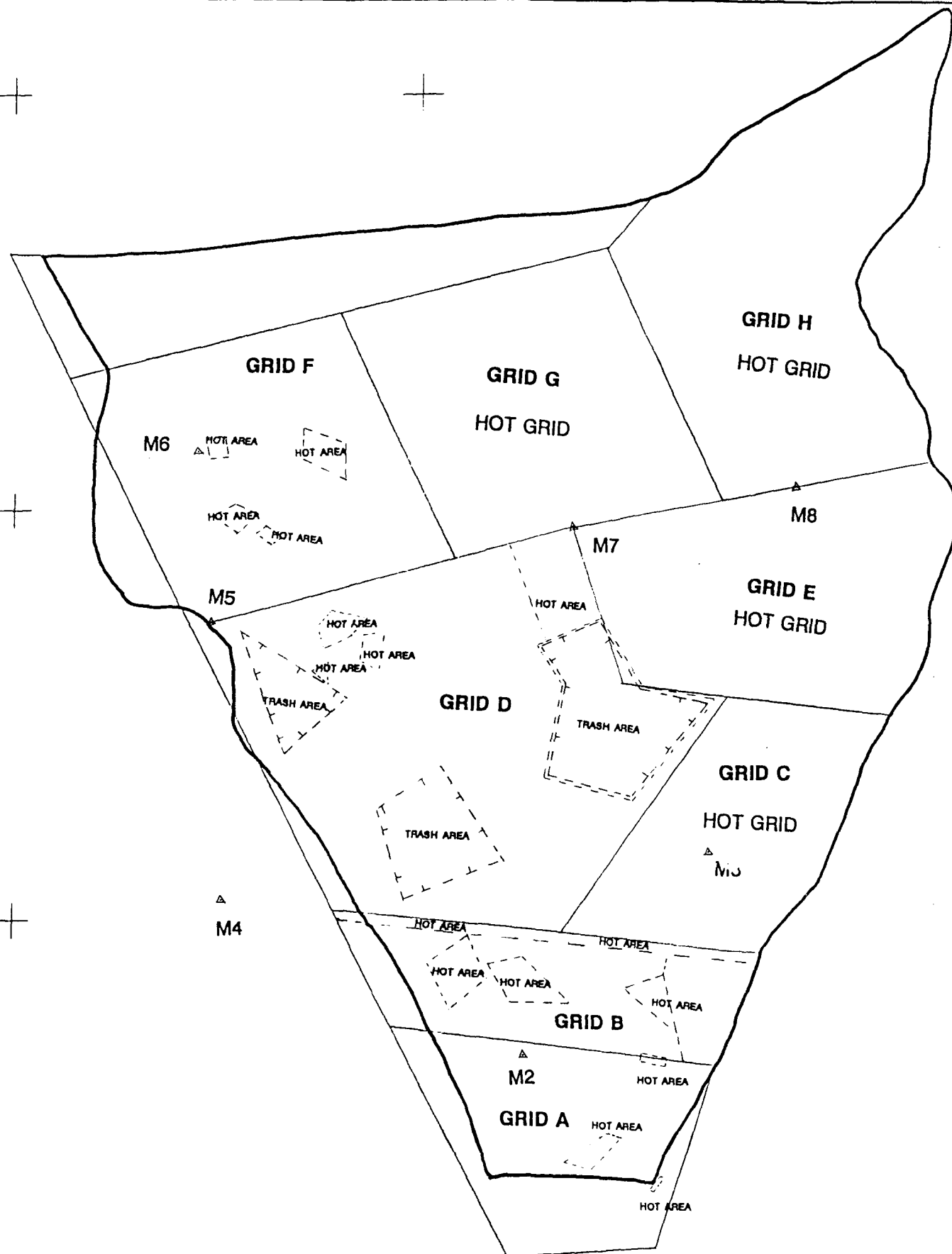
DWG. NO.
TEST AREA 4-2

N 831.200
E 1,167.950

N 831.200
E 1,168.400

N 831.850
E 1,188,850

N 831.450
E 1,189,000



- ORIGINAL PLANNED AREA OF INTEREST
- GRID BOUNDARIES
- - - HOT AREA BOUNDARIES
- △ MONUMENTS
- - - - - OTHER FEATURES

N 831.200
E 1,188,850

N 831.200
E 1,189,000

mta, inc.

SCALE: 1" = 50'	APPROVED BY: M. Moran	DRAWN BY: J. Thomas
DATE: 12 Oct 1994		REVISED: 29 Dec 1994

DACA87-92-D-0147, D.O. 003/D.O.003
FORMER FORT SEGARRA, WATER ISLAND, U.S.V.I

DWG. NO.
TEST AREA 5

ANNEX B

SENIOR UXO SUPERVISORS LOG BOOK

Senior
UXO
Supervisors

MONDAY 14 MARCH 94

1400 PERSONNEL START ARRIVING ST. THOMAS.
U.S.V.T. TRANSPORTED TO EMERALD
BEACH HOTEL FOR CHECK-IN AND
GIVEN FAMILIARIZATION TOUR OF
AREA BY PROJECT MANAGER

2245 FINAL MEMBERS ARRIVE. NAME'S
AND POSITION'S ARE AS FOLLOWS:

JACK THOMAS PROJECT MANAGER

DAVID C. LINDSEY, JR SENIOR UXO SUPERVISOR

DONALD EBERSOLE UXO SUPERVISOR

DAVID BECKER UXO SUPERVISOR

ED KING SITE SAFETY/QC SPECIALIST

OSCAR BROADWAY UXO SPECIALIST

THOMAS HALL UXO SPECIALIST

RICKY STAUBER UXO SPECIALIST

GLENN ZIMMERMAN UXO SPECIALIST

FLOYD CLARKE UXO SPECIALIST

TERRY DAVIS UXO SPECIALIST

TOM DUFFIELD UXO SPECIALIST

JAMES JOHNSON UXO SPECIALIST

ALL PERSONNEL ACCOUNTED FOR. SECURE.

TUESDAY 15 MARCH 94

0645 ALL PERSONNEL ACCOUNTED FOR AT HOTEL
BEGIN TRANSPORT TO CROWN POINT MARINA
FOR BREAKFAST AND FURTHER TRANSPORT
VIA LAUNCH TO WATER ISLAND FOR
SITE VISIT'S, CP SET-UP AND LOCATION,
AND SECURE STORAGE ARRANGEMENT'S

1215 ALL PERSONNEL DEPARTED WATER ISLAND

1300 PERSONNEL MEETING AT HOTEL. PERSONNEL
GIVEN OPERATION BRIEF, POLICY, AND
APPROPRIATE ASSIGNMENTS. HELD QUESTION
AND ANSWER SESSION. COMMENCED
REQUISITION OF LOCALLY PROCURED ITEMS
FOR OPERATION.

1500 STARTED ACCLIMATIZATION TRAINING FOR
ALL PERSONNEL.

1630 SECURED

0800 ALL PERSONNEL PRESENT FOR MORNING
MEETING. REVIEW WORK PLAN AND DIRECT
ALL PERSONNEL TO COMMENCE READING
THE SITE RP. ASSIGNED PERSONNEL TO
ASSIST IN REQUISITIONING GEAR AND
DELIVERING GEAR TO COMMAND POST.
1230 CONTINUED OPERATION. MET TEU PERSONNEL
AND ARRANGED SAMPLING WALK THROUGH.
1630 SECURED

END'S

FOR

THURSDAY 17 MARCH 94

0800

ALL PERSONNEL PRESENT FOR MORNING MEETING. DIRECTED TO CONTINUE ~~TO~~^{DO} REVIEW SHERP, ASSIST IN SHOPPING, DELIVER GEAR TO COMMAND POST.

SIX SUPERVISORS, SITE SAFETY, TOM DUFFIELD, MYSELF TO WORK SITES ON WATER ISLAND. ALL SITE'S VIDEO AND SURVEYED FOR PLAN OF ATTACK.

1200

DEPARTED WATER ISLAND. LUNCH

1300

MEETING. CONTINUE WITH DAILY PLAN SCHEDULE FINAL SHERP REVIEW, EMERGENCY FIRST AID AND SAMPLING OPERATION WORK THROUGH WITH TEL. FOR 3-19-94.

1630

SECURED

FRIDAY 18 MARCH 94

0800 ALL PERSONNEL PRESENT FOR MORNING MEETING. SOME CONFUSION DUE TO PERSONNEL BEING ASSIGNED TASK WITHOUT SENIOR UXO SUPERVISOR'S KNOWLEDGE. SITUATION CORRECTED. CAPT MARTINEZ, TEL, PROVIDED CLASS ON MINI TOXIC AGENT BRIEFING, TO INCLUDE FIRST AID ON CHEMICAL RELATED INCIDENTS.

0845 SITE SAFETY AND UXO SPECIALIST (BROADWAY) TO WATER ISLAND TO ESCORT LOCAL HIRES ON SITE VISIT.

1200 LUNCH

1230 USS AND BROADWAY RETURN.

1300 HAVE AFTERNOON MEETING. HAVE NORMAL SHEET REVIEW, UNDERSTAND CHARGE'S POSITION. MEET WITH TEL AND DOE SAMPLING WALK THROUGH. CONTINUE TO DELIVER EQUIPMENT TO WATER ISLAND. RECEIVED (3) COPIES OF WORK PLAN. DELIVER THEM TO UXO SUPERVISOR'S AND MYSELF.

1630 SECURED FOR THE DAY.

SATURDAY 19 MARCH 94

0800 WEEKEND ROUTINE FOR PERSONNEL,
PM AND MYSELF HAVE BREAKFAST AND
DISCUSS WORK PLTN. SPEND TIME
REVIEWING LATEST COPY OF WORK PLAN
AND MAKING NOTE'S FOR FURTHER
REVIEW WITH PM.

1200 DONE.

SUNDAY

20 MARCH 94

1300

MEET WITH PM IN HOTEL, GO OVER
WORK PLAN/PLAN OF ATTACK^{PL} FOR 21 MARCH,
I.E., LOGISTIC'S OF TRANSPORTING
VEHICLES AND HEAVY EQUIPMENT TO WATER
ISLAND.

1900

DONE.

MONDAY 21 MARCH 94

0600 PM AND MYSELF MEET IN LOBBY. DEPART TO AICON PIER FOR VEHICLE AND HEAVY EQUIPMENT LOADING FOR TRANSPORT TO WATER ISLAND. RETURN TO HOTEL.

0645 ALL PERSONNEL ACCOUNTED FOR AND TRANSPORTED WITH REMAINING GEAR TO CROWN POINT MARINA.

0730 J. THOMAS, D. BECKER, E. KING, T. HALL, O. BROWNEY, R. STAUBER AND G. ZIMMERMAN TO LAB FOR BASELINE BLOOD WORK. ALL OTHER PERSONNEL TO WATER ISLAND. SET UP CP, AWAIT EQUIPMENT AND OTHER PERSONNEL.

0900 HEAVY EQUIPMENT AND VEHICLE ENROUTE TO WATER ISLAND.

0930 EQUIPMENT AND VEHICLES ARRIVE. DUE EQUIPMENT CHECK OUT AND VERIFICATION OF SERIAL NUMBER'S

1030 ALL PERSONNEL PRESENT ON WATER ISLAND. OPERATION BRIEFING GIVEN, TEAM 1 ASSIGNED TA-4(1) AND TEAM (2) ASSIGNED TA-5. ARE JOINED AT THIS TIME BY (5) LOCAL HIRE'S. NAME'S AND POSITION'S AS FELLOW'S

KENNETH THOMAS LABORER (MTA)

PATRICK WILLIAMS LABORER (MTA)

ALRICH S. PARIS HEAVY EQUIP. OPERATOR

MATHEW ST. LUCE HEAVY EQUIP. OPERATOR

LENARD REYNOLDS HEAVY EQUIP. OPERATOR

CORPS OF ENGINEER'S REPRESENTATIVE

MIKE ROBINSON ON SITE.

1730 SECURED, DEPART WATER ISLAND.

TUESDAY 22 MARCH 94

0645 ALL PERSONNEL ACCOUNTED FOR, DEPART FOR MARINA.

0815 ALL PERSONNEL ON WATER ISLAND TO INCLUDE LOCAL HIRES ALL CORPS REP. COMMENCED OP BRIEFING, TEAM TASK'S. TEAM 1, TA-4(1), TEAM 2, TA-5.

0830 SITE SAFETY BRIEFING GIVEN BY SSO.

1020 WORK STOPAGE IN TA-4(1) DUE TO BARGE UNLOADING UNRELATED EQUIPMENT.

1030 TA-4(1) PERSONNEL BACK TO WORK.

1315 TEC PERSONNEL ON SITE.

1355 PM AND SUXO SUP TO HONEYMOON BEACH FOR TOWN MEETING. PRECAUTIONARY MEASURE. MEETING NOT RELEVANT TO OUR MISSION.

1420 SENIOR UXO SUP TO TA-6 FOR SITE INSPECTION.

1730 SECURED, DEPART WATER ISLAND.

WEDNESDAY 23 MARCH 94

- 0645 ALL PERSONNEL ACCOUNTED FOR. D. BECKER AND O. BROADWAY TO WATER ISLAND WITH (5) LOCALS, TO CONTINUE WORK IN TA-4(1).
- 0730 D. LINDSEY, D. EBERSOLE, F. CLARK, T. DAVIS, T. DUFFIELD AND J. JOHNSON TO LAB FOR BASELINE BLOOD WORK. REST PERSONNEL STAND BY FOR SLIT LENS TEST AT EYE DOCTOR.
- 0800 D. BECKER AND ABOVE MENTION PERSONNEL ARRIVE WATER ISLAND, GET SAFETY BRIEFING.
- 0810 COMMENCE WORK IN TA-4(1).
- 0830 FOLLOWING PERSONNEL TO EYE DOCTOR FOR EXAMINATION: J. THOMAS, D. LINDSEY, E. KLUG, D. EBERSOLE, T. HALL, A. STAUBER, F. CLARK, T. DAVIS, J. JOHNSON, T. DUFFIELD, G. ZIMMERMAN DRIVER.
- 1230 COMPLETE EYE EXAM, AWAITING TRANSPORTATION TO MARINA AND WATER ISLAND LUNCH.
- 1300 DEPART FOR WATER ISLAND. ARRIVE AND RECEIVE SAFETY MEETING. TEAM 2 TO TA-5 TO RESUME WORK. COE REP M. ROBINSON ON SITE.
- 1600 DRAEGER TUBES FOR CK TESTING IDEAL. PROVIDED BY TEU HAVE CONFLICTING ACTION LEVEL'S WITH THECP. WILL RESOLVE WHEN REST OF COE REP'S ARRIVE.
- 1610 G. ZIMMERMAN AND T. HALL, DISPATCHED TO TA-4^{DL} FOR SAMPLE SURVEY ENCOUNTER. A MR WILLIAM CUNTER OF THE WATER ISLAND HOTEL GROUP. MR CUNTER WISHES TO KNOW ~~WHY~~ WHY THEIR ON HIS PROPERTY. REFERRED TO PM.
- 1630 TEAM 2 COMPLETES FORMAL WINDWATER TRAINING. SEE TRAINING ROSTER, THIS DATE, FOR NAMES.
- 1730 SECURED. DEPART WATER ISLAND.

THURSDAY 24 MARCH 94

0645 ALL PERSONNEL ACCOUNTED FOR, DEPART FOR MARINA.

0800 ALL PERSONNEL ON WATER ISLAND. DAILEY OPERATIONS MEETING / SAFETY MEETING. TASK ASSIGNMENTS AS FOLLOWS. TEAM 1 TO TAMARIND BAY TO SURVEY OUT SAMPLE POINTS. TEAM 2 CONTINUES OPERATIONS IN TA-5. TEAM 1 WILL TRY TO SAMPLE THIS AFTERNOON.

1200 TEAM 1 RETURNS FROM TAMARIND BAY.

1300 TEAM 1 DEPARTS FOR TAMARIND BAY TO COMPLETE WORK

1430 TEAM 1 RETURNS FROM TAMARIND BAY, UNABLE TO WORK BECAUSE LOCAL FISHERMAN IS BURNING CONTAMINATED FISH ON BEACH.

1530 SEND TEAM TO TA-6 TO PLACE PIN'S IN SAMPLING LOCATIONS.

1730 SECURED. DEPART WATER ISLAND

MONDAY 28 MARCH 94

0645 ALL PERSONNEL ACCOUNTED FOR, DEPART FOR MARINA.

0830 COMMENCE OP'S BRIEF, TASKING, SAFETY BRIEFING. TEAM 1 TO TA-4(1) AND TEAM 2 TO TA-5.

0915 FOLLOWING COE REP'S ARRIVE ISLAND:
M. ROBINSON - COE SAFETY, K. WILLIAMS - COE-EM, AND A. O'NEIL - COE-CIVIL ENGINEER.

1330 CP CALLS FOR TEAM 1 LEADER AND SAMPLING TEAM TO CP BY DIRECTION OF MR ROBINSON COE. SENIOR UXO SUPERVISOR CALL'S CP AND TEAM 1 AND CANCELL'S MR ROBINSON CALL DUE TO HIS LACK OF NOTIFYING UXOS. UXOS TO CP TO RESOLVE PROBLEM.

1340 ARRIVE CP, RESOLVE PROBLEM. DIRECT TEAM 1 LEADER AND SAMPLING TEAM TO BE PREPARE FOR SAMPLING TOMORROW (TEL ADVISED)

1530 TEAM 2 REPORT'S CIVILIAN VISITOR IN AREA. INDIVIDUAL CURIOUS. REFERRED TO PROJECT MANAGER.

1730 SECURED. DEPART WATER ISLAND.

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0830 COMMENCE OP'S / SAFETY BRIEFING. COE REP'S PRESENT. TASK TEAM 1 WITH SAMPLING OP'S AT TAMARIND BAY AND TEAM 2 TO TA-5 TO CONTINUE SITE PREPARATION.

1228 SAMPLING COMPLETE AT TAMARIND BAY.

1400 SENT TEAM 1 TO TA-8 TO START SAMPLING

1456 WILLIAM COUNTER OF HOTEL GROUP REFUSED TO STOP FOR ROAD CLOSURE WHILE AT T-8. TEL UNIT HAD TO MOVE LINE'S SO THEY WOULDN'T BE RAN OVER AND DAMAGED.

1620 ANOTHER VEHICLE ATTEMPTED TO ENTER AREA HAVING PROBLEMS WITH LOCAL MOTORIST'S. ADVISED P.M. SPOKE WITH A MR. WARREN POND, PHONE 774-0145, PRESIDENT ELECT OF LOCAL ASSOCIATION. REFERRED HIM TO P.M.

1730 SECURE. DEPART WATER ISLAND.

WEDNESDAY 30 MARCH 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR MARINA

0730 ARRIVE WATER ISLAND WITH TEAM
LEADERS, SSO, AND KELLY WILLIAMS-COE.
HAD MEETING, DISCUSSED POST CHANGES
TO SHEAR.

0815 OP MEETING/SAFETY BRIEFING. TEAM 1
TO TA-9 FOR SAMPLING CONTINUED, TEAM
2 TO TA-5 TO RESUME WORK.

1125 HAD MINI-CAM RING OFF ON SAMPLE S-4.
TEAM PULLED BACK. ROAD BLOCKED TEU
PROCEEDING WITH MIS HIT. GO HIT.

1211 TEU RETURNS TO OP FOR NEW MINI-CAM

1245 AIR PONDS ON SITE. WISHES TO SPEAK TO
COE REP.

1330 SAMPLE S-4 AND ALL OTHERS NEGATIVE.

1445 TASK TEAM 1 AND TEU TO SAMPLING
AT TA-6, ALL SAMPLING COMPLETE.

1730 SECURED. DEPART WATER ISLAND

THURSDAY 31 MARCH 94

DEPART 0645 ALL PERSONNEL ACCOUNTED FOR. DEPARTED
FOR MARINA.
0730 ARRIVED WATER ISLAND. TEAM LEADER MEETING.
0815 CP's / SAFETY BRIEFING. TEAM 1 TO TA-6 FOR
MAPPING, SURVEYING, TEAM 2 TO TA-5 TO
RESUME WORK. K. WILLIAMS COE ON SITE
1400 ALL WORK SECURE. ALL PERSONNEL DEPART ISLAND
FOR HOTEL TO TAKE CARE OF ADMINISTRATIVE MATTERS
1600 SECURE FOR THE DAY.

E S-4.

TEU

COM

TO

OFFICE

ING

T-8

FRIDAY 1 APRIL 74

0800 ALL PERSONNEL ACCOUNTED FOR. HOLD
OPERATION REVIEW AND SAFETY MEETING
PRIOR TO SECURING FOR WEEK END.

0900 SECURE FOR THE WEEKEND.

0645 ALL PERSONNEL ACCOUNTED FOR DEPART FOR
MARINA.

0730 ARRIVE WATER ISLAND WITH TEAM LEADER'S
FOR MEETING. LEONARD ~~REYNOLDS~~ REYNOLDS, HEAVY
EQUIPMENT OPERATOR, NO SHOW FOR THE DAY.

0815 OP/SAFETY MEETING. TEAM 1 TASKED TO TA-6
FOR SAMPLING OPERATION'S. TEAM 2 AND ALL
LOCAL HIRES TO TA-5 FOR VEGETATION REMOVAL.

1530 ADVISED THAT J. JOHNSON WAS HAVING PROBLEMS
WITH RIGHT HAND, TINGLING IN FINGER'S,
NUMBNESS. POSSIBLE RESULT OF CONTINUOUS
WEED EATER OPERATIONS. JOHNSON REMOVED
FROM WEED EATER OPERATION, WILL MONITOR
HIS CONDITION IN CONJUNCTION WITH SSD.

SSD ADVISES ME THAT TEAM 2 LEADER INQUIRES
ABOUT ACQUISITION OF WRIST AND BACK SUPPORT'S
FOR PERSONNEL. ADVISED PROJECT MANAGER.

SAMPLING IN TA-6 COMPLETED AT 1252. TASK
TEAM 1 TO ASSUME MAGNETOMETER OPS
IN TA-4(1).

1730 SECURE. DEPART WATER ISLAND FOR THE DAY

* 0900 LATE ENTRY. TEAM 2 LEADER ADVISES FRONT
LOADER DOWN DUE TO BATTERIES MISSING.
NOTIFIED MAINTENANCE CONSTRUCTION.

TUESDAY 5 APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPARTED FOR MARINA.

0730 ARRIVE WATER ISLAND WITH TEAM LEADER: FOR MEETING KENNETH THOMAS, LABORER, CALLED IN. UNABLE TO WORK TODAY. TASKING FOR THE DAY AS FOLLOWS: TEAM 1 TO CONTINUE OPS IN TA-4(1). TEAM 2 TO SURVEY SAMPLING POINTS IN TA-5 AND BE READY FOR SAMPLING OP'S THIS AFTERNOON

0815 OP/SAFETY BRIEFING, ASSIGNMENTS MADE. J. JOHNSON HAND STILL SORE, SUSPENDED FROM WELD FATED OPERATIONS TIL FURTHER NOTICE. TEMPERATURE 87°, ABOVE NORMAL FOR EARLY MORNING.

1600 TEMPERATURE FLUXUATING ABOVE 90°. SECURE ALL PERSONNEL FROM SITES AND HAVE THEM REPORT TO CP FOR TOOL MAINTENANCE. THE REMAINDER OF THE DAY

1730 SECURE, DEPART WATER ISLAND

WEDNESDAY 6 APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0732 ARRIVE WATER ISLAND WITH TEAM LEADERS FOR MEETING. TEAM 1 TO TA-4(1) FOR COMPLETION OF SAMPLING AND MAGNETOMETER OP'S.

TEAM 2 TO TA-5, MAGNETOMETER OP'S IN AM, SAMPLING PM.

0830 OP'S/SAFETY BRIEFING, ASSIGNMENTS MADE.

1520 REQUIRE ROAD CLOSURE FOR 7 APRIL 9 THROUGH AM, TIL 1300. A. O'NEIL - COE REP ADVISES MR W. POWDS OF WATER ISLAND CIVIC ASSOCIATION

1730 SECURE ALL PERSONNEL DEPART AREA

1745 AFTER ARRIVAL AT MARINA, WAS CONTACTED BY A MR. DICK WEBER OF WATER ISLAND.

WANTED TO KNOW IF WE HAD A COAST ZONE MANAGEMENT PERMIT FOR THE EQUIPMENT ON THE ISLAND. REFERRED HIM TO PROJECT MANAGER AND COE REP'S ADVISED PM.

THURSDAY 7 APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0730 ARRIVE WATER ISLAND. TEAM LEADER MEETING, TASKING AS FOLLOWS: TEAM 1 TO TA-4(1) AND TEAM 2 TO TA-5 TO CONTINUE OPERATIONS.

0830 OP₂/SAFETY BRIEFING. ASSIGNMENTS MADE. ADVISED ALL PERSONNEL TO REFER ALL INQUIRIES FROM LOCAL POPULACE TO MANAGEMENT FOR ACTION.

1315 RECEIVED HEAVY RAINS FOR EXTENDED TIME. MYSELF, POE-REP ROBINSON, SSO INSPECT WORK SITE'S. FLOODING AND SLIPPERY CONDITIONS EXIST IN AREAS. ALL WORK AREA'S. MOVED ALL PERSONNEL TO CP. INSTRUCTED PREVENTIVE MAINTENANCE BE DONE ON ALL EQUIPMENT FOR REMAINDER OF DAY.

1535 ADVISED VIA RADIO BY LARRY, EUGHT TO LAUNCH, THAT MR WEEGER HAD SOME OTHER WATER ISLAND RESIDENTS WISH TO MEET AT THE MARINA AT 17⁰⁰.

ADVISED PM HAD POE-REP ALFONSO O'NEIL

1730 SECURED FOR THE DAY. DEPART WATER ISLAND.

1745 INTRODUCED MR WEEGER TO MR O'NEIL. SECURED AGAIN. WEEK END ROUTINE.

MONDAY

11 APRIL 94

- 0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.
- 0735 ATTEMPTED TO LAND AT DOCK. ACCESS BLOCKED BY SHIP BELONGING TO PERSONNEL MOVING OUT OF THE WAREHOUSE. ARRIVAL DELAYED UNTIL SHIP AND DINGY MOVED.
- 0800 ARRIVE CP, TEAM LEADER MEETING. TASKING AS FOLLOW'S: TEAM 1 TO TA-4(1) FOR MAGNATOMETER/PLOTTING OP'S, TEAM 2 TO TA-5 TO CONTINUE SAMPLING OP'S.
- 0832 OP'S/SAFETY BRIEFING ASSIGNMENTS MADE. J. JOHNSON'S HAND STILL A LITTLE NUMB. ORDER J. JOHNSON TO SEE A DOCTOR FOR EXAMINATION. NOTIFY PM TO MAKE FIRST AVAILABLE APPOINTMENT.
- 1020 FURTHER TASKING FOR TEAM 1. BECKER AND HALL TO TA-6 FOR MAPPING. OTHER TEAM MEMBERS CLEAR FB-3, FB-1 AND START FB-2.
- 1345 TEU CEASE SAMPLING OPERATIONS DUE TO EXCESSIVE GROUND MOISTURE AND HUMIDITY. TEAM 2 TASKED TO GRID AND MAG OP'S.
- 1519 PM ADVISES HE HAS SCHEDULE APPOINTMENT FOR J. JOHNSON TO SEE DOCTOR. MAKE ARRANGEMENTS FOR TRANSPORTATION.
- 1525 J. JOHNSON DEPART'S. TEMPERATURE IN TA4(1) 95°.
- 1730 SECURE. DEPART WATER ISLAND.
- 1744 RECEIVE BRIEFING FROM PM AND J. JOHNSON ON STATUS. J. JOHNSON SEEN BY DR. SKIN L. ALLA. REFERRED TO ORTHOPEDIC^{IC} DOCTOR, WILL BE FURTHER EVALUATED ON 14 APRIL 94. HE REMAINS RESTRICTED FROM OPERATING WEED EATER, BUT NOT RESTRICTED FROM OTHER WORK. WYLE FORM WL 275-REV. 11-01-96 INITIATED.

TUESDAY 12 APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0730 ARRIVE ISLAND WITH TEAM LEADERS. TEAM LEADER MEETING. TASKING: TEAM 1 TO TA-4(1) FOR MAPPING, TEAM 2 TO TA-5 SAMPLING.

1400 R. STAUBER COMPLETED HIS 8-HOUR REFRESHER ADMINISTER AND TESTED BY SSO.

1520 MATHEW ST. LUCE REPORTS SORE LOWER BACK FROM GETTING OFF FORK LIFT. REMOVED FROM FORK LIFT OPERATION. AL RICH S. PARIS REPORTS CRAMP IN ARM FROM WEED EATER OPERATION. POSSIBLE HEAT CRAMP. REMOVED FROM WEED EATER OP'S FOR REMAINDER OF DAY. BOTH HEAVY EQUIPMENT OPERATOR'S, MAJESTIC.

1700 CHECKED BOTH ABOVE MENTIONED PERSONNEL. MR ST. LUCE STILL LITTLE SORE, MR PARIS ALRIGHT AT THIS TIME.

1730 SECURE. DEPART WATER ISLAND

WEDNESDAY 13 APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR
MARIAHA

0734 ARRIVE ISLAND WITH TEAM LEADER'S FOR
MORNING MEETING. TASKING WILL BE:
TEAM 1 TO FB-2 FOR AREA PREP WITH THE
EXCEPTION OF BECKER AND HALL DUEING
MAPS AT CP AND PREVIOUS SITES. TEAM 2
AT TA-5, CONTINUING SAMPLING.

0825 OP3/SAFETY BRIEFING, STRESSED UPON PERSONNEL
PROPER PPE AND EMPHASIZED ROTATION OF
PEOPLE ON DIFFERENT EQUIPMENT.

0900 ADVISED THAT MATTHEW ST. LUCE STILL
A LITTLE SORE IN LOWER BACK.

1700 HAD RAIN ON AND OFF THROUGHOUT DAY,
STARTING AT 0950 AND ON AND OFF TIL 1650.

1730 SECURE. DEPART WATER ISLAND.

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR MARINA.

0730 DAVE BECKER FILL IN FOR SROKO SUP. PERSONNEL
TO WATER ISLAND. ALRICH S. PARISH, HEAVY
EQUIPMENT OPERATOR, NO SHOW. FOLLOWING
PERSONNEL TO CLINIC TO HAVE BLOOD WORK
REDONE: D. LINDSEY, D. EBERSOLE, T. DAVIS,
J. JOHNSON, T. DUFFIELD AND F. CLARKE.

0830 OP / SAFETY BRIEFING FOR THE DAY. TASKING
IS TEAM 1 TO FB-2 FOR AREA PREP AND
SURVEYING. TEAM-2 UPON RETURN FROM
CLINIC TO TA-5 TO FINISH SAMPLING AND
CONTINUE GRID, MAG AND PLOT WORK.

0855 SROKO SUP RETURNS TO ISLAND WITH ALL
ABOVE PERSONNEL WITH THE EXCEPTION OF
J. JOHNSON. HE HAS SCHEDULE APPOINTMENT
WITH DR HENERY, REGARDING HEAD. ALL
PERSONNEL RECEIVE SAFETY BRIEFING.

0935 A. O'NEILL HAS VISITOR AT FB-2. ALEX
DONAHUE, FORMER U.S. ARMY, PRESENTLY
BARGE OPERATOR, WANT'S TO SHOW MR. O'NEILL
ORDNANCE BURIAL SITE THAT HE WITNESSED
IN THE 1960'S DURING THE SAN JOSE PROJECT.

1043 D. BECKER, SRO, M. ROBINSON-CEE, ~~WILL~~
MYSELF INSPECT FB-2 SUSPECT BURIAL
SITE. FB-2 CLEARING LIMITS NEED BE
EXPANDED. TASK TEAM 1 LEADER TO MARK
OFF ~~KNOWN~~ KNOWN AREA WITH ENGINEER TAPE
DURING FURTHER SURVEY OF AREA. WE
LOCATED A (1) TON SHIPPING CONTAINER,
~~IT~~ TEXTUALLY ID AS A TYPE D. PM ADVISED.

1305 ~~TEU READY~~ TEAM 1 READY TO SAMPLE
FB-3. WAITING ON TEU TO COME ON LINE.

1405 MATTHEW ST. LUCE REPORTED AS HAVING
CHEST PAIN. HAVE HIM EXAMINED BY TEU
ENT D.M. PENHOLLOW.

1433 SRO AND SROKO SUP INITIATE EVACUATION
OF MR ST. LUCE TO HOSPITAL. FURTHER
INVESTIGATION OF ST. LUCE'S CONDITION.

14 APRIL

ON 13 APRIL 94 WHILE ASSISTING IN DAILY
CHECK OUT OF DUMP TRUCK. HAD CAB OF
TRUCK HIT HIM ON HEAD, FAILED TO REPORT
INCIDENT. COE ENG FORM 3394, SEP 89, ACCIDENT
INVESTIGATION REPORT INITIATED. DUMP
TRUCK SECURED FOR INSPECTION BY 550.

1425 A. ROBINSON-COE AND 550 TO TAMARIND BAY
FOR QA/QC.

1502 ROBINSON-COE AND 550 RETURN. QA/QC COMPLETE
TAMARIND BAY COMPLETE. 550 INSPECTING
DUMP TRUCK, ~~FILE~~ INTERVIEWING PERSONNEL.

1635 HELD END OF WEEK MEETING. BRIEFED
ALL PERSONNEL ON HAPPENING'S.

1700 RECEIVED WORD FROM PM THAT MR ST. LUCE
WAS ALL RIGHT AND RELEASED FROM
HOSPITAL. MEDICAL REPORT TO FOLLOW.

1730 SECURE DEPART WATER ISLAND
WEEKEND ROUTINE.

MONDAY

18 APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPARTED FOR MARINA.

0730 ARRIVE WATER ISLAND WITH TEAM LEADERS FOR MORNING MEETING. TASKING FOR THE DAY: TEAM 1 TO FB-1 FOR SAMPLING AND FB-2 FOR CRUSH CLEARANCE, TEAM 2 TO CONTINUE TA-5 FOR MAG OP'S. SSO WILL COMPLETE ACCIDENT REPORT ON M. ST. LUCE.

0750 OP'S/SAFETY BRIEFING. ASSIGNMENTS MADE. M. ST. LUCE ASSIGNED CD DUTIES UNTIL PM PRODUCES RELEASE FROM DOCTOR.

1013 TEL ADVISES THAT DUE TO MAINTENANCE PROBLEMS THEY WILL NOT BE ABLE SAMPLE TIL 1300. OUR TEAM WAS READY AT 0910. STANDING BY.

1250 PM AND A. MASTROMONICO, C. ELCOCK ARRIVE TO APPRAISE TRASH REMOVAL IN TA-4(2) AND TA-5. SHOULD NOTE THAT TA-4(2) IS NOW FULL AND OVER THE WEEKEND LOCAL RESIDENTS STARTED DUMPING TRASH IN TA-5.

1300 TEL READY TO SAMPLE TA-5

1400 PM PRESENTS DOCTOR'S RELEASE FOR MR M. ST. LUCE TO RESUME DUTIES.

1605 TEL NOTIFIES US MINI-CAMS DOWN TEAM 1 SECURING SAMPLING OPS FOR THE DAY.

1730 SECURE. DEPART WATER ISLAND.

TUESDAY

19 APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0730 ARRIVE WITH TEAM LEADER'S FOR MORNING MEETING. FOLLOWING LOCAL HIRE'S TO LAB AND DOCTOR'S OFFICE FOR HAZ MAT WORKER'S PHYSICALS: A. S. PARISH, MATHEW ST. LORE, LENARD REYNOLDS AND KENNETH THOMAS.

THE DAYS TASKING AS FOLLOWS: TEAM 1 TO FB-1 TO SAMPLE AND FB-2 TO SURVEY AND FL SAMPLE BOUNT'S. TEAM 2 TO TA-5 TO COMPLETE MAG OP'S AND CONCRETE IN MONUMENTS.

0750^{PM} OP'S / SAFETY BRIEFING. ASSIGNMENTS MADE.

0829^{PM} ACCIDENT REPORT COMPLETE. SIGNED BY PM, TURNED OVER TO J. ROBINSON-CEO

0920 TEU DELAYS SAMPLING ~~AT~~^{PM} DUE TO EQUIPMENT FAILURE. APPROXIMATE DOWN TIME (1) HOUR.

0925 DESIGNATED VEHICLE ARRIVES ON ISLAND.

SSO DISPATCHED TO INSPECT FOR SERVICABILITY

1013 SSO COMPLETE'S VEHICLE INSPECTION. FOUND ACCEPTABLE

1028 SAMPLING STARTS IN FB-1.

1130 K. THOMAS RETURN'S FROM LAB WORK. RECEIVES SAFETY BRIEFING

1230 SAMPLING TEAM READY FOR WORK. TEU, MINI CARS NOT ON LINE TIL 1400.

1630 TA-5 COMPLETED. GRIDDING, MAGGING AND PLOTTING DONE.

1730 SECURL. DEPART WATER ISLAND.

WEDNESDAY 20 APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR MARINA.

0730 ARRIVE WATER ISLAND. TEAM LEADER AEE "K
D. BECKER, T. HALL, R. STAUDER AND PATRICK
WILLIAMS TO LAB AND DOCTOR FOR PHYSICALS.
TASKING FOR THE DAY: REMAINDER OF TEAM
TO FINISH PUTTING IN LAST(3) SAMPLE POINTS
IN FB-2 AND BRUSH CUTTING, TEAM 2 TO
DO SAMPLING IN FB-2 AND ASSIST IN
BRUSH CUTTING AND AREA PREP.

0815 OPS/SAFETY BRIEFING, ASSIGNMENTS MADE

1125 P. WILLIAMS RETURNS FROM LAB WORK. GET
SAFETY BRIEF, GOES TO FB-2

1523 SAMPLING COMPLETE IN FB-2

1730 SECURE DEPART WATER ISLAND -

LATE ENTRY

0700 MIKE MORAN ARRIVES AND ASSUMES POSITION
AS PROJECT MANAGER, REPLACING J. THOMAS

THURSDAY 21 APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR MARINA.

0730 ARRIVE WATER ISLAND. TEAM LEADER MEETING,
PM ATTEND'S. TASKING FOR BOTH TEAM'S
TODAY IS THE PREPARATION OF FB-2, BRUSH
CUTTING, SCRAP METAL RE-LOCATION.

0745 Op's / SAFETY BRIEFING. ASSIGNMENT'S MADE.

0900 MORNING EQUIPMENT CHECK REVEAL'S
BROKEN MOTOR MOUNT ~~BT~~^{SC} ON FORKLIFT.
SHOULD BE NOTED SAME MOTOR MOUNT WELDED
PREVIOUSLY. REPORTED TO MAJESTIC FOR ACTION.

1340 FRONT END LOADER LOSES HYDRAULIC HOSE.
REPAIRED ON SITE.

1515 MR WILLIAM COULTER, WATER ISLAND HOTEL
GROUP, VIOLATE'S SITE ~~BT~~^{SC} BY ENTERING
ON HIS OWN AND COMMENCING TO TAKE
PICTURE'S OF AREA. ESCORTED FROM SITE BY
G. ZIMMERMAN AND REFERRED TO SR UXO SUP
AND BOTH COE REP'S.

1521 SR UXO SUP, M. ROBINSON - COE AND A. O'NEILL -
COE ADDRESS MR. COULTER'S PRESEN^{CE}.
COE REP'S RESOLVE.

1630 END OF WEEK MEETING, CP REVIEW, SAFETY.

1730 SECURE. DEPART WATER ISLAND. WEEK END
ROUTINE. FORKLIFT DOWN WHOLE DAY.

MONDAY 28th APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR MARINA.

0730 ARRIVE WATER ISLAND. TEAM LEADER
MEETING, TASKING AS FOLLOWS: TEAM 2 TO
FB-2 FOR ADDITIONAL^{8th} SHAPLING AND AREA
PREP. TM 1 MEMBER'S ZIMMERMAN AND
BROWNWY TO TA-4(1) TO CEMENT MONUMENTS.
FOLLOWING^{8th} PERSONNEL TO LAB AND DOCTOR
OFFICE TO COMPLETE PHYSICAL'S: D. BECKER,
T. HALL, R. STACIBER, A. PARISH, M. STLUCE,
L. REYNOLDS, P. WILLIAMS AND K. THOMAS.

FORKLIFT TO BE^{8th} SECURED. MECHANIC
ON SITE. OP'S/THIRTY BRIEFING. ASSIGNMENTS MADE.
1200 PERSONNEL RETURN FROM PHYSICAL'S, EXCEPT
T. HALL, ~~A. STACIBER~~ P. WILLIAMS ~~AND~~^{8th} AND
K. THOMAS. THEY WILL COMPLETE THIS AFTERNOON.
ALL PERSONNEL TO FB-2 FOR TRIPLET COUNCIL.

1410 VISIT FB-2, ADDRESS TEAM LEADER'S AN.
REVIEW WORK PROGRESS. TEU DOING SPOT
MONITORING AND STANDING BY TO RENDER
ASSISTANCE IF NEEDED.

1730 SECURED. DEPARTED WATER ISLAND.

TUESDAY 26 APRIL 94

DEPART 0645 ALL PERSONNEL ACCOUNTED FOR. DEPARTED FOR MARINA.

ED 0730 ARRIVE WATER ISLAND. TEAM LEADER MEETING. TAKING AS FOLLOWS: TEAM 1 AND 2 BOTH TO FB-2 TO CONTINUE AREA PREPARATION. PM AND SSO IN ST. THOMAS ACQUIRING SURVEY EQUIPMENT, BACK BRACE SUPPORT'S AND RENEWING RENTAL AGREEMENT ~~FOR~~^{THE} CONTRACT'S ON EQUIPMENT. WILL PERFORM SSO DUTIES.

TO DOCTOR, 1022 SR UXO SUP DOES SITE SAFETY INSPECTION FB-2, TEAM 1 & 2. NO PROBLEMS OBSERVED.

MECHANIC 1315 ADVISED BY TEAM 2 THAT THEY ~~EXPL~~^{EXPL} UNCOVERED A PILE OF BATTERIES IN FB-2. WILL INVESTIGATE EXCEPT 1342. ARRIVE FB-2 WITH JOE REP'S. NUMEROUS BATTERIES FOUND UNDER DISCARDED TIRE PILE. PERFORM SAFETY INSPECTION OF TEAM'S 1 AND 2.

1410 ADVISED BOTH TEAM'S TO STAY CLEAR OF BATTERY AREA UNTIL FURTHER INVESTIGATION COULD DETERMINE IF MOVING THE BATTERIES WAS WARRANTED OR NOT.

1554 RETURNED TO FB-2 WITH M. ROBINSON FOR SITE VISIT. EXTREMELY WARM TEMPERATURE'S NOTED. ADVISED TEAM LEADER'S TO KEEP CLOSE WATCH ON ALL PERSONNEL.

1730 SECURE. DEPART WATER ISLAND.

LATE ENTRY

0735 OP'S/SAFETY BRIEFING GIVEN. ASSIGNMENTS MADE

WEDNESDAY 27 APRIL 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR ~~WATER~~ MARINA

0745 ARRIVE WATER ISLAND. TEAM LEADER
MEETING. TASKING AS FOLLOWS: BOTH
TEAM'S TO FB-2 FOR AREA PREP. PM,
SSO/QC, AND MRE MORAN TO TA4(1)
AND TA-6 FOR SURVEYING. WILL BE
~~SUPPLEMENTED~~^{OR} AUGMENTED BY VARIOUS
TEAM MEMBER'S AS REQUIRED.

0830 Op's / SAFETY BRIEFING. ASSIGNMENTS MADE.

1120 UPON COMPLETION OF FURTHER INSPECTION
OF FB-2 BATTERY PILE, SR UXO SUP DETERMINE
THEY DO NOT WARRANT MOVING. BASED ON
IMMEDIATE SURROUNDING AREA BEING
SATURATED WITH GEOPHYSICAL TARGET'S.

1135 SAME DETERMINATION, AS ABOVE, MADE
IN REFERENCE TO FULL DRUMS LOCATED
IN FB-2. SAFETY INSPECTION OF AREA
CONDUCTED. EVERYONE LOOKS GOOD.
TEMPERATURE IN 90's. MOST STRESS, STRESSED.

1330 CONDUCTED SITE VISIT TO FB-2, PERFORMED
SAFETY INSPECTION. NOTHING TO REPORT.

1730 SECURE. DEPART WATER ISLAND

WEDNESDAY 20 APRIL 19

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR MARINA.

0750 ARRIVE WATER ISLAND. TEAM LEADER
MEETING TALKING FOR THE DAY AS FOLLOWS
TEAM'S 1 & 2 TO COMPLETE AREA PREP AT FB-2
AND COMMENCE GRID LAY OUT'S IN PREPARATION
FOR MAGNETOMETER SWEEP. PM, SSO/RC AND
COE-ROBINSON TO CONTINUE SURVEY POINT'S
IN TR-6, TA-5.

~~0800~~ 0845 OPS/SAFETY BRIEFING. ASSIGNMENTS MADE

0929 DID FURTHER INSPECTION OF TA-4(2) IN
ANTICIPATION FOR START OF AREA. FOUND
POSSIBLE BURIAL SITE WITHIN NOT NOTED
EXTRER.

0945 SITE INSPECTION AT FB-2 IN CONJUNCTION
WITH SAFETY INSPECTION. NOTHING TO REPORT
AREA IS LOOKING GOOD

1510 ~~1500~~ DO SAFETY INSPECTION/SITE VISIT TO
FB-2. TEAM'S ESTABLISHING LANE'S. TERMINATING
IN THE 90'S.

1610 END OF WEEK OPS MEETING, REVIEW.

1700 SECURE. DEPART WATER ISLAND.

MONDAY 2 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0730 ARRIVE WATER ISLAND. TEAM LEADER MEETING TASKING FOR THE DAY AS FOLLOWS: PM, SSO/QC AND LES CLARK TO COMPLETE SURVEY OF MONUMENT'S IN TA-5, FB-2 AND FB-3. TEAM 1 AND 2 TO FB-2 TO CONTINUE GRIDDING, MAGGING AND PLOTTING. ALL HEAVY EQUIPMENT OPERATOR'S TO START CONSOLIDATING ALL BRUSH CUT FROM SITE'S IN TA-5. ZIMMERMAN IN CHARGE.

0815 OP'S/SAFETY MEETING. ASSIGNMENT'S MADE.

0945 VISIT TO FB-2 TO REVIEW WORK AND CONDUCT SITE SAFETY VISIT. NOTHING TO REPORT.

1105 TEAM LEADER 2, DON EBERSOLE, REPORT'S HE ~~HAS~~^{HE} HAS POSSIBLY FOUND THE BURIED AUTO'S IN GRID B OF FB-2.

1400 INSPECTED TA4(2) IN PREPARATION FOR WO

1730 SECURED. DEPART WATER ISLAND.

2030 MET WITH PM AT HOTEL TO COVER ~~OUR~~^{OUR} THE PLAN FOR VISIT BY COMD'S REP'S ON 3 MAY 94.

2130 SECURE.

TUESDAY 3 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPARTED FOR MARINA.

0745 TEAM LEADER MEETING AFTER ARRIVAL AT WATER ISLAND. DAILY TASKING AS FOLLOWS:

TEAM'S 1+2 TO FB-2, TO COMPLETE MAG OP'S

ZIMMERMAN AND EQUIPMENT OPERATOR'S TO

CONTINUE BRUSH CONSOLIDATION, BECKER,

THOMAS AND WILLIAMS TO TA4(2) TO CLEAR

PATH FOR VISITOR'S EXPECTED THIS MORNING

1030 TEAM 2 LEADER REPORT'S KENNETH THOMAS

HAS EYE IRRITATION. K. THOMAS BELIEVES

IT WAS CAUSED BY DUST IN THE AREA

AND REQUEST'S TO GO TO THE DOCTOR AT

LUNCH.

LAR ENTRY
*0815

OP'S/SAFETY BRIEFING. ASSIGNMENT'S MADE

1100 FOLLOWING COE VISITOR'S ON ISLAND AND

RECEIVE SAFETY BRIEF: R. FITZPATRICK-PM,

K. WILLIAMS-SAFETY, R. BRIDGERS-CIVIL ENGINEER,

C. OVERSTREET-ENVIRONMENTAL, A. O'NEILL-SITE REP,

M. ROBINSON-SITE SAFETY. BRIEFED ALL VISITOR'S

AND GAVE TOUR OF SITE'S TH4(1), TH4(2),

FB-1, FB-2, FB-3 AND TH-5. GIVE GO AHEAD TIME

1200 K. THOMAS TO DOCTOR'S. ACCIDENT

INVESTIGATION REPORT ENG FORM 3394, SEP 59,

INITIATED. ACTUAL EYE INJURY OCCURRED

ON 2 MAY 94 AND NOT REPORTED

TEAM 2 REPORT'S COMPLETION OF MAG OP'S

IN FB-2. TASK TO MAPPING AND SITE BREAK DOWN

1503 ALL VISITOR'S DEPART ISLAND. SHOULD START

TA4(2) MONDAY 9 MAY 94.

1600 PROVIDED TOUR OF TA4(2) TO ALL SITE PERSONNEL

1730 SECURE. ALL DEPART WATER ISLAND.

WEDNESDAY 4 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPARTED FOR MARINA.

0730 ARRIVE WATER ISLAND. TEAM LEADER MEETING. TASKING AS FOLLOWS: TEAM 1 TO PREPARE EQUIPMENT TO GO TO TAMARIND TREE BAY FOR GEOPHYSICAL SEARCH, GRIDDING, MAGGING, PLOTTING. THIS BEING DONE DUE TO MISUNDERSTANDING BETWEEN PM'S PRIOR WHEN AREA WAS DONE FIRST TIME. TEAM 2 TO FB-2 TO SET UP FOR OP'S IN FB-1, WILL DO GEOPHYSICAL SEARCH. SAME AS ABOVE.

0835 OP'S/SAFETY BRIEFING. ASSIGNMENTS MADE.

0915 ESCORTED THE FOLLOWING PERSONNEL TO TA4(2) AND TA5 TO REVIEW AUTO'S AND TRASH: MR LANA BERRY, MR PAUL DRINKWINE AND MR LARRY DONAHUE.

1001 VISITOR'S DEPART WATER ISLAND.

1135 RECEIVE ONLY WOOD CHIPPER/MULCHER AVAILABLE IN THE USVI ON WATER ISLAND.

1350 INSPECTED MULCHER AND TRAINING PROVIDED BY MIKE MORAN ON SAME. SUPER TOMAHAWK, 2 IN 1 CHIPPER SHREDDER FROM GARDEN WAY MANUFACTURERS, 'MAKER'S OF TROY-BILT' ROTO TILLER'S. TASKED LES CLARK AND LOCAL WORKERS TO PROCEED TO TA-5 AND START CHIPPING BRUSH.

1535 FB-3 AND TAMARIND TREE BAY OP'S COMPLETE. TEAM'S BREAKING DOWN SITE.

1700 DETERMINED THAT ABOVE CHIPPER/MULCHER NOT ADEQUATE TO PERFORM MISSION. DIRECTED SEIZURE OPERATION, WILL RETURN MACHINE.

1730 SECURE. ALL PERSONNEL OFF ISLAND.

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR MARINA.

0731 ARRIVE WATER ISLAND. TEAM LEADER MEETING.
TASKING AS FOLLOWS: TEAM 1 TO TA-4(2) TO
CLEAR EXTERIOR BRUSH FROM GATE OPENING,
AND TO INVENTORY, COUNT AND DO PREVENTIVE
MAINTENANCE ON ALL TOOL'S AND EQUIPMENT.
TEAM 2, TO TA-5 AND FB-2 TO CEMENT IN
MONUMENT'S IN THEM AREA'S.

0815 CP'S / SAFETY BRIEFING. ASSIGNMENT'S MADE

1005 SEND PM AND ZIMMERMAN IN TO RETURN CHIPPER
AND PICK-UP EQUIPMENT FOR TA-4(2) CP.

1014 FOLLOWING VISITOR'S REPORT TO FB-2 FOR
SITE VISIT'S. R. BURN - DOI, COE - PM R. FITZPATRICK,
COE - R. BRIDGES, COE - MIKE ROBINSON, ^{J. AVER} ~~H. D. AVER~~ ^{2nd} WI.
ASSOCIATION PRESIDENT, W. COULTER - WI HOTEL GROUP.
VISIT SITE'S FB-1, 2, 3, TA-4(1), TA-4(2) TA-5.
SAFETY BRIEFING GIVEN AND ^{2nd} VISITOR'S SIGNED
IN.

1100 A. O'NEILL - COE SITE REP ARRIVE'S WITH ONE
GUEST. W. HOLFMEYER - COE. JOIN'S ABOVE TOUR.
WHILE VISITING TA-4(2) MR COULTER ADVISES
THERE'S HOTEL PROPERTY IN TA-4(2). HE AUTHORIZES
COR USE OF OLD TRAILER IN AREA FOR AUTO'S.

1200 ALL VISITOR'S EXCEPT MR W. HOLFMEYER, DEPART
WATER ISLAND'S.

1420 MR HOLFMEYER DEPART'S ISLAND.

1630 SECURE. DEPART WATER ISLAND FOR SCHEDULE
ALL END OF WEEK MEETING.

1735 SECURED. WEEK END ROUTINE. SAFETY REPORT
ON K. THOMAS'S INCIDENT EARLIER IN THE
WEEK, COMPLETE AND SIGNED.

FRIDAY 13 MAY 94

0600 CONTACTED LAUNCH WITH LARRY FOR TRANSPORTATION TO WATER ISLAND.

0610 NOTIFIED BY PM THAT CRANE WOULD NOT BE GOING TO WATER ISLAND.

CANCELLED LAUNCH AT THIS TIME.

0620 DEPARTED WITH AM TO MARINA TO TRY TO FIND OUT WHAT'S HAPPENING.

0630 NEGATIVE CONTACT WITH CRANE OPERATOR/OWNER.

0730 J. JOHNSON ASSIGNED TO PM FOR THE DAY.

PM CONTACT'S SUB-CONTRACTOR. ADVISE'S POSSIBILITY OF SUB-CONTRACTOR WITH DRAWING HIS BID. GIVEN TO NOON TO COMPLY.

0810 PM AND SUXO TO DPW TO PICK-UP NO DUMPING SIGN & ADD POST 2 FOR W.I.

0830 RETURN TO MARINA AND DELIVER SIGN'S AND POST TO LAUNCH FOR TRANSPORT TO W.I.

0845 RETURN TO EMERALD BEACH RESORT.

1100 PM AND JOHNSON OUT TO REQUISITION GEAR FOR TH4(2) CAR OP.

1200 TOM HALL DEPARTS JOB. PM ADVISE'S WE HAVE NEW SUB-CONTRACTOR FOR TH4(2) OP.

OLD CONTRACTOR UNABLE TO COMPLY.

1710 PM AND JOHNSON RETURN FROM SHOPPING. COMMENCE UNLOAD OF GEAR.

1730 SECURE.

SATURDAY 14 MAY 94

0900 ADVISED BY PM THAT NEW SUB-CONTRACTOR'S WATER TRANSPORTATION IS READY OR WILL BE READY FOR INSPECTION AT 1515.

1345 PM, SUYO AND JOHNSON TO MARINA.

1500 DEPART MARINA WITH LUNCH WITH LARRY, NEW SUB-CONTRACTOR, TO INSPECT SUNBOW LANDING CRAFT, LOCATED IN TAMARIND BAY.

1510 ARRIVE. LANDING CRAFT LOOK'S GOOD. CRANE ON CRAFT WILL NOT BE USED.

1545 DEPART SUNBOW CRAFT FOR MARINA.

1600 ARRIVE MARINA. PM COMMENCEE'S CONTRACT REVIEW WITH MR DONAHUE. CONTRACT SIGNED. NEW SUB-CONTRACTOR WILL COMMENCE WORK IMMEDIATELY. REQUEST ESCORT 15 MAY 94 SO HE CAN DELIVER TRASH BINS TO WE. SUYO WILL DO.

1635 SECURE.

SUNDAY 15 MAY 94

0900 SUXO, ZIMMERMAN AND DAVIS LOAD
VEHICLE WITH ALL EQUIPMENT REQUIRED
TO BE TRANSPORTED TO WI. AND
DEPART FOR WI.

0915 ARRIVE MARINA. WAITING FOR TRANSPORT
TO WI.

1010 DEPART FOR WI, SUXO, BECKER, DAVIS AND
LARRY AND ANGIE DONAHUE OF ~~EX~~ LACURTH
WITH LARRY, SUB-CONTRACTOR.

1031 ARRIVE WI, TRANSPORT GEAR TO CP, DO
SAFETY BRIEFING. STAND-BY FOR TRASH
BIN DELIVERY.

1115 FIRST 20 CYD BIN ARRIVES AND IS STAGED
IN T4H(1). PM ON SITE.

1200 DAVIS TO POST SIGNS ON TRASH BIN'S
STATING "NO DUMPING".

1233 SECOND TRASH BIN 20 CYD ARRIVES AND
STAGED IN T4H(1). SIGN POSTED.

1240 ALL CONTAINER'S IN PLACE AT THIS TIME
AND POSTED.

1310 DEPART WI, ALL PERSONNEL OFF ISLAND

1330 ARRIVE MARINA

1400 SECURE. CONTINUE WEEKEND ROUTINE

MONDAY 16 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0740 ARRIVE WATER ISLAND. TEAM LEADER MEETING. TASKING AS FOLLOWS: BOTH TEAM'S TASK ORGANIZED AS FOLLOWS^{BY}: VEHICLE PREP- DAVIS, CLARK, JOHNSON. HEAVY EQUIPMENT GUIDE'S- BROADWAY, STAUGER, TRASH REMOVAL- ZIMMERMAN, BRUSH REMOVAL- DUFFIELD, THOMPSON, WILLIAMS. TEAM LEADER'S TASKED TO CONTINUOUS SUPERVISION OF ALL ACTIVITIES AND COORDINATION OF LANDING CRAFT AND TRASH BIN ARRIVAL'S, STAGING AND DEPARTURE'S.

0825 Op's / SAFETY BRIEFING. ASSIGNMENT'S MADE.

0905 FRONT LOADER DOWN, BATTERIES DEAD. CREW ATTEMPT'S TO JUMP START. MAJESTIC NOTIFIED.

0930 FRONT LOADER RUNNING. STILL REQUEST BATTERIES.

1125 ZIMMERMAN REQUEST'S SUXO SUP. TALK TO COE-REP A. O'NEILL ABOUT WANDERING AROUND THE WORK SITE'S WITHOUT CHECKING IN WITH SITE SUPERVISOR'S. DONE.

1157 SUNBOWT DELIVER'S 20 CU YD EMPTY CONTAINER, REMOVE'S (1) 20 CU YD FULL CONTAINER.

1410 SUNBOWT RECEIVE'S CAR'S 2, 3, AND 5 ^{AND} DEPART'S.

1440 MAJESTIC MECHANIC ON SITE. NO BATTERIES, JUST FLUID FOR FRONT LOADER. DOWN AT THIS TIME UNTIL FURTHER NOTICE.

1450 FRONT LOADER UP.

1520 ZIMMERMAN REPORT'S TO SUXO SUP THAT THEY UNCOVERED A PILE OF DISCARDED BATTERIES IN TA-4(2). DIRECT SSO TO PHOTOGRAPH BATTERIES.

1624 SUNBOWT DEPART'S WITH CAR'S 1, 6, 7, AND 8.

1705 BECKE OBSERVE'S (4) UNAUTHORIZED PERSONNEL IN TA 4(2). COE-REP A. O'NEILL, UXO SUP EBERSELE, UXO SPEC. DAVIS GO TO INVESTIGATE.

1716 UNAUTHORIZED PERSONNEL DEPART TA-4(2), ABOVE PERSONNEL RETURN.

1720 ALL PERSONNEL WITH THE EXCEPTION OF SA UXO SUP AND CHASE BOAT DEPART WATER ISLAND.

MONDAY 16 MAY 94 (CONTINUED)

EMPTY CONTAINER.

1812 SUNDOWN DEPART'S WITH FULL 20 CYD
CONTAINER.

1820 Op's FOR THE DAY COMPLETE. TOTAL TRANS.
REMOVAL (40) CYD'S. TOTAL CAR'S (7).

1825 SECURE. ALL PERSONNEL OFF ISLAND.

TUESDAY 17 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0735 ARRIVE WATER ISLAND TEAM LEADER MEETING. TASKING FOR THE DAY REMAINS THE SAME AS THAT OF 16 MAY 94.

0815 OP'S / SAFETY BRIEFING. ASSIGNMENT'S MADE. ADVISE PERSONNEL OF THE POSSIBILITY OF DISCOVERING COMMERCIAL MARINE ORDNANCE ITEM'S DUMPED IN TH-4(2), I.E. SIGNAL FLARE'S.

0835 FRONTEND LOADER DOWN. WON'T START. MAJESTIC NOTIFIED, REQUESTED BATTERIES AGAIN. SECOND DAY NOW.

0947 FRONT END LOADER JUMP STARTED. STILL REQUEST NEW BATTERIES.

0919 SUNBOWT DELIVER'S (1) EMPTY 20 CYD CONTAINER AND DEPART'S WITH (1) FULL 20 CYD CONTAINER.

1015 SUNBOWT RETURN'S, READY FOR CAR'S.

1057 SUNBOWT DEPART'S WITH CAR'S 4, 9, 10, 11, AND 12.

1210 ADVISED MULE FOR TRASH BIN'S BROKE HYDRAULIC LINE ON ST. THOMAS.

1700 OP'S FOR THE DAY COMPLETE. TOTAL TRASH REMOVED (1) 20 CYD. TOTAL CAR'S (5).
TOTAL TO DATE: 60 CYD TRASH, 12 CAR'S.

1730 SECURE. ALL PERSONNEL OFF ISLAND.

WEDNESDAY 10 MAY 74

- 0645 ALL PERSONNEL ACCOUNTED FOR DEPART
FOR MARINA. MORAN AND F. CLARK T. PHYSICAL'S.
- 0730 ARRIVE WATER ISLAND. TEAM LEADER MEETING
TAKING THE SAME AS 17 MAY. TRASH OP'S TAKEN
- 0745 SUNBOWT ARRIVE'S WITH (1) EMPTY 20 CUYD CONTAINER
- 0900 OP'S/SAFETY BRIEFING. ASSIGNMENT'S MADE.
SUNBOWT DEPART'S EMPTY. FRONT LOADER DOWN.
- 0949 SUNBOWT ARRIVE'S
- 0905 SUNBOWT DEPART'S WITH CAR'S 13, 18 AND 22.
- 0925 FRONT LOADER UP
- 0949 MORAN AND CLARK RETURN, BRIEFED.
- 0954 SUNBOWT ARRIVE'S
- 1004 SUNBOWT DEPART'S WITH (20) CUYD'S TRASH
- 1035 SUXO BRIEFED BY COE A. O'NEILL ON INSPECTION
OF MULE DRIVER. REPAIR NEEDED ON RIGHT
FRONT SIGNAL, SEAT BELT'S REQUIRED, REAR
WINDOW REPLACED BY 23 MAY 74.
- 1048 SUNBOWT ARRIVE'S
- 1100 ~~1055~~ SUNBOWT DEPART'S WITH CAR'S 14, 15, 25, 27.
- 1151 SUNBOWT ARRIVE'S
- 1201 SUNBOWT DEPART'S WITH 20 CUYD'S TRASH
- 1323 PM AND CLARK TO LAB FOR TERMINATION PHYSICAL'S.
- 1412 MR SCOUTER CALLED AND REQUESTED ACCESS TO TA4(1)
TO IDENTIFY HOTEL PROPERTY.
- 1423 SUXO SUX AND A. O'NEILL-COE, MEET MR SCOUTER AT
TA-4(2), MR SCOUTER SHOWS HOLD HARMLESS BUCK
TO ENTRANCE. SUNBOWT ARRIVE'S
- 1431 SUNBOWT DEPART'S WITH 20 CUYD'S TRASH
- 1440 MR SCOUTER FINISHES VISIT. ONLY PROPERTY HE
WISHES TO SALVAGE (1) YELLOW LOW-BAY TRAILER.
- 1517 SUNBOWT ARRIVE'S.
- 1524 SUNBOWT DEPART'S WITH CAR'S 29, 31, 32 AND 33.
- 1544 DAVIS ADVISES FORKLIFT NEEDS HYDRAULIC FLUID FOR
TOMORROW. MAJESTIC NOTIFIED.
- 1605 SUNBOWT ARRIVE'S.
- 1616 SUNBOWT DEPART'S WITH 20 CUYD'S TRASH
- 1700 OP'S FOR THE DAY B^x COMPLETE. TOTAL
TRASH REMOVED FOR THE DAY 91 WDS TAKEN

18 MAY 94

LOTE RUBY

1325

SUNBONT ARRIVE'S

LATER RUBY

1334

SUNBONT DEPART'S WITH CAR'S 19, 24, 29, 30.

TOTAL COUNT TO DATE: 140 CYDS TRASH AND

27 CAR'S.

1730

SECURE ALL PERSONNEL OFF ISLAND.

0645 ALL PERSONNEL ACCOUNTED FOR DEPART
FOR MARINA.

0735 ARRIVE WATER ISLAND TEAM LEADER MEETING
TAKING SAME AS 12 MAY 84; TRASH AND
CAR'S OP'S. SEPARATARIOAL HELP FOR THE
DAY IS NO SHOW. SECOND TIME IN 3 WEEK'S.

0750 OP'S/SAFETY BRIEFING. ASSIGNMENTS MADE.

0827 SUNBOWT ARRIVE'S, DELIVER'S CONTAINER.

0831 SUNBOWT DEPART'S.

0919 SUNBOWT ARRIVE'S.

0931 SUNBOWT DEPART'S WITH 20 CUYDS TRASH.

1022 SUNBOWT ARRIVE'S.

1029 SUNBOWT DEPART'S WITH CAR'S 40 AND 41.

1059 PROJECT MANAGER DEPART'S.

1150 SUNBOWT ARRIVAL. A. O'NEILL TO TA-4 WITH MA.
POND'S TO DELIVER COE NEWS BULLETIN ON
PROJECT STATUS.

1202 SUNBOWT DEPART'S WITH ~~20~~²¹ 20 CUYDS TRASH.

1257 SUNBOWT ARRIVE'S.

1306 SUNBOWT DEPART'S WITH CAR'S 36, 42 AND 46.

1332 RECEIVING HEAVY RAIN'S AT THIS TIME WORK
STOPPAGE.

1342 BACK TO WORK.

1405 SUNBOWT ARRIVE'S.

1419 SUNBOWT DEPART'S WITH 20 CUYDS TRASH.

1430 A. O'NEILL, REMIND'S SUXXO SUP, THAT IF MULE
VEHICLE ISN'T REPAIRED BY MONDAY, HE'LL
STOP OPERATION'S - NOTED.

1449 ARNIE FROM MAJESTIC CALLED AND ADVISED.
SUXXO SUP THAT HE NEEDED TO SEND A
MECHANIC OVER TO DO MAINTENANCE ON
FORKLIFT. ADVISED ARNIE TO ARRANGE
TRANSPORTATION FOR HIS MECHANIC.

1508 SUNBOWT ARRIVE'S.

1521 SUNBOWT DEPART'S WITH CAR'S 44, 49, 50, 51.

1606 A. O'NEILL - COE, DEPART'S W.I. TO OBSERVE TRASH
OP'S AT SAND POINT ON ST. THOMAS.

1609 SUNBOWT ARRIVE'S.

1621 SUNBOWT DEPART'S WITH 20 CUYDS TRASH.

19 MAY 94

COMPLETE'S OP'S FOR THE DAY. WE HAVE
8' TO 10' SWELL'S ON THE WATER, WILL
HAVE TO SHUTTLE ALL PERSONNEL TO
FERRY DOCK, W.I. FOR DEPARTURE

1635 END OF WEEK CREW MEETING AND REVIEW.
FRONT END LOADER WILL DEPART ISLAND
FOR THE WEEKEND AND BE RETURNED
ON 23 MAY 94.

1700 TOTAL TRASH REMOVED FOR THE DAY 60 CUYDS
AND CAR'S WAS 12. TOTAL COUNT TO DATE:
200 CUYDS TRASH, 39 CAR'S. STARTED SHUTTING
PEOPLE TO FERRY DOCK.

1735 ALL PERSONNEL GONE OFF ISLAND EXCEPT
SUXO.

1750 SUXO DEPART'S. ALL SECURE WEEKEND
ROUTINE.

MONDAY 23 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR. JACK THOMAS ARRIVED LAST NITE. DEPART FOR MARINA.

0736 ARRIVE WATER ISLAND. TEAM LEADER MEETING. TASKING REMAIN THE SAME. TRASH AND CAR OP'S OP'S/SAFETY BRIEFING AT THIS TIME.

0754 SUNBOWT ARRIVE'S WITH EMPTY CONTAINER. NOTE: SOMEONE DEPOSITED 12 LARGE BAG'S OF TRASH IN LANDING AREA OVER THE WEEKEND.

0801 SUNBOWT DEPART'S WITH CAR'S 17, ~~36~~³⁷, 38, 39. ADVISED BY T. DAVIS THAT FORKLIFT WAS DOWN DUE TO SPLIT FUEL LINE. NOTE THAT FORKLIFT WAS FINE ~~THIS WEEK~~^{WEEK} THROUGHOUT LAST THURSDAY. MAJESTIC DID MAINTENANCE ON IT THIS PAST WEEKEND. SEEMS SUSPICIOUS. ADVISED ARDIE OF MAJESTIC. SAID HE WOULD SEND MECHANIC OUT.

0955 SUNBOWT ARRIVE'S

0924 SUNBOWT DEPART'S WITH 20 CYD'S TRASH

1027 SUNBOWT ARRIVE'S

1036 SUNBOWT DEPART'S WITH 20 CYD'S TRASH

1128 SUNBOWT ARRIVE'S

1132 FORK LIFT IN OPERATION. REPAIRED BY SUND AND OPERATOR. CALLED MAJESTIC AND ADVISED THEM THAT WE HAD A BROKEN WIRE ON THE FRONT LOADER. NEED A CONNECTOR. MECHANIC WILL BRING OUT.

1137 SUNBOWT DEPART'S WITH 20 CYD'S TRASH

1203 ADVISED BY MAJESTIC THAT MECHANIC WAS READY FOR PICK-UP AT ~~FOR~~^{FOR} MARINA.

1300 SUNBOWT ARRIVE'S

1309 SUNBOWT DEPART'S WITH 20 CYD'S TRASH

1310 PM DEPART'S WATER ISLAND.

1404 SUNBOWT ARRIVE'S.

1415 SUNBOWT DEPART'S WITH CAR'S 36, 62.

1509 SUNBOWT ARRIVE'S.

1520 SUNBOWT DEPART'S WITH CAR'S 45, 54.

1604 SUNBOWT ARRIVE'S

23 MAY 94

SUNBOWT OPERATIONS COMPLETE FOR THE DAY.

TOTAL TRASH REMOVED FOR THE DAY 80 CUYDS,

TOTAL CAR'S 11. TOTAL COUNT TO DATE:

280 CUYDS TRASH, 50 CAR'S.

1730 SECURE ALL PERSONNEL OFF ISLAND.

TUESDAY 24 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0735 ARRIVE WATER ISLAND. TEAM LEADER MEETING. TASKING REMAIN'S THE SAME AS YESTERDAY. CAR'S AND TRASH OP'S. OP'S / SAFETY MEETING AT THIS TIME.

0815 SUNBOWT ARRIVE'S WITH EMPTY CONTAINER.

0842 SUNBOWT DEPART'S WITH 20 CYD'S TRASH

0933 COE-QH ROBINSON APPROVES FINAL QA/QC ON TA-6.

0939 ~~0940~~⁰⁹⁴⁰ SUNBOWT ARRIVE'S

0950 SUNBOWT DEPART'S WITH CAR'S 57, 26, 63, 64.

1037 SUNBOWT ARRIVE'S

1045 SUNBOWT DEPART'S WITH 20 CYD'S TRASH.

1130 SSO/QH KING AND COE-QC ROBINSON REPORT QA/QC FINAL COMPLETE FOR FB-1, FB-2 & FB-3

1145 COE ROBINSON DOES UNANNOUNCED SAFETY INSPECTION AT FA-4^{BEL} TO-4(2) AND REPORTS PERSONNEL DOING EXCELLENT JOB.

1157 SUNBOWT ARRIVE'S

1205 SSO REPORT'S TURN OVER OF FB-1, FB-3, TA-6 TO CORP'S OF ENGINEERS.

1214 SUNBOWT DEPART'S WITH 20 CYD'S TRASH.

1258 SUNBOWT ARRIVE'S.

1310 SUNBOWT DEPART'S WITH CAR'S 53, 65, 74, 76.

1357 SUNBOWT ARRIVE'S

1408 SUNBOWT DEPART'S WITH CAR'S 43, 52, 59, 75.

1455 SUNBOWT ARRIVE'S

1505 SUNBOWT DEPART'S WITH ~~20~~²⁰ CYD'S TRASH

1551 SUNBOWT ARRIVE'S.

1603 SUNBOWT DEPART'S WITH CAR'S 58, 72, 73. SUNBOWT OP'S COMPLETE FOR THIS DAY. TOTAL TRASH 80 CYD'S. TOTAL CAR'S 15. TOTAL COUNT TO DATE:

360 CYD'S TRASH, 65 CAR'S.

1730 SECURE. ALL PERSONNEL OFF ISLAND

WEDNESDAY 25 MAY 94

- 0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.
- 0737 ARRIVE WATER ISLAND. TEAM LEADER MEETING TASKING AS FOLLOWS: TEAM 1 PLUS T. DUFFIELD, SAMPLING OP'S IN TA-4(2), TEAM 2 WILL FINISH TRASH AND CAR OP'S. QC WILL DO MAPPING.
- 0740 OP'S/SAFETY BRIEFING.
- 0755 SUNBOWT ARRIVE'S, DELIVER'S EMPTY CONTAINER
- 0802 SUNBOWT DEPART'S EMPTY.
- 0855 SUNBOWT ARRIVE'S
- 0903 SUNBOWT DEPART'S WITH CAR'S 66, 70, 71
- 0929 MINICAMS UP AND READY TO BEGIN SAMPLING.
- 0953 SUNBOWT ARRIVE'S
- 1002 SUNBOWT DEPART'S WITH CAR'S 28, 21, 69.
- 1100 G. ZIMMERMAN, TO PHYSICAL, END OF CONTRACT.
- 1101 SR UXO SUP DIRECTS A 10TH SAMPLE LOCATION IN TA-4(2) DUE TO SUSPICIOUS NATURE OF AREA.
- 1112 SUNBOWT ARRIVE'S
- 1121 SUNBOWT DEPART'S WITH CAR'S 68, 78, 48
- 1208 SUNBOWT ARRIVE'S
- 1216 SUNBOWT DEPART'S WITH CAR'S 16, 23, 60.
- 1304 SUNBOWT ARRIVE'S
- 1312 SUNBOWT DEPART'S WITH THE LAST CAR # 77.
- 1417 SAMPLING COMPLETE. SHIPPING SAMPLES 5-4 AND 5-10. SAMPLING OP'S FOR THIS CONTRACT COMPLETE.
- 1423 COE O'NEILL AND MR AVER, WE CIVIC ASSOCIATION, OUTSIDE TA-4(2) EXPLORING WORK ACCOMPLISHED. MR. AVER GAVE IT WELL DONE TO ALL INVOLVED.
- 1535 SUNBOWT ARRIVE'S
- 1545 SUNBOWT DEPART'S WITH 20 CUYDS TRASH. CAR AND TRASH OP'S COMPLETE AT THIS TIME. TOTAL CAR'S FOR THE DAY 13, TOTAL TRASH 20 CUYDS. TOTAL FOR TA-4(2) OP'S. 78 CAR'S AND 350 CUYDS TRASH.

THURSDAY 26 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0739 ARRIVE WATER ISLAND. NO SECRETARIAL HELP, SECRETARY NO SHOW. TEAM LEADER MEETING. TASKING AS FOLLOWS: D. BECKER, D. EBERSOLE, AND G. ZIMMERMAN TO COMPLETE SITE TERMINATION PHYSICAL'S. REDUCE FROM TWO TEAMS TO ONE TEAM DUE TO MAN POWER REDUCTION IN COMPLIANCE WITH WORK LOAD. T. DAVIS ASSIGNED TEAM LEADER. STRAUER, JOHNSON, BROADWAY AND DUFFIELD TEAM UXO SPECIALIST. TEAM 1 TO DOE GRIDDING, MAGGING AND PLOTTING OF WTA-4(2), LOGS AND HEAVY EQUIPMENT OPERATOR'S TO PREP BRUSH FOR NEXT WEEK'S BURN OPERATION.

0758 OP'S / SAFETY BRIEFING. ASSIGNMENTS MADE.

0930 J. JOHNSON MET WITH SR UXO SUPERVISOR AND VOICED SINCERE CONCERN'S IN REGARD'S TO BURN OPERATION'S NEXT WEEK. ADVISED J. JOHNSON TO WRITE HIS CONCERN'S DOWN AND SUBMIT THEM TO ME AND I WOULD FORWARD THEM TO PM. PM ADVISED.

1205 FB-2 TURN OVER AND ACCEPTED BY COE

1351 TA-5 TURN OVER TO COE.

1432 SSO/QC REPORTED TA-4(2) ALL SURVEYED IN, MAGGING AND FLAGGING C'S LEFT

1645 END OF THE WEEK REVIEW AND BRIEFING ON NEXT WEEK'S OPERATION'S.

1730 SECURE. ~~ALL~~ ALL PERSONNEL OFF ISLAND. WEEK END ROUTINE. MEMORIAL DAY

FRIDAY 27 MAY 94

0700 G. ZIMMERMAN, B. EBERSOLE, D. BECKER
AND J. JOHNSON TO AIRPORT TO DEPART
PROJECT IN ACCORDANCE WITH MAN POWER
REDUCTION DUE TO DECREASE IN WORK
LOAD. J. JOHNSON NEVER SUBMITTED HIS
CONCERN'S PERTAINING TO BURN OP'S. SUBJECT
CLOSED.

1300 PROJECT MANAGER DELIVERED ME A FAX
FROM MIKE MORIN, AITH, DIRECTING US
TO WORK 40 HOURS THIS WEEK. PERSONNEL
WILL RECEIVE 8 HOURS HOLIDAY PAY AND
40 HOURS REGULAR PAY.

TUESDAY 31 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART FOR MARINA.

0745 ARRIVE WATER ISLAND. TEAM LEADER MEETING. TASKING AS FOLLOWS: TEAM 1 TO DO GEOPHYSICAL SEARCH OF TA-4(2), ALL LOCAL HELP TO PREPARE BURN PAD IN TA-4(1) IN PREPARATION OF SCHEDULED BURN ON 1 JUNE 94.

1038 MR OSCAR L. ROHENA, CROWLEY ENVIRONMENTAL, ARRIVES WITH PROJECT MANAGER AT TA-4(2). MR ROHENA WILL PROVIDE ESTIMATE ON DISPOSAL OF ALL HAZARDOUS WASTE, CONTRACTOR RESPONSIBLE FOR IN PREP. 550 GIVE'S BRIEF.

1230 T. DAVIS AND A.S. PARRIS RECEIVE ONE WATER PUMP AT FERRY DOCK. PUMP PROVIDED FOR TANKERRETS OP.

1315 550 AND COE INSPECT WATER PUMP AT TA-4(1).

1420 MAG AND FLAG OPERATIONS COMPLETE IN TA-4(2).

1556 MAP OF TA-4(2) COMPLETE. TURN OVER FOR ~~QA/QC~~ ^{QA/QC}

1610 MAP OF TA-4(2) CLEAR FOR QC. TURN OVER FOR QA.

1615 GIVE LECTURE ON BURN LINE PRESENTATION TO ALL HANDS. REVIEW AND DISCUSS.

1700 COMPLETE SITE CLEAN-UP.

1730 ~~SO~~ SECURE. ALL PERSONNEL OFF ISLAND.

WEDNESDAY 1 JUN 94

0645 ALL PERSONNEL ACCOUNTED FOR DEPART
FOR MARINA

0750 ARRIVED WATER ISLAND, TEAM LEADER
MEETING. TASKING AS FOLLOWS: ALL PERSONNEL
COMMENCE BURNING BRUSH IN COMPLIANCE
WITH VEGETATION BURN PLAN. OP'S AND
SAFETY BRIEFING AT THIS TIME. ASSIGNMENT'S
MIDDE.

0947 FIRE INITIATED AT TA-4(1) BY TEAM LEADER
T. DAVIS.

1105 COE-REP M. ROBINSON COMMENTED THAT THE
LARGE BURNING AREA NEAR DOWNS IS FINE
PROFESSIONAL JOB.

1545 CEASED BURN OP'S, COMMENCE WITH
EXTINGUISHING FIRE. APPROXIMATELY 140 CUYDS
BRUSH BURN. 90-95% TOTAL OF BRUSH CUT
REMAINING BRUSH USED FOR CORROSION
CONTROL IN TA-4(1) AND TA-5. ENCOUNTERED
NO DIFFICULTIES WITH BURN OP. EXCELLENT
BURN PLAN AND EXECUTION BY ALL PERSONNEL

1614 TA-4(2) RECEIVES QA WITH THE EXCEPTION
OF THE DISPOSITION OF ATW. TURN OVER TO COE

1710 FIRE TOTALLY EXTINGUISHED.

1730 SECURE. ALL PERSONNEL OFF ISLAND.

THURSDAY 2 JUNE 94

0645 ALL PERSONNEL ACCOUNTED FOR DEPART
FOR MARINA.

0730 T. DAVIS TO LAB FOR SITE TERMINATION
PHYSICAL.

0755 ARRIVE WATER ISLAND. TEAM TASKING AS
FOLLOW'S: CLEAN-UP OF BURN SITE IN TA-4(1),
COMMENCE ~~DEMOBILIZATION~~^{OR} DEMOBILIZATION OF
TEU VEHICLE'S, TRAILER'S AND EQUIPMENT,
TRANSPORT HEAVY EQUIPMENT OFF-ISLAND
THIS AFTERNOON, START PACKING EQUIPMENT
FOR SHIPPING. OP'S AND SAFETY MEETING AT
THIS TIME. ASSIGNMENT'S MADE

0810 RADIO CHECK'S LOUD AND CLEAR.

0945 ALL TEU GEAR LOADED ON THE SAINT AND
DEPART'S WATER ISLAND WITH REMAINING
TEU PERSONNEL.

1430 COMMENCE LOADING HEAVY EQUIPMENT ON
THE SAINT.

1445 ALL HEAVY EQUIPMENT AND OPERATOR'S OFF ISLAND.

1530 STARTED TRANSPORTING BOXED EQUIPMENT TO
DEEP WATER DOCK FOR TRANSPORT TO MARINA
VIA LUNCH WITH LARRY. ALL PERSONNEL
OFF-ISLAND. T. DAVIS DEPART'S PROJECT.

1615 TRANSPORT EQUIPMENT FROM MARINA TO
EMERALD BEACH RESORT.

1730 SECURE

FRIDAY

3 JUNE 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR MARINA.

1750 ARRIVE WATER ISLAND. TASKING AS FOLLOW'S:
KING, BROADWAY, STAUBER, K THOMAS,
P. WILLIAMS, A. ALDRICH, M. ST. LUCE AND
L. REYNOLDS TO LAB FOR SITE TERMINATION
PHYSICALS. ALL OTHER PERSONNEL START
PREPARING EQUIPMENT FOR DEMOBILIZATION,
DO FINAL AREA CHECK'S. OP'S / SAFETY
BRIEFING GIVEN, TEMPERATURE IS 86°F,
HUMIDITY 83% RH, VARIABLE WIND'S. D. LINDSEY,
T. DUFFIELD AND COE-A. O'NEILL PRESENT.

0852 NOTIFIED BY R. STAUBER THAT DOCTOR
WAS UNAVAILABLE TO COMPLETE PHYSICAL'S
DUE TO ILLNESS. P.M. ADVISED, WILL HANDLE.

0900 E. KING DEPART'S PROJECT.

0940 A. O'NEILL AND T. DUFFIELD TO BUNKER COMPLEX.

1043 ABOVE PERSONNEL RETURN.

1140 COE-A. O'NEILL TO TA-5.

1245 A. O'NEILL RETURN'S.

1330 ~~SP~~ STARTED TRANSPORTING PACKED BOXES
FROM CP TO DEEP WATER DOCK TO MARINA.

1415 TRANSPORTED BOXES TO EMERALD BEACH RESORT
FOR STAGING. ADVISED BY COE-A. O'NEILL,
THIS OFFICE WOULD PROVIDE (24) STAGING LABS.

1520 DEMOBILIZATION MEETING WITH P.M.

1530 R. STAUBER DEPART'S PROJECT.

1630 C. BROADWAY DEPART'S PROJECT.

1730 SECURE.

MONDAY 6 JUNE 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR MARINA

0800 ARRIVE WATER ISLAND. OP'S AND SAFETY MEETING.
COMMENCE DEMOBILIZATION PLAN. TASKING
AS FOLLOWS: DUFFIELD AND WILLIAMS TO DO
FINAL VIDEO OF TA-6 AND TA-9. LINDSEY
DEMOBILIZE FROM WATER ISLAND COMMAND
POST TO EMERALD BEACH RESORT.

0815 RADIO CHECK'S LOUD AND CLEAR.

0945 COMMENCE VIDEO OP'S AT TA-6.

0904 COMPLETE TA-6 AND START TA-9.

0925 COMPLETE TA-9. ALL REQUIRED VIDEO FOR
FINAL REPORT COMPLETE AT THIS TIME.

1140 STARTED TRANSPORTING PACKAGED
EQUIPMENT TO DEEP WATER DOCK^{8L} DOCK
FOR TRANSPORT TO MARINA.

1215 DEPART WATER ISLAND FOR MARINA.

1243 ARRIVE MARINA. TRANSPORT EQUIPMENT TO
EMERALD BEACH RESORT.

1430 ALL EQUIPMENT STAGED EMERALD BEACH

1630 FINAL BRIEFING OF DEMOBILIZATION PROGRESS
GIVEN TO PM.

1730 SECURE.

TUESDAY 7 JUNE 94

0645 ALL PERSONNEL ACCOUNTED FOR.

0730 ESTABLISH ~~ED~~^{ED} NEW CP AT EMERALD BEACH
RESORT. JACK THOMAS, D. LINDSEY, T.
DUFFIELD, R. WILLIAM'S PREPARE EQUIPMENT
FOR SHIPMENT TO DIFFERENT GEOGRAPHICAL
LOCATIONS. STILL AWAITING SHIPPING
LABEL'S FROM COE.

0835 JACK THOMAS DEPART'S ST. THOMAS FOR
HUNTSVILLE, AL.

1330 RECEIVED SHIPPING LABEL'S FROM COE PUERTO RICO.
SHIPPING LABEL'S UNUSABLE ~~IF~~^{IF} DUE TO BEING
PRE-ADDRESSED TO MARIETTA, GA. ADVISED
COE REP A. O'NEILL. HE WILL BRING BLANK
LABEL'S ON 8 JUNE 94.

1730 SECURE

WEDNESDAY 8 JUNE 94

- 0730 ALL PERSONNEL ACCOUNTED FOR. START STAGING EQUIPMENT FOR SHIPPING.
- 0800 COE-REP A. O'NEILL ARRIVED EMERALD BEACH RESORT WITH LABEL'S. COMMENCE FILLING OUT GOVERNMENT LABEL'S.
- 0910 FIRST LOAD OF BOXES TO U.S. POST OFFICE.
- 0940 ADVISED BY POST OFFICE THAT HALF OF OUR BOXES WERE TOO LARGE AND THAT THE LABEL'S DID NOT COVER POSTAGE COST. RETURNED TO HOTEL.
- 1010 ARRIVE HOTEL, CONTACTED E.M. AT JTA, INC. ADVISED HIM OF SITUATION. STARTED LOOKING FOR SHIPPING COMPANY.
- 1100 MADE ARRANGEMENT'S WITH FEDERAL EXPRESS AT AIRPORT. STARTED FILLING OUT THEIR FORM'S AND MANIFEST'S.
- 1130 STARTED HAULING BOXES TO AIRPORT.
- 1145 SUKO TO MARINA TO MEET COE A. O'NEILL AND (2) CO-WORKER'S, TO GO TO WATER ISLAND.
- 1151 ARRIVED MARINA.
- 1200 STUNDRIG-BY AT MARINA.
- 1310 COE REP'S ARRIVE, DEPART FOR ~~WATER ISLAND~~ WATER ISLAND.
- 1330 ARRIVE WATER ISLAND. SUKO, COE-A. O'NEILL AND TWO CO-WORKER'S. SITE TOUR'S DONE BY COE REP'S. SUKO SUP CLEAR'S CP, TOLUS INKEY'S, DELIVER'S CHECK TO LANDLORD.
- 1510 DEPART WATER ISLAND. ALL PERSONNEL OFF ISLAND.
- 1530 ARRIVE MARINA. ALL EQUIPMENT AND BOXES SHIPPED AS DIRECTED AT THIS TIME WITH THE EXCEPTION OF LOG BOOK'S.
- 1730 SECURE.

THURSDAY 9 JUNE 94

- 0730 ALL PERSONNEL ACCOUNTED FOR. TASKING FOR
THE DAY IS REVIEW AND CLOSE OUT LOG
BOOKS, AND SHIP ALL FINAL DOCUMENTS TO ATTA.
D. LINDSEY, T. DUFFIELD AND P. WILLIAMS ON HAND.
- 1545 ~~F. DUFFIELD~~⁸² T. DUFFIELD DEPART'S ST. THOMAS
- 1730 SECURE. P. WILLIAMS LAST WORK DAY.

FRIDAY 10 JUNE 94

0645 SUXO SUPERVISOR ~~LAST~~ LAST PERSON PRESENT

0800 D. LINDSEY, SENIOR UXO SUPERVISOR, DEPART'S
ST. THOMAS.

MONDAY 9 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR, DEPART
FOR MARINA.

0730 ARRIVE WATER ISLAND. PATRIC WILLIAMS,
MTA LOCAL LABORER, CALLED IN SICK. TEAM
LEADER'S MEETING. TASKING AS FOLLOWS:
BOTH TEAM'S 1 AND 2 IN JOINT VENTURE
TO COMMENCE WORK IN TH-4(2). SITE
PREPARATION FIRST PRIORITY.

0830 OP'S/SAFETY BRIEFING. ASSIGNMENT'S
MADE. BRIEFING GIVEN BY SSC ON PORTA-
PID. FURTHER TRAINING TO FOLLOW

0845 R. STUBER RE-INJURED A PREVIOUS,
NON-WORK RE-LATED, RIGHT ANKLE,
SPRAIN WHILE WALKING UP THE HILL
TO WORK. STABILIZED WITH ACE WRAPS
AND ASSIGNED CP DUTIES.

1015 MR AUER AND MR STARR OF W.I. VISIT
CP AND INQUIRE ABOUT THE REMOVAL
OF JUNK CAR'S ON W.I. PM AND COE-REP'S
HINDLE SITUATION.

1543 SR LEO SUP CONTACTED BY A MR BILL
REYNOLD, W.I. GOLF CART SUP. HE ADVISED
ME HE REQUIRED ACCESS TO EB-2, TO
OBTAIN PART'S FOR GOLF CART'S. STATED HE
HAD MR. COULTER'S PERMISSION. DENIED
REQUEST AND REFERRED HIM TO COE REP
A. O'NEILL

1730 SECURE. DEPART^{ALL} ALL PERSONNEL OFF ISLAND

1740 CONTACTED BY MR. DICK WEBER OF W.I.,
HE ADVISED ME HE HAD A STATE
APPROVED BID FOR TRASH REMOVAL ON
W.I. DIRECTED HIM TO PM FOR ACTION

TUESDAY 10 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR DEPARTED FOR MARINA.

0740 ARRIVE WATER ISLAND. TEAM LEADER'S MEETING. TASKING AS FOLLOWS: BOTH TEAM'S CONTINUE PREP OF TA-4(2).

0815 NOTIFIED BY D. BECKER THAT MR COUTER AND HIS MECHANIC WANTED TO ENTER TA-4(2) AT THIS TIME. ADVISED MR COUTER THAT MYSELF WAS NOT AVAILABLE AT THIS TIME TO ESCORT HIM. HE WILL RE-ENTER ANOTHER DAY.

1015 ~~MR~~ ~~TRADER~~ AND MR STARR, W/ ASSOCIATION VISIT CP ~~W/~~ ~~TO~~ DISCUSS DISPOSITION OF ABANDONED ^{PL} ABANDON VEHICLE'S ~~W/~~ ~~ON~~ W.F. WITH PM AND CORPS REP.

1030 PERSONNEL IN FB-1, WAREHOUSE REFERRED TO COE REP D. O'NEILL FOR ACTION.

1341 TEMPERATURE RECORDING IN TA4(2) 96.8. J. JOHNSON REPORT'S HEADACHE, CRAMP'S. REMOVED FROM SITE TO CP FOR TREATMENT. RESPONDED WELL. NO FURTHER TREATMENT REQUIRED. DIRECTED TO REST THE REMAINDER OF THE DAY.

1730 SECURE. ALL PERSONNEL ^{OFF} ~~DEPART~~ ISLAND.

WEDNESDAY 11 MAY 94

0645 ALL PERSONNEL ACCOUNTED FOR. DEPART
FOR MARINA.

0735 ARRIVE WATER ISLAND. J. JOHNSON ASSIGNED
ADMINISTRATIVE DUTIES AT HOTEL DUE TO
FEELING SLUGISH. DOES NOT WISH TO VISIT
DOCTOR. TEAM LEADER MEETING. TALKING
AS FOLLOWS: BOTH TEAMS TO CONTINUE
PREP OF TA4(2) AND CONSTRUCT
SPILL CONTAINMENT PIT'S FOR HTW.

0830 SAFETY BRIEFING, ASSIGNMENTS MADE,
STRESSED MONITORING FOR HEAT.

1042 NEW TRASH DUMPED AT TA4(2), REPORTED
BY SUXOS.

1200 TEMPERATURE IN TA-4(2) REPORTED 97.4.

1343⁰⁰ ~~1305~~ PROVIDED SITE TOUR OF FB-1, FB-2, FB-3,
TA4(1), TA4(2) AND TA-5 TO LTC BENTON
COE, ~~POURD~~ ^{POURD} PUERTO RICO OFFICE

1452 LTC BENTON DEPARTS WATER ISLAND.

1500 BAUGH CREW'S IN TA4(2) UNCOVER (3)
DRUMS OF UNKNOWN MATERIAL ~~TO~~ ^{FOR}
PM, SUXO, AND COE CUELL INVESTIGATE.
ONE DRUM LEAKING SLIGHTLY, COVER DRUM
TO PREVENT FURTHER LEAKING.

1549 LEAKING DRUM CHECKED WITH DEXIL CLOR-D-TEST
1000 TEST KIT. READING INDICATED LESS THAN
1000 PPM. DRUM PACKAGED IN GAIL PLASTIC
TO PREVENT FURTHER LEAKING. WILL NEED
OVER PACK DRUM. UNKNOWN FLUID.

1730 SECURE. ALL PERSONNEL OFF ISLAND. ADVISED
BY PM THAT T. HALL WOULD BE DEPARTING
FOR SANDY HOOK, N.J. JOB SITE ON 14 MAY 94.

THURSDAY

0645 ALL PERSONNEL ACCOUNTED FOR. DEPARTED FOR MARINA.

0715 ATTEMPTED TO DEPART MARINA. HEAVY RAIN'S REQUIRED DELAY OF APPROXIMATELY 35 MIN.

0810 ARRIVE WATER ISLAND. TEAM LEADER MEETING. TASKING AS FOLLOWS: TEAM 1 TO DEEP WATER DOCK TO CLEAR AREA OF ALL DEBRIS IN PREPARATION OF SUB-CONTRACTOR'S CRANE ARRIVAL FOR CAR TRANSPORT. TEAM 2, TO CONTINUE TA 4(2) PREPARATION. T. HALL TO LAID FOR PHYSICAL WORK SPEC PRIOR TO DEPARTURE. SAFETY MEETING.

0838 SUXO RECEIVE'S CALL FROM ROGER FITZPATRICK, CCE-PM, IN REGARD'S TO MR COUNTER, WT HOTEL GROUP. GUIDANCE GIVEN IN REGARD'S TO HOTEL GROUP PROPERTY WITH IN TA 4(2) AREA.

0945 TEAM 1 REPORT'S MORE NEW TRASH DUMPING IN TA 4(2) AREA.

1430 PM, SSC AND CCE REP O'NEILL TO MARINA TO INSPECT SUB-CONTRACTOR'S CRANE AT 1500

1515 PM NOTIFIES SUXO THAT SUB-CONTRACTOR WITH CRANE FAILED TO MAKE APPOINTED INSPECTION. STANDING BY AT MARINA.

1530 SUXO MADE SITE SAFETY VISIT TO TA 4(2). NOTHING TO REPORT.

1630 HELD END OF WEEK REVIEW AND BRIEFING FOR FOLLOWING WEEK.

1730 SECURE. ALL PERSONNEL OFF ISLAND. WEEKEND ROUTINE.

2300 NOTIFIED BY PM THAT SUB-CONTRACTOR ADVISED HIM THAT HIS CRANE WOULD DEPART MARINA FOR WI AT 0630, 13 MAY 74. SUXO WILL BE PRESENT

ANNEX C

TEAM 1 LOG BOOK

Team 1

Water Island

21. S. V. L.

Monday 3/21/94

Weather Clear 80° winds calm

- 0730 Departed For Blood Test, Thomas, Becker, King, Hall, Stamber, Zimmerman, Broadway
- 1015 Thomas, Hall left For U.P.'s To pickup Equipment, The rest of crew To Water Island.
- 1030 Arrived Water Island, King held Safety Briefing
- 1105 Hall arrived on Water Island
- 1110 Equipment check out
- 1200-1230 Lunch
- 1230 Resumed Equipment check out and setting up Weather stations.
- 1730 secured site (Water Island) For the Day
- 6048 MAN hr. 66703

and
ver
te
wide
rains)
and
area.

Tue. 3/22/94 Day OK

Weather: Clear Temp. 80° OK

- ~~0745 Depart For Dock, Zimmerman, Stamber, Ed~~
- ~~Broadway, Becker, Hall, King, Day~~
- ~~0720 Depart For Water Island as per 1872 OK~~
- ~~Edmund King~~

R. C. Linding Jr.
Senior CXO Supervisor

3/22/94

9703 Becker

Tuesday 3/22/94

weather clear Temp. 83°

0645 Depart Hotel To Dock.

0730 Depart For Water Island

0800 Arrived Water Island CP.

Personnel on site, Becker, King, Broadway,
Hall, Zimmerman, Stauber, Kenneth, Steve & Lawrence

0830 Safety Briefing

0900 Arrived TH-4-1 Starting site prep, TH-4-1
North side of Road; West End of AREA (7 men)

1015 Work stoppage Due To Barge unloading Equip.
Taking Break

1030 Resumed Work

1100 Heat Break

1130 Resume work

1131 Stopped work Local in Area

1135 Resume work - cleared with SK Supv
To let Local Finish work on Boat, Team 1
working West End of TH-4-1 and Local on
Far End (East End of TH-4-1)

1200 Break for Lunch

1230 Lunch over resume work

1233 Jack Thomas PM visited site

We have a large amount of local Traffic —
AREA TH-4-1 is the only landing area for
The Island.

1340 Loaded Tie Equip on Dump Truck and
Forklift, To Top of Hill

1415 Forklift & Dump Back on site

1416 Water Break

1425 Resume work

1520 Water Break

1525 Resume work

1600 Breaking site down To Return To CP To Do
Admin. Paper work.

cleared an AREA 60' x 154' @ TH-4-1 ^{over for}
Northwest side - ~~40 MAN HR.~~ ^{over} ~~over~~

Wed. 3/23/94

0645 Depart Hotel For Dock Area

0730 Depart Dock For Water Island

0800 Arrived Water Island opened site

Weather 84° Clear - 2 from MTW and

5 locals on site - Safety Briefing given

By Becker, - Becker & Broadway ~~on site~~

FB tower, Gate To Fenced in area wide

open when we arrived on Island.

0810 Start work @ MT4-1 West side (clearing)

1010 Break - also a landing craft (mic-6) on land
Truck and remains on the beach in the area.

crew has left area.

1030 Resume work

1200 Lunch

1230 Resume work

1245 work stop - loading mic-6

1300 Resumed work

1405 Water Break - Hall, Zimmerman, King

Arrived Water Island also Thomas

1415 Resumed work

1530 Break

1550 Resumed work

1730 shut down site For the Day - ^{over} +30 minutes delay

0900 Ed King remains ^{all} ⁱⁿ ^{the} ^{area}
^{to} ^{be} ^{removed} ^{by} ⁰⁹⁰⁰ ^{sup.}

over

Thurs. 3/24/94

Weather: Clear Temp. 80

0645 Depart Hotel For Dock

0730 Depart Dock For Water Island

0800 Arrived Water Island - 6 personnel

Becker, King, Broadway, Stambaugh, Zimmerman,
Hall - Safety Briefing by King

TEU was notified that the Dräger Tubes
were the wrong ones.

0930 Departed For TAMARIND Bay. Becker,
Zimmerman, Hall, and 3 From TEU

0945 Arrived TAMARIND Bay

1155 Dept TAMARIND Bay for ^{to set} CP markers
2 monument in place - monument
was 25' 5" apart, 104' from beach
31' from big tree.

1200 Returned To CR For Lunch

1300 Departed For TAMARIND Bay

~~1330~~ Arrived TAMARIND Bay

unable To work Due To local cooking
fish.

1415 Dept TAMARIND Bay For FB

1430 Arrived FB

1530 Zimmerman & Hall To Hotel ^{TA-6 set} sampling
area To place 3 pins

1610 Dept Hotel sampling area, Handling for Tanned Hides

1730 shut down site for the weekend

3/25/94 - 3/27/94 weekend only

~~to work~~ ~~Edward King~~

Arrived
Washington
5:00 PM

J. R. M. 2011

Mon. 3/28/74

Weather: Clear - Hot Temp. 85°

0645 Departed Hotel for Dock

0730 Dept Dock for Water Island

0815 Arrived Water Island

6 on site - King (site safety) Becken, Hall
Stamben, Broadway, Zimmerman

0845 Safety Briefing by King.

0900 AT Site AT 4-1, sitting up 100' x 100' Grid
west side

1000 Back Temp 85°

1040 Resumed work

1140 Kelly comp rep - con, rep PR., on site ^{at 4-1}

1147 Kelly and other Dept site

1200 Lunch

1230 Resumed work

1330 CP call requesting site Team check and
sampling Team to report to CP., SK site
supv not advised.

1345 sampling depart for CP

1400 sampling Team requirement cancelled
SK supv on I (Becken) ^{at 4-1} who cancelled
Team requirement

1515 Temp. 89°

1530 sampling Team back at AT 4-1

1605 Temp 90 - Taking back - sampling Team Dept
AT 4-1 for CP, requested by SK supv.

1625 Resumed work - sampling Team back site

1730 secured site ^{and} Dept Water Island
for the day, 50 ^{open} ~~man~~ ^{open}

Reviewed
W. G. Miller
3020 509

W. G. Miller

0645- Dept Hotel For Dock

0730 Dept Dock For water Island

0815 Arrived Water Island

0830 Start RAINING - Safety Briefing by King
on site, (Z-man) Zimmerman, Becker, Stamber,
Hall, Broadway.

0850 Plus Rate Becker 36, Z-MAN 84, Broadway 12,
Stamber 30, - Hall @ CP, Stamber with SR supv,
Becker, Broadway, Z-man To TAMARIND Bay

0925 Sampling Team Dept For TAMARIND Bay

0945 ARR TAMARIND Bay - Broadway - Z-MAN
plus 3 TEU - Sampling Team setting up -

1000 Sample Team ready waiting on TEU To
come on line

1024 Boat chaser boat coming around To TAMARIND
Bay To stand by

1030 Temp: 87° ^{pu} Z-MAN 84, Broadway 50, - chaser
boat on site, pulse - Stamber 30

1050 sampling ~~over~~ Team OK

1100 waiting on TEU To come on line

1115 Sampling Team dressing out

1120 Broadway, Z-man + 1 from TEU Down Range -
TEU on line, sending sample line
down To sample points.

1130 Started sampling #1 - Tamarind Bay - S-1 - 03/29/94 -
1130 - ORB-001

1136 sample #1 completed, starting sample #2

1141 starting sample #2

1145 sample #2 completed

1150 starting sample #1 by TEU

1153 Temp. 87° Hum. 71%

1158 Veh. went thru AREA

1207 TEU still working on Thru sample #1

1200 TEU sample #1 completed, starting sample #2

1228 TEU sample #2 completed.

1230 Picking up Equip.

1231 Larry heading for beach to pick up of Equip.

1235 TEU BACK ON Boat

- 1210 ALL Equip AND personnel BACK ON Boat
1250 Det For FB
1300 Arr: FB
1330 Lunch
1400 Det For TAB For sampling
1430 Arr TAB setting up site
1456 William Conner refused to stop for
Roadblock and came into Area with his car -
Had to move line so he wouldn't drive over them
1528 sample team moved in to TAB - S-3 point to
set up for testing
1530 Temp 88° Hum: 70%
1531 Taking sample S-3
1533 sample S-3 completed waiting on Headspace
1554 Kelly & COE Rep on site
1556 sample team moving to TABS-5, Headspace completed
1606 started sample TAB - S-5
1616 sample TABS-5 completed waiting on Headspace
1620 veh. came into Area and was turned around
1634 shut down site TAB
1635 ALL COE. Rep. Left Water Island
sample TABS-5 returned to hole, Reduce
Form ^{over 80%} 30/94.
1636 Team come out, picking up equip
To secure TAB
1700 secured TAB
1730 secured from Water Island returned
To Hotel. 1982

~~50 man hr. over~~

Revised
PC functions
5:40 5:00

W. B. Baker

weather: Clear Temp. 83° Hum. 70%

0645 Dept. Hotel for Dock

0700 DEPT Dock for Water Island

0730 ARR. Water Island - Had meeting with Kelly William C.O.E.

0815 Safety Briefing By King - Working site AT 8 Personnel on site, Becker, ^{Pulse 84} Broadway, ^{Pulse 62} Hall, ^{Pulse 84} 2-man, ^{Pulse 90} Stauber.

0830 setting AT 8 up for sampling.

1005 Mini-cams on line waiting for Road Guard in place.

1006 Road Guard in place

1010 starting sampling TA 8-S-5

1011 S-5 completed, starting Head space

1030 Head space completed (Neg.)

1055 starting S-4

1058 S-4 completed starting Head space

1100 Temp. 84° Hum. 77%

~~1115~~ Team pulled back to PDS - Mini cam some kind of Reading - TEU Taking M18 KIT To sample S-4, to check Area (Hit-GB) ^{side turn} ^{over to T}

1130 TEU go down Range (TA 8-S-4-03/30/94-~~1058~~ ¹⁰⁵⁸ ~~0705-00~~)

1146 TEU Returned to PDS with M18 samples

1149 TEU Back down Range - Taking more samples

1206 Still waiting on Tests

1211 TEU going after New Mini Cam

1225 Civilian ran out of Test Point S-4

1245 MR finds Civil Assoc. on site To Talk with C.O.I. TEU setting up New minicam

1330 All samples Neg. -

1345 Closing Down TA-8

1415 Lunch

1445 Resume Work - Heading for TA-6
Pulse Becker 84, Broadway 62, Hall 84,
2-man 84, Stauber 90

1530 AT TA-6

1645 Dept. TA-6 for CP

1730 shut down site and Depart Water Island
^{UPR} ^{nom}

5/10/94 11

- 0645 Weather! Clear Temp. 88° Hum. 70%
- 0645 Dept. Hotel For Dock
- 0700 Dept Dock For Water Island
- 0730 ARR. Water Island - Personnel on site
(5)-Plus Rate: Broadway 56, Becker 84,
Z-MAN 80, HALL 80, STAUBER 88,
- 0815 Safety Briefing By King & Daily Briefing By
SR supv.
- 0830 Dept For TA-6 For Mapping
- 1000 Plus Z-MAN 80, HALL 80, Broadway 56,
STAUBER 88, Becker 84.
- 1030 Returned To CP To Draw Maps
- 1200 Lunch
- 1230 Resumed work
- 1730 Dept. Water Island For The weekend.
1-3 APR 94 weekend. Only

peninsula
w/ 1/2 inch
54x0 501

W. M. ...

- Weather: clear Temp. 88° Hum. 69%
- 0645 Dpt Hotel For Dock
- 0715 Dpt For Water Island
- 0740 Arr. Water Island
- Pulse Rate: Becker 84, Hall 84, Broadway 52
Z-MAN 82, Stauber 82.
- 0815 Safety Briefing by King
- 0830 setting up Equip. To start TAB.
- 0900 All Equip. and sampling Team at TAB.
- 0925 MTA personnel ready to start waiting on TEU and Mini Cam to come on line.
- 0930 MR ponds and one other person in area AREN BY MINI CAM. - C.O.E. TAKING CARE OF THEM
- 0945 Temp 87° Hum. 71%
- 1000 C.O.E. Mike Robinson Notified me That The Mini Cam For G was messed up - will be doing A ONLY.
- 1001 Sampling Team at S-6
- 1002 Starting TAB S-6 - SR superv. on site
- 1005 TAB S-6 completed starting Headspace
- 1020 Headspace completed Neg.
- 1021 moving To TAB-S-10, SR superv. Dpt AREA
- 1030 Starting TAB-S-10
- 1035 S-10 completed starting Headspace
Temp 87° Hum. 72%
- Pulse Rate: Becker 84, Hall 78
- 1045 Headspace^{id} completed Neg.
- 1058 Starting S-9, Bring in mini cam line For G
- 1100 S-9 completed starting Headspace
- 1110 Headspace completed Neg.
- 1120 Starting TAB-S-8
- 1125 S-8 completed starting Headspace
- 1136 Headspace completed Neg.
- 1140 moving To TAB-S-7
- 1150 Starting TAB-S-7
- 1154 S-7 completed starting Headspace
- 1210 Headspace completed Neg.

- 1227 ~~TA4-511~~ completed starting Headspace
1232 Headspace completed Neg
1315 Lunch
1345 Resumed work
1410 Moved To TA4-1. Imaging West side
1430 Temp 88 Hum. 71%.
Pulse Rate: Becker 84, Broadway 60, Hall 88
Stauber 84, Z-MAN. 84
1525 Water Break
1530 Resumed work - Grid 1 (TA4-1 Westside)
completed - starting Grid 2
1600 Grid-2 completed starting (TA4-1 Westside)
Grid-3
1620 White ^{Truck} Dumping Trash in Area TA4-2
1630 Shutting Down Site TA4-1 Westside and
moving Equip. Back To CP
1700 ARR. LP AREA
1730 Dpt WATER ISLAND For The Day. WMB

Reviewed
at 5:00
5:00 5:00

Reviewed
Ehman ~~King~~, RC

TA-6
Sampling Complete?
Enter Area

Tue 4/5/94

Temp. 87° Hum. 74% Clear

0645 Dpt Hotel For Dock

0700 Dpt Dock For winter Island

0730 ~~ARR~~: winter Island

0830 Safety Briefing By King

Pulse: Becker 82, Jay 84, Broadway 56,
HALL 84, 2-man 82, Stauber 82, Steve 86,
Patrick 84.

0845 Move To TAY-1 To start work

0930 class on chainsaw/waxwacker

1030 Break

1045 Resume work

1200 Lunch

1230 Resume work Temp. 88° Hum 73%

1300 Pulse Rate Becker 84, Stauber 88, Patrick 88
Lenard 112, Steve 85

1400 shut down for Barge - Pulse for Lenard 96

1405 Temp: 87 Hum 73%

1406 Barge dpt site - resume work

1440 Barge on site

1505 Temp. 90° Hum 70%

1520 BARGE DPT SITE

1525 Resume work

1600 SRUXO Supv. notified Team 1 + Team 2 To
Secure Due To Heat

1700 Dpt winter Island For The Day - ~~ARR~~

W. C. L.
5/14/94

Q. V. K.
L.

Weather: ~~86~~ ⁸⁶ ~~CLIM~~ Temp. 86 Hum. 79%

0645 Dpt Hotel For Dock

0700 Dpt Dock For water Island

0730 ARR. water Island

0830 Safety Brief. By King

0845 check 5 min ^{mask} ~~mask~~ IN THE GREEN

Pulse, Becker 86, Ricky 80, Broadway 60, Hall 82,
Z-MAN 80, Jay 82, Les 60, Patrick 80, Mathew 60,
~~Lenora~~ ^{Lenora} 60, Steve 75, Ken 60.

0852 starting TA4-1 west S-2 sample

0956 sample completed (S-2) starting Headspace

TA4-1 14 personnel - (FB) 6 personnel

1000 Temp 91° Hum 9%

1014 Headspace completed Neg - civilian
go thru the keep.

1024 starting TA4-1 west S-3

1025 S-3 completed, starting Headspace (Hustup)

1034 starting Headspace

1040 C.O.E. Robinson and 1 from TEU on site by boat

1043 Mr pond try to bench his boat at site

1046 Headspace completed Neg

1050 Moving TEU Equip.

1100 Temp 87 Hum 71%

1119 starting S-TA4-1 west - 01 - 4/6/94 - 1120 - LTH-

1120 Sample S-01 completed - starting sample
for Headspace

1126 starting Headspace

1140 Headspace completed Neg. moving to
S-04

1150 starting Sample S-04 - Robinson Back on site

1153 S-04 completed - starting sample

1159 starting Headspace

1200 Temp 88 Hum 74%

1210 Headspace completed Neg. Securing
from sampling TA4-1 west side.

1230 Lunch

1300 Resume work

1330 King make site safety visit

4/6/94

1348 EVAC. AREA Warehouse 7 men
ON SITE

1400 Temp 89° Hum. 71%

1420 Break - Brandon 60, Becker 84, Steve 86,
Lenard - 91, Ken 86, Mathew 82

1445 Resume work

1500 Temp 90° Hum. 70%

1515 Front End Loader Down

1630 Secured site TAY-1 For Day and Dpt.
For CP.

1700 Meeting at CP.

1730 Dpt Water Island For The Day ~~over~~.

Reviewed

RC Lindsey?

SUXO Sup

W. R. Z. Z. Z.

Weather: Clear Temp. 70° Hum. 70%

0645 Dpt Hotel For Dock

0700 Arr. AT Dock

0830 Safety Briefing By King

(FB) 7 personnel, TAY-1 11 personnel

Pulse rate Becker 86, Ricky 80, Broadway 60,
Hall 82, Z-Man 80, Patrick 80, Matthew 60,
Lenard 60, Steve 75, Kenneth 60, Jack 84,

0900 moving Equip To AREA TAY-1 and FB

Testing in TAY-1 EAST, SMIN mask Green

0915 Sample Team on site and ready To waiting
for TEU mini Cam, C.O.E. Robinson on site

0959 Temp 86° Hum. 66%

1006 Road Guard in place - starting S-6

(S-TAY-1-06 - 4/7/94 - 1009 - PRB - 003

1009 S-6 completed Heating sample

1015 Headspace started

1025 Headspace completed

1032 Starting S-7

1037 S-7 completed, heating sample

1040 starting Headspace

1053 Headspace completed Neg

1054 C.O.E. Robinson Dpt TAY-1 for TAY-5

1056 Temp 81° Hum 71%

1058 moving mini Cam and setting up on S-5

1105 Temp. 78° Hum 63%

1118 starting S-5

1120 S-5 completed, Heating sample

1126 starting Headspace

1140 Headspace completed Neg - moving
To S-8

1146 starting S-8

1150 S-8 completed, heating sample

1155 starting Headspace

1200 Temp 85° Hum. 82%

1201 RAINING - ALL personnel wet - RAIN GEAR
AT CR

1209 Headspace completed Neg

4-7-94

- Letter 1515 Notified of SR. Supv of O&I Found
Enter ~~Matthew~~ ^{David} AREA I-B Bay - Thomas PM knew the oil was there 0
1230 Lunch 0
1315 SR Supv, Safety Office, and C.O.E. Rep. 0
Went down check areas TR4-1, TR5, I-B.
Determined it was too wet to work, plus
TED's Minicams were too wet to
use. It was determined to secure
all site and do maint. on all
Equip.
1730 Secured CA for the weekend and
Dpt from water island (8-10 weekend) 1994
QC check of log done 04/07/94. Errors and corrections noted

and initialed. Edward D. King, Site Quality Control.

Reviewed
Ed King
SOXO SUP

J. King

MON. 4/11/94

Weather: wet Temp. 76° Hum. 84%

- 0645 Dpt Hotel for Dock
0730 Dpt Dock for Water Island
0800 ARR Water Island - Rain has stopped
Pulse Rate Becker 86 Z-man 80 OSCAR 60
Ricky 80 Hall 82
0840 Safety Briefing by King - starting to rain
0845 starting work AT4-1 EAST mag., mapping, and
mapping AT 6
1020 Becker & HALL Dpt FROM TA 4-1 for TA 6
1030 Break (Pulse Becker 82, HALL 82, Z-man 80, OSCAR 60, Ricky 82)
1045 Resumed work
1120 Becker & HALL Back at TA 4-1 -
FB-3 cleared and FRONT of warehouse FB-1
cleared, moved, and started clearing
FB-2
1230 Lunch
1300 Resumed work - starting to rain
1310 Rain stopped
1345 Starting to RAIN Hard
1400 Rain stopped
1505 Becker Back on site TA 4-1 and SRUXO supv
1510 SRUXO supv left site
1530 C.O.E. ALPONZ on site - 95° Temp
1600 C.O.E. Dpt site TA 4-1
1605 Temp 85°
1630 securing TA 4-1 and ~~Tools & Equip~~ ^{Tools & Equip} Taking
Tools & Equip. back to CP
1730 Secured for the Day and Dpt Water Island. ~~ARR~~

Remained
at Landing?
SRUXO sup

J. P. Bishop

Weather: Clear Temp. 84° Hum.

0645 Dpt Hotel For Dock

0700 Dpt Dock For Water Island

0730 ARR. water Island

0830 SAFETY Briefing King

TA4-1: BECKER 84, Z-MAN 84, HALL 82, OSCAR 60
Ricky 84

0840 Ricky Stauber staying at CP with King

0900 Temp 83.7°

1000 Temp 89.2°

Inter Entry - 4 personnel AT TA4-1

1030 Break Temp. 92.3° - Pulse Becker 84,
Z-MAN 80, HALL 82, OSCAR 60

1045 Resumed work

1145 Temp. 91.9°

1200 Lunch

1230 Resumed work, Stauber on site (TA4-1) 93°
Pulse Becker 84, Z-MAN 82, HALL 82,
OSCAR 62, Ricky 84,

1305 SAFETY King on site

1315 SAFETY OFFICE King Dpt site

1330 Temp. 92.5°

1335 Taking water Break

1350 Resumed work

1455 Temp. 90°

1525 TRUCK IN waiting ON Barge

1545 Barge ARR. Picks up TRUCK and Dpt area

1605 Temp 84.7

1625: Les Notified Becker that 1520 M. how. got OFF
his FORK LIFT stating he had A PAIN in his lower
Back - Steve stated he had A PAIN in his right
ARM (had been running weed eater) Steve was TAKEN
OF weed eater.

1630 TA4-1 completed EXCEPT FOR THE PLOTTING
OF HITS. - Secured For The Day - Transporting
Tools & Equip. TO CP.

1730 Dpt Water Island For The Day. VTR

Reviewed: [unclear] [unclear] [unclear]

Weather: Clear Temp. 80° Hum 74°

0645 Dpt Hotel for Dock

0700 Dpt Dock for water Island

0730 ARR. water Island

0830 Safety Brief. By King

0845 2-man, Broadway, Stauber, Patrick, Leonard
Steve, Ken Mathew Channing FB-2 —
Becker, Hall at CP working on
Maps.

0900 PM, SSO., Supv., Corp Safety, visited site

0 Mathew stepped off forklift, pain in right
lower back.

0910 Pulse: Ricky 80, Glenn 80, Oscar 60, Steve 80,
Leonard 90, Mathew 65, Kenney 65, Patrick 82,

0915 Visitor left site

0920 Temp 90.5° Hum. 60%

0950 Break - RAINING

1010 Resumed work - Temp. 79.2° Hum. —

Rain stopped

1105 Break Temp 82.8

~~1205~~ ⁰⁹¹⁵ 1120 Resumed work

1205 Break

1218 Resumed work

1300 Lunch Temp. 81.4

1330 Resumed work

1345 Rained out

1400 Rain stopped - Hall and Becker at
FB site

1425 Hard Rain - Stop work

1440 Stopped RAINING - Resumed work - ⁰⁹¹⁵ Hall & Becker to ⁰⁹¹⁵ FB-1

1520 Temp 81.5

1530 Break

1545 Resumed work

1600 Becker & Hall TRA 4-1

1630 Becker & Hall back at FB

1635 Rain

1645 Secured FB for The Drill, moving to Tool
& Equip. CP

1715

1715

1 HUR. 4-14-14

Weather Clear Temp. 82° Hum. 76%

0645 Dpt Hotel for Dock

0715 Dpt Dock for Water Island

0745 Arrived at Water Island

0800 Safety Briefing By Becker to TELL

0830 Safety Briefing By King to rest of personnel

0904 Site set up Equip. FB-personnel on site and Pulses Ricky 88, Patrick 80, Kenny 65, Leonard 86, Matthew 65, Glenn 82, Oscar 60. Becker & Hall at CP.

0915 Start operations Temp 78.6 Hum 72%

0920 Becker at FB site

0935 Alfonso w/visitor on site shut down operations - Becker escorted them around visitor showed us a place in SW corner where Ordinance was buried

0947 visitor left site

0950 Alfonso left site for CP

0955 resumed work

1000 Temp 79.2

1012 Becker to CP

1024 Temp 80.6

1028 Becker back on site

1030 Marking Area of Burial site ord.

1045 SSG, SR Supt, Robinson on site

1049 TELL on site

1100 SR Supt, Robinson left site

1110 Temp 82.4 - SR Supt, Robinson back on site while showing Robinson & SR Supt the ord. Burial ground we located in ONE Ton container.

1115 The Trench (Burial ground) was placed on video tape.

1130 Pm (Jack Thomas) on site and seen the ONE Ton.

1200 Pm left site

1210 video of FB-3:

1230 Lunch

1305 Sample Team Ready To start - down range
Team Broadway & Stauber, Hall Decuni, Becker
Team Leader, 2-man and 4 locals moving trash
IN FB-2, waiting on TEU To start - 7 TEU
on site

1325 Temp 83° Hum. 69%

1330 Sample Team down at FB-3 - S-1

1336 starting sample - FB-3-S-1

1341 sample complete - Heating sample

1345 ~~Robinson~~ PM Thomas on site - going down To
The one Ton container - Martinez, Alfonso

1354 FB-2 shut down 2-man To TRA 4-1
Starting Headspace

1404 King in FB-2 with PM

1406 ALL personnel back from one Ton container

1407 Headspace completed Neg. moving To S-2

1410 Team To S-2 starting sampling

1412 sample complete - start heating and ^{ERIS} ~~Headspace~~

1425 starting Headspace

1440 Headspace completed Neg. moving To
S-3

1449 starting S-3

1451 sample completed, ^{SPB} ~~Headspace~~ heating sample

1500 starting Headspace Temp 85° Hum 62%

1515 Headspace completed Neg. sampling
completed of FB-3.

^{late} 1530 late Entry Matthew complaining of chest
PAINS - Pulse 64 - Has Matthew sit down and
Rest. 1402 Matthew still resting - Has chest
pain when Breathing - C.O.E Robinson Had
Mike from TEU To check Matthew (Mike is a
EMT) - PM & safety present - 1402 Late
Advisory Note: Matthew had the cab of a
piece of heavy Equip., Fall on him
Yesterday & hit The back of his neck,
he just now reported To us - 1435 PM
Taking Matthew To The Hospital To be checked.
1437 Alfonso in here Taking pictures -

1500 Temp 85° Hum 65%

1539 Hall & Strubbe sent to CR to clean
sampling Equip. and Tools

1547 Leonard Told To go get Dump Truck at TH-5
and secured The Truck at FB-2

1630 secured site 1-B-2 - moving to CR
for a meeting

1730 Dpt Water Island For The weekend -
15, 16, 17 weekend OR13

Received
W.C. Lindley
50X0 SUP

Griffioen

0838 SAFETY BRIEF. By King
Temp. 83° Hum 70%

0845 FB-2: 2-MAN 84, Patrick 80, Leonard 60,
Steve 74, Kenneth 60,
FB-1 (sampling area) Becker 84, Hall 82,
Ricky 82, Oscar 60. (Matthew at CA)

0910 Sampling Team Ready - waiting TEL.

0936 C.O.E. Safety + SR Supr on site

0955 Still waiting on MIN. C.A.M.

Temp 82.6° Hum 70% - 7 TEU personnel and
C.O.E. ALFONSO on site TOTAL OF 18 personnel
(FB-1 + FB-2)

1013 TEL Cpt Martinez notified that there
will be NO SAMPLING IN FB-1 UNTIL 1300-1330

1030 OSCAR + Ricky setting up Grids in FB-3,
Becker + Hall TR4-1 to finish mapping

1055 Becker + Hall back at FB sites

Temp 83.1° Hum. 70%

1120 Temp 83.6 Hum 72%

1200 Lunch

1300 Resumed work - SR Supr. on site
Leonard FB-2 Dpt for TR4-5

MATTHEW on site - waiting on TEL

Vide Cam came on line - STOVE OFF.

SAT with Safety, Pat + his Boss. - Sampling
ready to start.

1330 C.O.E. Robinson on site

1340 C.O.E. ALFONSO on site

1341 Sampling Team down Range - starting
sampling S-4

1345 S-4 completed

1346 HEATING sample

1351 Cpt Martinez - Dpt site and water Island

1355 C.O.E. Robinson Dpt site

1400 Steve + ^{SR Supr} Patrick Dpt FB for TR4-2 to count CARS

1401 Starting Headspace - Temp 84.6°

1415 Headspace completed Mes - moving to S-5

1425 Starting S-5

1428 Sample completed

- 1730 Heating sample
- 1435 C.O.E ALFONSO DPT SITE
- 1445 STARTING HEADSPACE
- 1454 Steve, C.O.E Robinson, C.O.E, ALFONSO, SR Supd. on site
- 1455 Headspace completed neg - moving to S-6
- 1500 Temp 53.7°
- 1507 SR Supd + C.O.E Robinson DPT SITE
- 1510 Starting S-6
- 1514 Sample S-6 completed
- 1515 Heating sample
- 1540 STARTING HEADSPACE
- 1550 (WELL) 10' From well To MARKER ON FENCE - 30' From well To LEFT Gate Post going into FB-2
- 1557 Headspace completed Neg - Second sample
- 1600 ~~1557~~ 25.5' From fence To well - AND 85' From fence Gate Post To well
- 1605 Kenneth pinch 2 or 3 fingers making a "J" - Did not break skin

GATE ENTRY 1557 TELL HAS Equip. Down - NOT Fixed yet
OF Secondary, sampling for the Day

1630 Temp. 54.6°

1645 Secondary FB SITE for the Day S-6S -

Reviewed
W.C. Lindberg
LUXO-Rep

1711 11:11
1711 11:11

Temp. 82° Hum. 70%

0829 SAFETY Briefing By KING

0850 on site at FB-1 Sampling, Becked 82,
Hall 84, Stalder 82, Broadway 60, Plus
7 Personnel From TEU - checked mag.

0900 Sampling Team Ready, waiting minicam

0920 Lt From TEU notified me that they had to
replace a valve on minicam - must re-
calibrate - should be up in one hour.

0925 putting in sampling point in FB-2

1000 safety brief King on site

1013 Insp. Truck with King (miles 36793)

1015 King Dep. site - ALL points for FB-2
and in except for S-11, S-13, S-16 unable
to find clear spot. - C.O.E. ALFONSO on site

Temp. 82.4

1028 Sampling Team go down to point S-7

1035 starting S-7

1041 S-7 completed

1045 Heating sample

1050 starting headspace

1100 Headspace complete Neg. - C.O.E. Robinson,
SR Supv, 2-man on site

1103 2-man, SR Supv + C.O.E. Robinson Dep. site
SR Supv left in 1 Ton Truck

1107 Temp 86°

1115 starting S-8 - C.O.E. Robinson + 2-man on
site - also SR Supv.

1117 S-8 completed

1119 Heating sample

1130 starting headspace

1142 Headspace completed Neg. - TELL shutting
down for lunch

1200 lunch

1230 Resumed work (2-man, Ken, Patrick on site)

1313 King (safety) on site - waiting for minicam

1342 still waiting on minicam

- 1400 Kent Patrick Dpt Site for T125 with
2-man
- 1408 Sample Team starting S-9
- 1410 S-9 completed
- 1414 Heating sample
- 1424 Starting Headspace
- 1439 Headspace completed Neg - moving To S-10
- 1440 Temp: 84.2°
- 1449 Safety Dpt Site
- 1459 Sample Team Heading To S-10
- 1500 ~~S-FB-2-10-4/19/94-1505-1903-207~~
- 1502 Safety Back on site
- 1505 S-10 completed
- 1507 Heating sample
- 1509 Safety Dpt Site and SR Supv Arr. on site
- 1519 Starting Headspace
- 1530 Headspace completed Neg. - moving To next site S-11
- 1546 Sample Team Down Range At S-12
- 1548 starting S-12
- 1556 Sample S-12 completed
- 1558 Heating sample
- 1607 Starting Headspace
- 1620 Headspace completed Neg
- 1640 secured FB for the Day. 1642

Reviewed
W. C. Linder
for O&O Sup

W. C. Linder

4/20/94 Wed

0730 HALL, STAUBER, BECKER, PATRICK
PHYSICALS

1200 PATRICK TO WATER ISLAND - HALL, STAUBER,
BECKER CONTINUED PHYSICALS 9/18

Interview
w/ C. Linders?
for UKO Rep

OK Becker

Temp. 82° Hum. 60%

0840 SAFETY BREETING by King

0900 opened site FIB-2, Becker 68, Ricky 80,
OSCAR 60, Tom 82, 2-man 80, Patrick 80
MATTHEW 60, Leonard 60, Steve 60, ●

MOTOR MOUNT BROKE ON FORKLIFT.

Cleaning and Moving TRASH

0910 Fork Lift motor mount broke

0950 Break

1010 Resumed work Temp 82.8°

1030 site safety, Becker, PM on site

1060 Break Temp 86.2° - safety, Becker, PM
left site - Ricky To CP w/sidekick

1102 Ricky Back on site - King on site

1159 Lunch

1255 Resumed work

1320 SR Supv + C.C.E. Robinson on site

1330 SR Supv + Corp Rep Dpt site

1345 SR Supv + Corp Rep Back on site - if Rontind
Luther Lost Hyd. - Hose came off -
Break

1400 Hose Reconnected Resumed work

1420 D.L. Tussie Dpt site

1442 Tom Took Tied up Hill in sidekick

1447 Tom Back on site

1500 Break Temp 85.6°

1512 Resumed work

1515 Visitor BILL CARTER of Winter Island
Master Householder on site

1521 SR Supv, ALIENSO, Robinson on site To
Talk To MR CARTER

1600 secured FIB-2 For Day, Meeting at CP

Revised
Acc. London
in 1960 Sept.

[Signature]

MON 4/25/94

- 0730 Becker, HALL, STauben, Steve, Leonard,
Matthew, Kenney, Patrick Taken Physicals.
1200 Becker, STauben, Steve, Leonard, Matthew
~~at~~ AT Water Island. - HALL, Kenney, Patrick
Finish There physicals This afternoon.
1300 Lunch Finished Resumed work
1410 SR Supv. on site
1505 Temp 87°
1519 site safety on site
1530 Break
1600 Resumed work Temp 95.6°
1615 SSC Dpt Site - Becker Dpt FB-2 For
CA To Do paper work.
1645 Secured site FB-2 and secured all
Tools and Equip. for the Day. ~~OKB~~

Reviewed
DC Lintens
in UKD Sup.

OKB

Temp. 82° Hum. 70%

0825 Safety Briefing by SR Supv.

0838 Radio check

0845 opened FB-2 - Personnel on site Becked,
EZ, Hall 84, Stauber 82, Oscar 60, Steve 60,
Leonard 84, and Pulse Rates. Moving Trash

1012 Break Temp 84.6° Hum. 81%

1028 SR Supv. + C.O.E. Robinson on site - SR Supv. Doing
Safety Insp.

1043 Resumed work

1050 SR Supv/SSO, Robinson Dpt Site

1057 C.O.E. ALFONSO on site

1145 Lunch

1220 Temp 84° Hum 78%

1245 Resumed work

1335 Break - Temp 95.2%

1342 SR Supv. + ALFONSO on site

1359 C.O.E. Robinson on site

1405 Temp 95.7° - Resumed work

1426 Robinson + SR Supv Dpt Site

1445 Break, Temp 91.4° Hum. 78%

1510 Resumed work

1645 Secured site for the Day - Transported Tools +
Equip. to C.P. area

Reminded
W.L. Zander
of O&O Sup.

W.B. Becked

Wed 4/27/97

Temp 82°

Hum. 80%

0835 safety Briefing by King

0855 Radio check

0900 opened site FB-2, personnel on site

Becker 82, Stauber 84, Hall 84, Z-man 82

Oscar 60, Leonard 84, Steve 60, Pulse Rate.

1002 Temp 90° water Break

1012 Resumed work

1025 Becker Dpt FB-2 for CP

1030 Break - Pulse Stauber 86, Hall 84, Z-man 82, Oscar 60, Steve 60, Leonard 84

1048 Resumed work - maged area around drums -

hits all around drums.

1050 Becker, PM MORAN, King Dpt for TA-1

To survey in ~~area~~^{area} monuments

1205 Lunch

1250 Resumed work

1345 Finished survey of TA-1 - Dpt for TA-6

Becker, King, MORAN (PM)

1447 Break

1445 Resumed work

1620 Survey of TA-6 completed except for one point.

1635 Secured site FB-2 and secured all tools and Equip for the Day

1645 Dpt FB-2 for CP Ops

Received
Est. Lumber
for UXO-60.1

GPR 2 & 3

Temp 83° Hum 83°

0845 safety briefing

0900 ON SITE FB-2, Z-MAN, Becken,
OSCAR, Ricky, HALL

0915 Temp 93°

1030 set up operations Temp 90.7°

1135 Break Temp 107.4°

1210 Lunch

1330 Resumed work Temp 94.1°

1405 Temp 117°

1422 checked mags @ 1F9, 2F9

1500 Break Temp 119.1° Hum 83%

1510 SR supv on site

1525 SR supv Dep site

1537 C.C.I. ALI on site

1545 Temp 119°, secured site due to

Heat, 12F9

Review

W. G. L. 12F9
to 12F9

W. G. L. 12F9

MON 5-2-84

Temp 85° Hum. 80%

0955 Becker on site - safety Brief.

1050 Becker at C10 - notified SQUAD
supv. that STAMBER said he needed
to go see a Doctor Tomorrow.

1430 Becker left Water Island with PM
MORAN to return Equip and do
some shopping. ~~and~~

Reviewed
Logbook

grace

5-3-94 Tblka

Temp 83° Hum. 74%

Safety Briefing by King

0845 Becker, Kenney, Patrick enroute to TA-4-2

0900 Becker, Kenney, Patrick at TA-4-2

0908 completed mission at TA-4-2 - Team 1 with Team 2

0934 Becker transporting TE4 + equip
to Dock area

0942 Becker back at CAPS

Remained
at TA-4-2
in UXO sup.

SPR Becker

3-4-79 Wed

Temp 85°

Hum 71%

Safety Briefing By King

0830 get Equip Ready For TAMARIND Bay

0900 checked Mags, II 332, II 14

PERSONNEL To TAMARIND Bay, Becken

Z-MAN, OSCAR, MALL, RICKY, PATRICK

1250 ENROUTE To TAMARIND Bay

1305 ARR. TAMARIND Bay

1535 Completed The GRIDING, MAGGING, FLAGGING

1550 DPT TAMARIND Bay

1605 ARR. FB

1615 ARR. AT CP Bay

Reviewed
WP-Landing?
to XO Bay

YMB when

Temp 54° Hum 79%

Safety Briefing By King

0845 cut Brush in Front of Gate at west end
of TA4-2 - Radio check - En Route To
TA4-2, Becker, Hall, Straker, Broadway -
2-man stayed at CP.

0850 ARR. TA4-2 and clearing Brush

0940 Brush clearing completed

0945 DPT for CP - Check and pull maint.
on all Equip.

0955 Arrived at CP

1630 Secured for the Day. ~~ARR~~

Revised?
to 1630
to 1630

U.S. Marine

Temp. 83° Hum 81%

~~0950~~ SA Fety Briefing By KING

0845 STUBER had twisted his right ankle over the weekend - Then re-twisted right ankle coming up the Hill To CP

0900 Radio check, Becken + SR Supv To TA 4-2

0905 Becken + SR Supv ON SITE TA 4-2

Kenneth, Hall, Ricky Oscar, 2-man ON SITE

0925 SR Supv Dpt For CP

0950 SSO on To give clues ON P.I.D

1002 SR Supv ON SITE

1010 SR Supv Dpt SITE

1015 Branch clearing started and Ricky Dpt For CP

1020 Becken To CP

1154 Becken To TA 4-2

1158 Becken + SR Supv at TA 4-2

1200 Lunch

1206 SR Supv Dpt TA 4-2

1250 Resumed work Temp 97.3°

1300 Kenneth Dpt Water Island To Doctors Office

1301 SR Supv + PM at TA 4-2

1314 PM + SR Supv Dpt Site - SSO ON SITE

1325 C.O.B. ALFONSO ON SITE (TA 4-2)

1334 SSO Dpt Site

1350 Water Break 101.7°

1425 Resumed work 96.7°

1520 Water Break 107.8°

1526 SR Supv ON SITE

1545 Resumed work 72.5°

1550 C.O.B. ON SITE and SR Supv Dpt Site

1645 secured TA-4-2 For The Day. OK

Remained
AL Linder
Sr OAC Det

OK Becker

Temp. 82° Hum 82%

0825 Safety Briefing by ~~Hong~~^{my} Dave (SR supv)

0835 Radio check

0845 Team AT TA4-2 - Becker, HALL, Z-MAN,
Broadway, Patrick, Kenneth - Stouber Running CP

1015 550 on site Temp 99.9° - Break

1035 Resumed work - 550 Dpt site - 55 Deums in FB-2

1100 550 on site

1119 550 Dpt site

1140 ALFONSO, Robinson, SR supv on site

1150 Robinson Dpt site

1200 ALFONSO & SR supv Dpt site

1300 Temp 114.6°

1325 SR supv on site

1344 ALFONSO on site

1346 Water Break 111.7° - SR supv Dpt site

1412 Resumed work 111.7°

1445 Robinson & SR supv on site

1515 Temp. 109.5°

1520 Robinson & SR supv Dpt site

1603 Patrick & Kenneth Dpt site

1645 shut site down for the day. Over

Reviewed
ALFONSO
in LXC log

W. R. Zacher

Temp. 83° Hum. 78%

Safety Briefing by King

0835 Radio check

0845 opened site TH 4-2 - Personnel on site
BECKER, HALL, Broadway, Zimmerman (Z-man),
PATRICK, Kenneth. - STANBROOK AT CP

0929 ~~SSO~~ SR SUPV ON SITE

0936 SR SUPV DPT SITE

0942 DPT TH 4-2 FOR FB-1, BECKER, HALL

1004 BACK AT TH 4-2. BECKER, HALL

1005 Temp. 113.7°

1030 SR SUPV ON SITE - 112.1° IN SUN, 91.4° IN
shade

1040 Water Break

1045 Resumed work

1053 SSO ON SITE AND SR SUPV DPT SITE

1055 Temp 118.2° IN SUN, 94.8° IN shade

1057 SSO DPT SITE

1110 ALFONSO ON SITE

1145 ALFONSO DPT SITE

1200 Temp 119.1 IN SUN, 97.5 IN shade

1300 Temp 115.4 IN SUN

1360 SR SUPV ON SITE

1313 SR SUPV DPT SITE

1400 Temp 114.6° IN SUN - 89.1° IN THE shade

1402 Water Break

1425 Resumed work

1430 C.O.E. VISITOR, ALFONSO, SR SUPV, PM ON SITE

1445 VISITOR, ALFONSO, PM, SR SUPV DPT SITE

1446 Temp 108.1° IN SUN - 88.2° IN shade

1455 ALFONSO, SR SUPV, PM ON SITE

1510 SSO ON SITE

1520 SSO going down Range TO Test Drum WITH PCB KIT

1527 SR SUPV DPT SITE

1547 SSO DPT SITE - PPS LESS 1000 PPM

1600 PATRICK & KENNETH DPT SITE

Temp 103.6° IN SUN - SR SUPV ON SITE

1610 SR SUPV DPT SITE

Temp 82°

Hum 84%

Safety Briefing

0915

Radio check

0920

opened site TA-4-2, personnel on site
BECKER, Z-MAN, Broadway, Stouber, Patrick,
Kenneth.

1010

ALFONSO on site -

1015

HALL on site, Temp 96.4° in sun + 84.0° in
shade

1030

ALFONSO Dpt site

1040

SR Supv on site

1052

Becker, Kenneth, Mathew, Patrick To Dock area

1500

Becker, Kenneth, Mathew, Patrick Back at
TA 4-2, - completed The Building
of new Fuel Pad and cleaning up
The Dock area

1550

SR Supv on site Doing site safety visit

1555

SR Supv Dpt site

1600

Start shut down of TA 4-2. JRB

Remover
Debris
to UXO bag

W. B. Beshen

Temp 84°

Hum. 81%

SAFETY Briefing

0900 Radio check, opened TA 4-2 personnel
BECKER, Z-MAN, BROADWAY, STAUBER, KENNETH,
PATRICK

0948 SR Supt ON SITE

1022 SR Supt Dpt SITE

1055 ALFONSO ON SITE

Cont. 20 Filled	Cont. 20 Left Island	Case Cont.
11	11	11

1100 Temp 92.1° in sun 88.0° in shade

1103 ALFONSO Dpt SITE

1115 WATER Break

1125 Resumed work

1215 Lunch

1300 Resumed work - Temp 98.2° in sun, 89.4°
in shade

1405 Temp 96.1° in sun 87.1° in shade

1440 MALECTIC Monarch checking FRONTEND Loader
Loader ~~not~~ OUT on service

1450 Frontend Loader BACK in operation

1535 SSO ON SITE

1559 SSO Dpt SITE

1630 Blocking EAST END TA 4-2 with 2 cars

1645 Starting shutdown of TA 4-2. URB

Remained
at site
in 1940

GRB

Temp. 85° Hum 82%

Safety Briefing

Containers Full 20(11)

Containers off Island (20)^{cu}

(cars) 1

0840 opened TAY-2, personnel on site Becker, Z-MAN, Stamber, Broadway, Patrick, Kenneth, Tailgate Safety Briefing

0842 Radio check

0917 1 container off Trash (20) DPT Island

1000 Temp 93.9° in sun, 88.5° in shade - water Break

1020 Resumed work

1025 ALFONSO on site

1115 Temp 96.2° in sun, 87.9° in shade

1130 ALFONSO Dpt site

1200 Lunch

1300 Resumed work, Temp 101.5° in sun, 90.5° in shade

1310 SR SUPV on site

1335 SR SUPV Dpt site

Temp 101.5° in sun, 91.4° in shade

1423 ALFONSO, PM on site

1426 SSO on site

1450 SSO Dpt site

1530 Temp 100.1° in sun, 90.5° in shade

1550 ALFONSO Dpt site

1610 Kenneth & Patrick Dpt site

1630 Starting shut down of site. Over.

Reviewed
in 1 hour
in 100 days

OR Becker

Temp 84°

Hum 82%

SAFETY BRIEFING

CONTAINERS TRASH FILLED (20 cu) IIII (CNR) IIII

CONTAINER OFF ISLAND (20 cu) IIII (CNR) IIII

0815 Radio check site set up personnel on site - Becken, 2-man, Oscar, Ricky, Patrick

0845 ALFONSO ON SITE

0855 ALFONSO check container truck (safety check)

0905 ALFONSO Dpt site for CR

0950 Kenneth on site

1000 Temp 108.9° insun, 89.5° in shade

1005 water break

1025 Resumed work

1045 SR Supv on site

1050 550 on site

1120 SR Supv + 550 Dpt site

1137 ALFONSO on site

1200 Temp 93.2° insun, 88.4° in shade
Lunch

1230 Resumed work

1250 Temp 98.5° insun, 88.5° in shade

1425 ALFONSO, SR Supv, MR CARTER on site

1435 MR CARTER Dpt site

1440 Temp 95.5° insun, 88° in shade

1450 SR Supv Dpt site

1530 ALFONSO Dpt site

1540 Started raining

1555 Rain stopped

1630 Starting shut down of site TA 4-2. GWS

Review

ALFONSO
in OTO tent

W. Becken

Temp 85° Hum. 83%

Safety Briefing

Containers Filled (Trash) III

(Cars) III

Containers off Island (Trash) III

(Cars) IIII

0953 Radio check

ON SITE TR4-2, personnel, Becker, Brownway,
Stauber, Z-MAN, Patrick, Kenneth.

0920 ALFONSO ON SITE

0945 Temp. 94.7° IN SUN, 84.6° shade
SR SUPV ON SITE - WATER BREAK

0950 SR SUPV DPT SITE

1000 Resumed work

1055 ALFONSO DPT SITE

1105 Temp 95.5° IN SUN, 87° IN shade

1220 Lunch

1250 Resumed work Temp. 94.6° IN SUN,
91.2° IN shade

1450 Temp 89.1° IN SUN, 87.5° IN shade

1510 ALFONSO ON SITE

1535 Temp 89.5° IN SUN, 88.6° IN shade
ALFONSO DPT SITE FOR CV

1630 Starting shut down OF SITE. Over

Remain
at site
in use

WPK Becker

5-23-79

Temp 86° Hum 80%
Safety Briefing

Containers off Island (Trash) 1111 (Cars) 1111

0835 Tailgate Safety Brf. MT TA 4-2
personnel on site Becker, Broadway,
Stambeck, Zimmerman, Patrick, Kenneth.

0940 Jack Thomas (PM), SR Supv, Robinson in the area

1010 PM, SR Supv Dpt site

1015 Robinson C.O.E. Dpt site

1045 PM, SR Supv, AL Fonso on site

1050 Temp 99.5° in sun, 89.5° in shade

1145 Temp 100.4° in sun, 90.4° in shade

1200 Lunch

1255 Resumed work

1300 Temp 100.4° in sun, 91.2° in shade

1430 SSU on site

1620 SSU Dpt site - Temp 100.4° in sun -
93.5° in shade

1553 AL Fonso on site

1610 SR Supv, Robinson on site

1630 Starting shut down of TA 4-2

* Note AS of Today we have moved
TOTAL 14 containers (20 cu.) of TRASH OFF THE
Island and 15 CONTAINERS (20 cu.) OF CARS
OFF Island. OK

W. L. Fonso
12-10-79

W. L. Fonso

Temp. 86° 1400 70%

SAFETY BREIFING

CONTAINERS OFF ISLAND (TRASH) 1111 (CARS) 1111

0815 Radio check

0816 Mic 6 on The Beach

0843 Mic 6 Dpt Island with (1) container of TRASH

0836 opened site TH 4-2, personnel Becken, Patrice,
Ricky, Z-man, OSCAR, Kenneth

0935 SR supv on site

0950 AL Fonso on site

1014 SR supv Dpt site

1055 Temp 94.6° in sun, 87.3° in shade

1210 Temp 96.1° in sun, 90.7° in shade

1330 SR supv on site

1500 Temp 93.6° in sun, 90.3° in shade

1630 Starting shutdown of site - completed
putting in the 9 sampler on TH 4-2.0

Securities 7.
AL Fonso
Dr JKO 10/9

JR Becken

Temp 84° Hum 77%

Safety Briefing

containers off Island (Trash) 1 (CAR) III

0830 opened TIA 4-2, 2-man, Becker on site with 7 TEU personnel.

0842 Ricky on site, Oscar, Tom, 2-man, Kenneth, Patrick.

0855 Sampling Team, Oscar, Ricky, Tom, Becker.

0900 Sampling Ready waiting on Mini Cam to come on line.

0925 Mini Cam up and laying sampling line to sample

0940 Team going down range MT S-9

0945 sampling started @ S-9

0946 S-9 completed, Heating sample

0950 setting up on S-8

0951 starting S-8

0955 S-8 completed, Heating sample

0955 setting up on S-7

0956 starting S-7

1000 S-7 completed, Heating sample

1001 Team @ CR2

1006 All four in Area

1007 starting headspace 2, 8, 9

1024 Headspace completed on S-9, Neg

1032 Headspace completed on S-8, Neg

1048 Headspace completed on S-7, Neg

1050 setting up on S-3, S-4, S-5, S-10

1105 starting S-10

1109 S-10 completed (off Island sample)

1115 starting S-4

1117 S-4 completed (off Island sample)

1122 starting S-5

1125 S-5 completed

1132 starting S-3

1133 S-3 completed

1135 starting heating & headspace on S-10, S-4, S-5, S-3

1152 All four in Area

- 1223 Headspace S-5 completed, Neg
1240 Headspace S-3 completed, Neg
1313 Starting S-2
1315 S-2 completed
1318 Starting S-1
1321 S-1 completed
1329 Starting S-6
1331 S-6 completed
1332 Heating & Headspace started on S-2, S-1, S-6
1353 S-2 completed, Neg
1405 S-1 completed, Neg
1416 S-6 completed, Neg
1417 Sampling completed
1545 START shut DOWN OF TA 4-2

Revised
Drawing
to spec

GRMS edher

Temp 85

Hum 79%

- 0820 SAFETY briefing, Plan For Today will begin gridding, mapping, & plotting of TA-4(2).
DUE TO REDUCTION OF WORK FORCE TEAM WILL be T. DAVIS as Team Leader with R. Stauber, O. Broadway, T. Duffield, J. Johnson. T. DAVIS will have Team 1 log Book.
- 0845 START SITE SETUP OF TA-4(2) PERSONNEL ON SITE T. DAVIS, O. Broadway, J. Johnson, R. Stauber, PATRICK KENNETH, MATTHEW, T. DUFFIELD, MIKE R. ~~ST~~ ALRICH, LEONARD.
- 0900 begin work J. Johnson, ALRICH, MATTHEW headed TO TA-5 TO WORK ON brush pile.
- 0917 J. JOHNSON ~~beg~~ starting work
- 0938 SSD ARV AT TA-4(2)
- 0955 SUXO ARV AT TA-4(2)
- 005 Temp 90°F TAKING water break
- 020 BACK TO WORK
- 07 COE REP MR ONICK ~~at~~ TA-4(2)
- 100 COE REP ONICK Dep TA-4(2)
- 200 SSD, MIKE R. Dep TA-4(2) break for lunch
- 300 LUNCH OVER BACK TO WORK
- 350 SSD ARV TA 4(2)
- 400 TAKING water break Temp 94°F
- 415 back to work
- 530 STARTING SITE break down, Broadway & Stauber head to CP MAJESTIC personnel working on heavy Equipment.
- 1600 break down complete (goodday)!!

Reminders:
O.C. Lumber, P.
J.C. - no key

[Signature] Davis

page
The
in the
left
of
for

Temp 82°

Hum 77%

- 0745 Team Leader Briefing, Plan for today is to grid, plot & mag TA-4(2) and to clear brush in TA-4(1) for burn off.
- 0810 SAFETY and CP Briefing
- 0825 Radio CK (OK)
- 0830 START SITE SETUP IN TA-4(2) & TA-4(1) personnel ON SITE T. DAVIS, T. OUFFIELD, R. STAUBER, O. BROADWAY KENNETH, MATTHEW, LEONARD, ALRICH, PATRICK mag check out #285, 14, 187, 70. all OK.
- 0845 SETUP complete STARTING WORK GRID #1 TA-4(2).
- 0930 GRID #1 complete TA-4(2) HITS all over grid, whole grid is HOT.
- 0936 START setup of grid #2 TA-4(2) Temp 85°
- 0955 SETUP OF grid #2 complete STARTING WORK.
- 1020 GRID #2 mag work complete grid is HOT!! TAKING WATER BREAK
- 1028 COE REP ONICL ARR TA-4(2)
- 1040 WORK STOPPED IN TA-4(2) To allow P.M. & MR. ROHENA To LOOK AT HAZ. MAT. IN TA-4(2).
- 1115 P.M. DEP TA-4(2) WITH MR. ROHENA
- 1125 COE REP MR. ONICL DEP TA-4(2).
- 1130 BACK TO WORK
- 1200 LUNCH BREAK
- 1300 BACK TO WORK MR. ONICL & SSO ARR TA-4(2) TRAINED ALL TEAM PERSONNEL ON USE OF WATER PUMP
- 1330 STARTING MAG OP ON grid #3 & 4
- 1400 MAG OP complete ON grids #3 & 4 IN TA-4(2) both grids HOT. TAKING break Temp 84°F
- 1410 BACK TO WORK setting up grids #5 & 6
- 1420 grids complete both #5 & 6 ARE HOT
- 1425 SUXO AT TA-4(2)
- 1445 SUXO DEP TA-4(2)
- 1500 START SITE break down & prep OF HAZ. MAT. DRUM & BATTERIES.
- 1600 SITE break down complete headed TO CP. (OVER)

Approved
for release
by
P. L. H.

Greg King



1609 TURN OVER Map TO TA-4C2 TO QAQC Ed KING
1613 SUXXO BRIEF Team on burn plan
1635 BURN BRIEF OVER SHOTING down FOR Today

Remained
at Landing 7
in LHO loop

NO DUB

TEMP 85°

HUMID 77%

0750 CP & SAFETY BRIEF PLAN FOR TODAY IS TO BURN BRUSH
TAW BURN PLAN IN TA-4(1)

0840 START SITE SET UP Tailgate health & safety
brief, personnel have been briefed and familiarized and
on fire extinguishers and pumps. First aid/CPR personnel
are T. DAVIS & T. DUFFIELD. Personnel on site R. STUBBS
O. BROADWAY T. DUFFIELD, LEONARD, PATRICK, MATTHEW, ARICK,
KENNETH, T. DAVIS

0855 P.M. & SOXO ARV TA-4(1) & COE REP MIKE, ONIEL

0948 STATED ~~brush~~ brush burn op.

1025 COE REP ONIEL & SOXO Dep TA-4(1)

1037 SSO & MR ONIEL ARV TA-4(1)

1047 MR ONIEL Dep TA-4(1)

1103 SSO Dep TA-4(1)

1200 TAKING LUNCH

1245 BACK TO WORK

1247 SOXO & SSO ARV TA-4(1)

1321 MR ONIEL ARV TA-4(1)

1400 SOXO & MR ONIEL Dep TA-4(1) FOR TA-5

1355 SOXO & MR ONIEL ARV TA-4(1)

1415 SOXO Dep TA-4(1)

1500 SOXO ARV TA-4(1)

1510 MR ONIEL Dep. TA-4(1)

1545 STOP Feeding burn, APPROX 140 cu yd OF BRUSH BURNED

1554 STARTING COOL DOWN OF BURN BIN.

1707 FIRE OUT !!! STARTING SITE BREAK DOWN TA-4(1)

1715 SITE BREAK DOWN COMPLETE headed TO CP.

Reviewed
DeLencoe
in SOXO log

Davis

Log Complete
D-1

3/29/94

HAMARNID BAY

SAMPLE #51 31' FROM TREE AND 28'8" FROM
MONUMENT #2 - ~~SAME~~ ^{same}

SAMPLE #52 59'8" FROM TREE AND 28'8"
FROM MONUMENT #1

3/29/94

TA 8

3/30/94

SAMPLE S-3 57'8" FROM SOUTH LIGHT POLE AT
INTERSECTION, 12' IN FROM WALL AND 55'2" FROM
NORTH LIGHT POLE.

SAMPLE S-4 3'8" ^{NORTH} FROM SOUTH LIGHT POLE AT
INTERSECTION AND 6' FROM WALL 109'2" FROM
NORTH LIGHT POLE

SAMPLE S-5 100' FROM CORNER OF INTERSECTION
MOVING EAST AND IN 20' TO THE NORTH

4/4/94

TA 6

SAMPLE S-6 80' FROM MONUMENT #1, MONUMENT
#2 127' NE

SAMPLE S-7 74' FROM MONUMENT #1, FROM #2
NE 64'

SAMPLE S-8 51' FROM MONUMENT #1 AT MONUMENT
#2 AND MONUMENT 2304 DUE SOUTH 68'

SAMPLE S-9 61' FROM MONUMENT #1, #2 50 1/2'

SAMPLE S-10 83' FROM MONUMENT #1, #2 64'

SAMPLE S-11 140' FROM ROAD DOWN TRAIL -
MONUMENT #1 119', #2 150' WEST

SAMPLE S-12 60' IN FROM ROAD (NO SAMPLE TAKEN)
FROM MONUMENT ON ROAD AT TRAIL - DOWN ROAD SOUTH 138'
AND WEST IN 60'

811/1

4/6/94

Sample S-1 $34\frac{1}{2}'$ NW of monument #1,
 $26\frac{1}{2}'$ ~~from~~⁰⁰³ South of monument #5 and $102'$ SE
of Light Pole

Sample S-2 $43'$ NE of monument #2 and
 $62'$ SW of Light Pole

Sample S-3 $68'$ SE of monument #3
 $88\frac{1}{2}'$ West of monument #4, $25'$ NW of Light
Pole

Sample S-4 $16\frac{1}{2}'$ from monument #4 (South),
 $63\frac{1}{2}'$ East of Light Pole, and $35'$ North
of monument #5

4/7/94 TAY-1 East side

Sample S-6 NE $49\frac{1}{2}'$ to monument #7, SE
 $53'$ to monument #6

Samples S-7 monument #6 SE $62'$, $96'$ NE to
monument #7

Sample S-5 E $102'$ to monument #7, $101'$
SE to monument #6

Sample S-8 NW $90'$ to monument #4, West
 $69'$ to monument #5, SW $79'$ to monument #1

S-5	35' 2"	42' 5"
S-6	59' 2"	60'
S-7	90' 8"	91' 9"
—	Right Gate Post FB-2	Light Post Front Warehouse
S-8	73' 6"	96' 6"
S-9	56' 5"	92' 2"

811H

FB-3

S-1	^{SW} CORNER POST 14' 5"	GR. POST #1 9'
S-2	^{SW} CORNER POST 51' 9"	GR POST #2 27' 3"
S-3	^{NIE} CORNER POST 89'	GR POST #3 37' 5"

CORNER POST IS SW OF GREEN PAINTED POSTS
 GREEN PAINT POST #1 - 10' FROM CORNER POST
 GREEN PAINT POST #2 - 4TH POST FROM CORNER
 POST HEADING NORTH
 GREEN PAINT POST #3 - 11TH POST FROM CORNER
 POST HEADING NORTH

From center line Gate

	H	V	Dist	To
Base Line 1.	0°00'00"	89°18'06"	69.72'	Power Pole (existing point - is center of meter)
2.	127°39'06"	89°02'48"	108.20'	S-17
3.	163°38'54"	89°10'24"	82.42'	S-16
4.	151°52'42"	89°29'48"	128.42'	S-13
5.	155°32'06"	89°47'42"	224.20'	S-15
6.	178°23'30"	89°32'18"	158.54'	S-14
7.	171°57'42"	90°00'00"	203.68'	S-11
8.	193°29'30"	90°03'06"	235.84'	S-12
9.	186°30'24"	90°16'06"	328.50'	S-1
10.	104°56'48"	88°51'36"	87.98'	Left Dam
11.	121°38'48"	88°52'06"	89.76'	Center Dam
12.	126°09'06"	89°07'12"	112.62'	Right Dam
13.	From S16 To S-18 60'			S-18
	From S17 To S-18 50'			

S-1	1	67'5"
	2	13'8"
S-2	1	100'1"
	2	63'11"
S-3	1	150'5"
	2	129'
S-4	2	132'4"
	3	136'1"
S-5	2	87'3"
	3	102'2"
S-6	2	33'6"
	3	78'10"
S-7	3	48'9"
	4	111'9"
S-8	3	12'11"
	4	91'8"
S-9	3	58'10"
	4	56'10"
S-10	2	136'9"
	3	110'9"

8 11 41

ANNEX D
TEAM 2 LOG BOOK

Jan 2

U. S. V. L.

Water Island

21 Mar 64

030 Departed Crown Bay Marina for
Island

050 Arrived CP

090 Equipment arrived Began serial
number verification & check out

030 Briefing. Temp 80° winds calm

000 Lunch

030 Lunch over. Equipment inspection variable
and inventory continuing

045 Off to work we go

000 Eberole Davis Clarke Johnson & Dufeld
arrive. TA 5 and begin plotting out grid

030 Safety Accepts proposed plan for Grid A
20

100 UXO Clarke reports numerous (3)
arm scratches

005 LEAVING AREA to continue tomorrow
Back at CP. EOD brief TA'da'
Done done for the day.

Remained
in area
UXO 400

[Handwritten signature]

22 Mar 94

0730 Arrived at CP Temp 83° Calm
Winds. Meeting for T.C. with SUXO
0830 Begin morning meeting
0840 Finish morning meeting
0900 Arrived at TIA 5 and began site setup
0915 Site break area set up and Mags #29
1040 #285 #332 checked out & OK
0920 Site briefing complete
0945 Safety & UXO Sup. discussed how marking
and recording, must use
1045 SUXO informed us lunch was 1200.
walked to office to discuss confusion with
P.M. and got lunch. Came up with plan
to map out TIA 5 unknowns. We now have
2 Monuments in TIA 5
0730 BACK to the grind. Now we too are
cutting down the brush. Permanent marker
installed at this time 100ft North of
first monument.
1400 Break we have trimmed our first
batch of trees. Pain in the butt
1420 BACK at work
1550 Beginning site breakdown. Need to
complete some paperwork and get briefed on
mapping and plotting kits
1730 Leaving Water Island

0730
0830
0930
1000
1230
1400
1420
direct
1500
1530

1630
1647

Remains
of 1st monument
1000 sup

1000 sup

23 Mar 94

0730 Departed for Blood work

0830 Returned to Hotel awaited eye test

0930 Departed for eye test

1000 Eye test

1232 All Team finished eye test

1400 Arrived at CP

1420 Safety Briefing weather 84° wind variable direction at 8

1500 Lts Clark Appointed Temp UXO Supervisor

1530 Began training on WEEDER. Reviewed safety, nomenclature, operation and shut-down procedures. Conducted operation checks. Personnel in attendance, Clarke, Davis, Johnson and Duffield.

1630 Training completed. WEEDERS secured.

1647 Commence site breakdown.

Remains
W. C. Lindberg Jr.
UXO SUP

24 Mar 94

0830 Arrived at CP.

0840 Morning briefing. 84° 4 MPH from various southern directions. Informed SUXO about questions on Level D PPE. Was informed verbally that Modified Level D Authorized.

Use of weed eaters with 3 sided blades Authorized without chaps & face shields. Hard hats around weed eaters. Level D still remains a question. Not all personnel are wearing leather boots with steel toes. The Corps sent us snake guards for chain saw chaps. Oh what a wonderful day. Oscar, Ricky, Les, Terry, Jim Don and local hires (5 ea) will be working in Area 5.

0900 Arrive at site and begin set up. Start work

1030 Break

1100 Site Safety Officer visits area. We are going back to work. Tom Duffield here for tape of work Area

1130 SUXO Visits our site

1150 Informed lunch was ready

1200 Lunch time

1300 Back at site Radio CK OK

1410 Break

1430 Back to work

1435 Safety arrives for site visit

1500 SUXO arrives for site visit. Informs me of pay method for local hires.

1550 Beginning site break down. Approximate Area cleared 100' x 45'

1630 Brief on work

James
SUXO Sup

MS

28 Mar 94

0830 Morning Briefing. 85° winds calm
and variable direction
0855 Meeting complete. Still confused about
PPF Level D. Was told need hard hats
on equipment operator and anyone in immediate
area. Steel toes on weed eater operator
around 0930 Support Area established.
0950 Briefing Complete off to work
Radio OK OK Team 2 & 5 locals
1035 Break
1040 SUXO Arrives
1100 SUXO Departs back to work
1150 Break for chow And visit from Corp
1215
1300 Back to the ground.
1320 SUXO Arrives but leaves immediately
1400 Break. Heard on Radio that SUXO was
on his way to my location.
1405 SUXO Arrives
1415 SUXO Leaves
1430 Back to work
1530 Break. Have a visitor who is a
Marine who was curious. Referred him to SAC
when he drove by. Don't think he went and
talked to him.
1600 Back to work
1640 Breaking down site per SUXO. Need
to have locals at dock for 1710 Freedom
Flight.
1700 All personnel received numerous small
scratches 2 personnel have blisters (small)
possible sweat blisters. Will check tomorrow
AM.
1715 EED

Reviewed
11:15 AM 11:15 AM

0830 Morning Meeting TA 5 op continuing
with Team 2 and 5 local hires. 88° 80
humidity. Base line pulse count of every
2 hours will be logged in. Any time
pulse reaches 110 person will be sat
down. This supposedly solves work res.
Guess Adults can't tell when them or
the person next to them needs a rest.
0900 Off to work we go. Oh what a
glorious day.

0910 Arrived at work site and beginning
to set up support zone. Am trying to
figure out who is going to be allowed
to work. Steel toes are required to
work woodraters and around the bucket loader.
My bucket loader driver does not have steel
toes, Les does not have steel toes. Ken the
local does not have steel toes. Assignments
are tough about hard hats. Hard hats are
required to work around the loader, use
woodraters and cut things higher than their
head. I have 7 hard hats at hand. Base
Pulse at 930. Don 73 Terry 66 Tom 85 Les
~~St~~ Tim Paris 71 Patrick 69 Ken Thomas 62 St L
J Johnson 82 Reynolds 71

0954 Team is whining with the normal
complaints. Terry & Tom's blisters are
gone. Believe they are caused by sweat.

1130 Pulse Count Tom 72 J 78 Terry 60
Don 72 Reynolds 68 St Luc 65 Patrick 72
Paris 73 Thomas 56 Les 54

1150 Temp 97 71% Humidity

1305 Lunch

1405 Finally to work Les Assigned to
C. Tom 86 Jay Johnson 86 Terry 90 Williams
Paris 86 Reynolds 78 Thomas 60 Don 72
St Luc 60

1520 88° 70% Rel Humidity

1545 Informed h. cover that we should catch

going the 1710 boat to Rover. Will comply
3' 80% 1615 Beginning to break down site. THANK
254 goodness. Will have to ask SUXO questions
7 time about our pulse procedures. Hope Tomorrow
SAT will be a much better day.
rest 1635 Arrived at CP and stored gear. He
25 whining now. Oh well, such is life.
EST 1450 On way to dock EED,
A

Reviewed
CUL Landing
SUXO Sup

UNING

to
Allowed
to

+ loader
steel
in the

UNING

AS ARE

USE

o their

BASELINE

15 1450

St Louis

normal

NO

sweat

GO

72

to

will not go

2

30 Mar 94

0830 Meeting with Kelly Jack Ed Dave 082
 Dave & Don concerning safety change 083
 0815 Starting meeting of general populace 0900
 83° 79% Humidity 090
 0915 Arriving at worksite Pulse base Tom 85 Site 0920
 Les 62 J 85 Don 84 Mathew 85 0920
 Steve 80 Ken 52 Patrick 72 Leonard 72 Pat.
 Terry assigned to CP duties, Site set up. Basically same assignments as yesterday. 1030
 1040 Break 105
 1055 83° 79% 1110
 1200 Lunch Pulse Leonard 72 Les 60 T. 1110
 Tom 84 Patrick 84 J 80 Tom 85 1110
 Kenneth 63 Steve Mathew 82 13.
 1300 Back at work
 1405 Pulse Les 80 Tom 90 J 92
 Patrick 84 Mathew 80 Ken 54 Don 72
 Struggles with majestic mechanic working on fuel tank Leonard 86 taking break
 1410 SUXO stops by for site visit.
 1425 SUXO LEAVES Temp 88° Terry's
 Pulse 86 Steve 90
 1435 Back to work
 1600 Break Don 91 Tom 84 Patrick 72
 Ken 60 J 84 Leonard 92 Steve 90
 Mathew 60 Les 65 Terry 60
 1700 Locals to the dock, Everybody had scratches

Arrived
 at SUXO
 SUXO Sup

31 Mar

0825 Morning meeting 88° 78% humid

0835 Meeting

0900 At work site awaiting locals

0905 SUXO AND locals arrive setting up site.

0920 Base Pulse Terry 66 J 82 Tom 75

d 72 Patrick 72 Les 60 Ken 60 Mathew 85

set Don 72

study 1030 Break

1050 SSD shows up for visit

1110 Pulse Tom 84 Les 60 MA-Lew 65

Terry 66 J 76 Don 72 Ken 60

Patrick 60

1300 Packing up

~~Procedures~~
 W.C. Lindsey 7
 SUXO SUP

72

4

72
 4

4 Apr 84

0815 Arrive CP
0820 Morning Meeting. PPE is finally
enforced. 88° 69°
0900 Arrive AT TA 5. Setting up Support
zone. SSD visit to our Area. He is
not in proper PPE. We are giving him
a cation of shit. Ask about pulse
count, was informed no need to continue.
Missing battery from Front end loader.
0925 SUXO & Corp stopped by for small
visit. Starting work. Corp Rep not proper PPE
0930 SUXO & Corp rep left
1035 Break time. SUXO Steps by.
1050 SUXO leaves on way to CA
1100 Back to work
1245 Lunch
1400 PM agrees with perimeter during
his site visit. Discuss possibility of
sampling
1415 Back to work. SUXO visit site
1420 was informed during lunch that J. Johnson
may have pinched a nerve in right hand
due to using weed eater. Will check again
tomorrow. Temp 88° 71° Took J. Johnson
off weed eater & put DuField on it. Has
took over Terry's.
1530 SSD Arrives Informed him of
J. Johnson's problem.
1545 SSD Leaves Back to work
1615 Discovered a large number of PVC pipe
plastic furniture items. north west of old
cement plant. Possible from hotel. Advised SUXO.
1630 Beginning Breakdown
1700 At CP EOD

Remained
at SUXO
SUXO Sup

[Signature]

0815 Arrive CP
 0825 Morning Meeting. 87° 74% Hum
 Briefed by safety to do pulse count every
 2 hours. What a joke.
 0835 End of meeting. J Johnson Assigned
 to work with sampling crew
 0915 Site set up Terry 72 Tom 72
 Don 80 pulse count Map 189 & 285
 Checked out OK.
 0925 SUYO & Glen & J Johnson Arrive on
 site.
 1015 Break Sampling plots found and nails pounded
 in. The map is annotated by number & measurement
 per sample.
 1132 Break Pulse count Don 90 Tom 85
 Les 60 Jay 79 Terry 60
 1230 TEU Arrives our location & began
 their set up
 1300 89° 73% Hum
 1305 SSD & Corp rep arrive
 1307 Sampling team arrive on site
 1312 Mike & SUYO Arrive on site
 1336 Team entering AREA Bottles going in OK
 1341 Beginning Sample S-TAS-02-04/05/94-1343
 1343 Sample complete Awaiting headspace.
 1350 Starting headspace.
 1401 Headspace complete Beginning teardown
 Weather update 88° 73%
 1406 Sampling team out of Area drinking liquid
 1415 Sampling team re-entering Area
 1422 Sample S-TAS-02-04/05/94-1424-135-002
 beginning.
 1424 Sample complete.
 1430 Starting Headspace.
 1442 Headspace complete.
 1447 Beginning S-TAS-03-04/05/94-1449-135-002
 Sample
 1450

1455 Awaiting Head space

1500 90° to 90° H-m

1507 Sampling team tearing down for the day

1526 Signed sample over to TEU

1540 All personnel other than Team 2 have departed area

1600 Informed by SUXO To start wrapping up.

1645 Arrive CP ECD

Reviewed

W C Lindsey

SUXO Sup

W C Lindsey

on plan of day. Hopefully won't change.
- 0830 General meeting. Dock safety stressed.
86° 79% winds calm. Sgt Major must
be escorted by Safety or SUV0. Call on radio
if he shows up. Getting thermometers for each
work site.
- 0845 Meeting over. Gathering gear to
depart
- 0900 Arrive work site. Awaiting dump truck.
MAC 285, 189, 70 CK out O.K.
Beginning map ops Pulse Don 80 Tom 84
Terry 72
- 1000 weather 91° 65% Hum
- 1100 Break Mike Robinson arrives our area
in safety shoes what a guy. Weather
up date 87° 78% Hum
- 1130 Back to work.
- 1140 Mike the corp rep is taking his
safety shoes and leaving our area
- 1200 88° 74% Humid
- 1210 Lunch
- 1300 Back on site awaiting TEU.
- 1320 SUV0, Corp Rep Robinson, Capt Mart. 2-2, Army
Tom 2 Jeps AND 5 TEU personnel arrive.
The circus is about to begin.
- 1330 Corp rep Mike explaining Pulse count.
TEU personnel establishing exclusion zone
- 1340 TEU personnel starting site setup
Samplers will be Glen & Terry. Decon
Tom & Tom. In case of emergency, EVAC
all personnel at our point. Safety just
showed up Pulse Terry 80 Glen 80 Les 70
Jim 88 Don 86 Tom 82 Tom 2 85
- 1345. Safety arrived with safety shoes on. What
a guy.
- 1350 Bottle ck out in the Green.
- 1353 Taping up sample team.
- 1400 Sampling team entering exclusion zone

- 1405 S-TAS-05-04/06/94-1406-DEE started.
1408 Sample complete. Awaiting heat for headspace.
1412 Beginning Headspace
1425 Done Headspace
1428 SUYO, Mike of the Corp & Jack Arrive
At my site. Jack lent his out. (Safety shoe)
1430 Sample S-TAS-04-04/06/94-1433-DEE
began at this time
1433 Sample Complete. Awaiting heat for head-
space.
1438 Beginning headspace
1448 Corp Rep from Puerto Rico shows up 18
people on site. SUYO LEAVING
1450 Headspace complete. PM, LES, Safety
LEAVING SITE
1455 Sampling team out of exclusion zone. TEU
taking down exclusion zone and moving it to
last sample point for today
1500 TEU HAS EXCLUSION ZONE ESTABLISHED.
Temp is 90 70% humidity. Mini CAMS went
DOWN to mechanical difficulties.
1530 Sampling team entering exclusion zone
1532 Sample S-TAS-06-04/06/94-1535-DEE
began at this time
1535 Sample complete. Awaiting heat for head-
space
1540 Starting headspace
1551 Headspace complete.
1555 Sampling team out of AREA. TEU
breaking down exclusion zone. They are wrapping
up ops for today
1640 Evening meeting. Boat safely stored
E.O.D.

Remained

W.C. Landry

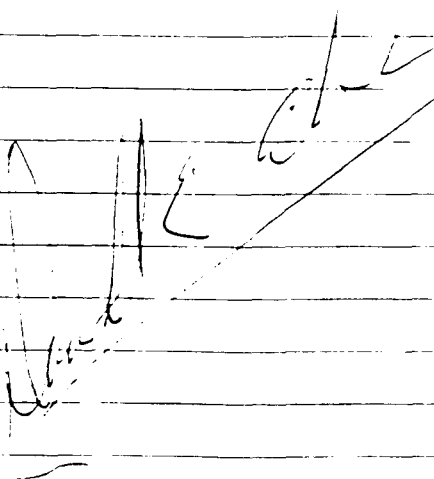
SUYO Sup

HEE

0800 Team chit meeting
 0830 General meeting begins. A Mr Dick
 Webber was discussed. Refer him to Management
 or Alphonso. 90° 70% already. It's gonna
 be hot. PPE reminders.
 0840 Meeting over Normal teams today.
 0900 At site. Beginning set up. Starting
 monument mounting points.
 1005 Break. 86° 66% humidity
 1030 Back to work
 1055 81° 71% Mr Robison here on my
 site.
 1100 SUYO Arrive my site.
 1200 85° 86% Lunch
 1315 work stopped due to wet, slippery &
 muddy conditions. Decision by Corp Safety,
 Site Safety & SUYO. Site maintenance
 until 1700 EOD

QC of log done 04/09/94. No discrepancies noted.
 Edward D. King, Site Quality Control.

Reviewed
 W.D. King?
 SUYO Sup



0900 Arrive CP after problems at dock involving personal from warehouse. Their ship blocking Larry's access to new dock. They will probably move today

0910 Team Leader meeting

0930 All other personnel arrive at CP. Morning meeting. 76° 84% Humidity. Raining pretty steady. LSS assigned to brush. J. Johnson: st. 11/11/94 tangle in fingers of right hand

0905 Arrive at work site. Beginning site set up.

0930 TEU Arrives and surveys site

0955 SUYO Arrives.

1000 SUYO Leaves

1020 Last 4 sampling sites in. TEU said they would be ready to sample in 20 min

1030 Capt Martinez explained that the sample could be taken and sealed in a bag for 30 mins of sunshine before testing.

1040 Advised that bottles are green.

1044 Advised by TEU, was ready for sampling.

1048 Project Manager arrives our location

1050 Sampling crew entering exclusion zone, Terry & Jim

1054 Sample S-~~07~~⁰⁸-TAS-07-04/11/94-1055 - DEE beginning. P.M. reports

1055 Sample complete. Beginning 30 min wait

1102 Sample S-TAS-08-04/11/94-1105 - DEE beginning

1105 Sample complete beginning 30 min wait.

1110 Sampling team departing exclusion zone. Terry & Jim

1125 TEU beginning headspace on sample 07.

1135 Complete headspace on sample 7. Beginning sample 8

1145 Headspace complete on sample 8. Wrapping up sampling ops for this morning. Taking a break awaiting word on show.

1200 Lunch

1300 Lunch

1325 TEU beginning set up

1334 SSC arrives at site. Took his usual amount of abuse. Daily well.

1345 Capt Martinez ceased sampling operations
due to excessive ground moisture. Humidity would
affect his mini cams also RAIN is steady and
hard

1430 RAIN has stopped for the time being.
Will lay out next grid for mag ops.

1510 SUYO ARRIVES

1520 Informed by SUYO that PM called and
requests Jim Johnson be sent in to see the
set up. doctor.

1525 SUYO and Jim Johnson depart site

1600 Stop mag ops until tomorrow. Listing already
measured hits.

1630 Departing site

1645 Arrive CP. Brief SUYO EOD

1700
1725
SUYO Sup

Terry & Jim
up

gaining

& Jim

up

up
up

up

0800 Team Chiefs & SUXO Meeting. Plan of the day discussed.

0830 General populace meeting. L&S assigned to run brush with 5 locals.

0835 Meeting over. Off to work 92° 63%

0850 Don arrives at TA 5. 6 TEU Personnel on site already. Got with Lt & Army Tom to discuss sampling sites.

0905 Little Tom Terry & Jim arrive and begin site set up. TEU Lt departs for CP.

0915 Air bottles are in green. In the discussion with TEU, samples will be placed in plastic bag for 30 mins again before off gas check. J Johnson informs me of appointment with doctor on Thursday 0940.

0935 Support zone set up. Awaiting notification from TEU on their set up.

0938 TEU notifies me they are ready. Sampling team headed to ECP.

0942 Terry & Jim enter exclusion zone

0944 Lt from TEU returns to TA 5. S-TA5-10-04/12/94-0945 - Dec beginning

0945 Informed sample 10 in bag beginning 30 min buildup time.

0950 Terry & Jim exit exclusion zone.

0958 SUXO & PM arrive at TA 5

1005 Temp Shade 83.6 SUN 90

1015 SUXO & PM leave TA 5 but Alphonso arrives. Beginning headspace

1025 Headspace complete. TEU moving equipment

1027 Capt Martinez arrives TA 5

1040 Terry & Jim entering exclusion zone

1041 S-TA5-09-04/12/94-1041-Dec started and completed. Beginning the 30 min bag time.

1045 Jim & Terry out of exclusion zone.

1100 Temp SUN 89 Shade 92

1115 Beginning headspace

1125 Sample complete. Beginning exclusion zone tear down. TEU personnel will still be on site etc

hope fully.

1145 Informed lunch on the way. Breaking down for lunch

1245 Temp 83.8° in Shade 98° in the sun
Terry & Don arrive T.A.S. 4 TEU personnel

1300 Tom & Jim show up along with 4 more TEU
TEU is beginning equipment set up

1315 SSO arrives T.A.S.

1323 SSO leaving T.A.S.

1330 Alfonso arrives.

1333 Road closed. CAN begin sampling.

S-TAS-14-04/12/94-1337-DEE Terry & Jim

entering exclusion zone. Beginning to take sample

1337 Sample 14 complete.

1340 Terry & Jim out of exclusion zone. Road will remain closed until 1407 at least.

1356 TEU starting to sample for off gasses.

1410 Off gassing complete. Opening road.

1420 Temp 95.2 in Sun 82.6 in Shade

1423 TEU personnel have moved to a position to sample #19

1431 Terry & Jim enter exclusion zone

1433 S-TAS-19-04/12/94-1435-DEE beginning

SUXC & Captain Mike arrive T.A.S.

1435 Sample complete.

1438 Terry & Jim out of exclusion area.

1442 A truck stopped at roadblock. Informed him it would be 1510 before he would be able to pass

1500 Temp 87 in sun 84 Shade

1503 TEU putting sensor in bag

1505 Approximate 10 min before sample test complete

1515 Sample clean SUXC AND Corp Mike depart T.A.S. TEU setting up for #13

1530 TEU set up for sample 13

1532 Jim & Terry enter exclusion zone

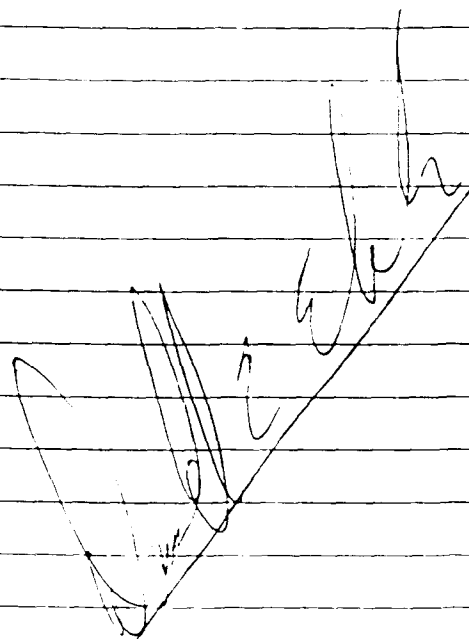
1533 S-TAS-13-04/12/94-1535-DEE began

1535 Sample taken. Beginning 30 min wait.

1540 Terry & Jim leaving exclusion zone. Approximately 11 Done check

1602 NEU personnel putting sensor in bag. Temp
83.9 Shade 86 in sun
1620 Sample clear. Road's open. Beginning
site break down
1635 All personnel leaving TAS
1645 Arrive CP. Brief SUXO. EOD

Reviewed
in C. Lindsay
SUXO Sup



0400 Team Chief & SUXC meeting. Plan of the day discussed. 80° 74% humidity.
0430 General populace meeting. Brush ops were discussed. Continuous equipment not necessary. Rotate personnel assignments.
0845 Don Las Terry Jim Tom Arrive TA 5 6 TEU personnel already here. Professional behavior briefed. TEU personnel setting up their equipment.
0920 Dump truck arrives support zone set up begins. Initial work site temp 93° shade 82 Sun
0925 Corp Rep & SUXC Arrive TA 5 PM Too
0930 Bottles are in the green
0935 TEU says their equipment is ready. PM request hold up of ops until Alphonzo gets through the area. SUXC & Mike leave
0940 Alphonzo gets through the exclusion zone
0941 Terry & Jim enter exclusion zone. Beginning S-TA 5-18-04/13/94-0944-DEE
0944 Sample complete. Beginning 30 min time
0950 Terry & Jim out of exclusion zone
1015 TEU putting sensor in bag
1015 Capt Martinez & SSO arrive at TA 5
1050 Sample clear Road open
1100 Jack left my area sometime. Didn't tell me he was leaving
1105 Martinez & SSO leaving area
1111 Tom, Terry & Jim entering exclusion zone
1112 Beginning S-TA 5-17-04/13/94-1115-DEE-004
1115 Sample complete. Beginning 30 min wait
1120 Tom, Terry & Jim leaving exclusion zone
1141 SUXC at TA 5
1145 TEU personnel putting sensors in bag
1200 Sample clear Road open
1205 Jar Sample complete & in cooler
1207 TEU ready for Sample 16
1210 Jim & Terry enter exclusion zone SUXC left TA 5
1215 S-TA 5-18-04/13/94-1215-DEE Brown

1215 Sample complete start 30 min time 07
 1220 Sampling team (Jim & Terry) out of exclusion zone 61
 1232 TEU putting sensors in bag 090
 1245 Sample clear. Road open 1
 1300 Lunch 91
 1400 Back at site 5 TEU & all team 2 members 09
 1410 Sun Temp 85 Shade 81 TEU 6
 1445 78° 83% humidity SUXO & Corp resp 09
 Mike on site 09
 1447 TEU tells me their equipment is up. 09
 Charlie is working on a hot box for samples 090
 1450 Alphonzo shows up. SUXO and corp 095
 resp Mike leaving. C
 1455 SUXO & Mike changed mind. They're 095
 still here. 100
 1500 SUXO & Mike really leave. Measurement 100
 to road from S 12 '132' Road needs 100
 shut down 100
 1506 Terry & Jim enter exclusion zone 101
 1507 S-TAS-11-04/13/94-1512-see began 103
 1512 Sample complete awaiting preheat time 103
 1515 S-TAS-12-04/13/94-1517-see beginning 103
 1517 Sample complete awaiting preheat time 103
 1519 Terry & Jim departing exclusion zone 110
 1610 Informed by Lt Brooks that road would not 111
 be open until 1630 120
 1620 S 11 Cleared 132
 1630 S 12 Cleared Road open. Beginning 13
 to pack up. S 15 tomorrow morning 141
 1632 Alphonzo leaving our area. 142
 1700 Arrive CP. Daily Brief on today's haps. 143
 L&S cleaning up Decon buckets. 160
 1725 Departing for dock ECD 162
 162
 1630
 02
 170

Remover

W. C. Smith

SUXO Sup

Don't like

HPI 17

0845 Don Terry Jim Tom Les Arrive T.A.S
AND began site set up

0850 MAG # 255 TO 7 189 CK out OK

0910 Radio CK OK. Emergency EVAC of normal
dock dock

0930 43° shade 46° sun Beginning mag ops

0955 Alphonzo arrives

1000 Alphonzo leaves after taking pictures

1003 SUXO & Mr Robinson Arrive T.A.S

1015 SUXO & Mr Robinson depart T.A.S

1020 Alphonzo returns to take pictures of addition
to our trash pile over the weekend

1025 Break. Temp 85° shade 87° sun

1040 Back to work. Trying to decide on a
map strategy is tough

1120 Temp 83° shade 87° sun 72% humidity.
Have a grid strategy in mind

1200 Breaking for lunch

1300 Back to work 89° sun 83° shade

1305 SUXO & SBC & Leonard Arrive T.A.S

1310 SUXO leaves

1330 PM, 2 people from Majestic arrive & surveys
the area.

1340 PM & Majestic personnel leave T.A.S

1500 Break. Temp 83° shade 89° sun

1520 Back to work. Grid D plotted. Grid E is
totally contaminated.

1600 Grid E is finished being magged. Whole grid
is trashed. Laying out tomorrow's grids.

1616 Porta Pot guy Arrives. Beginning his operation.
Hope his has success. Good timing, because
we will have to move the porta pot tomorrow.

1630 Porta Pot man arrives departs SUXO & Mike
show up on our site

1640 SUXO AND Mike leave

1645 Site tear down.

Remover
SUXO left

[Signature]

0845 Terry, Les, Jim, Tom & Patrick arrive
TA 5.

0850 Don arrives TA 5 with dump truck
Beginning site set up

0900 Temp 83 Shade 85 SUN. Emergency EVAC
is the Flamingo Bay MARINA. Radio
Check OK

0910 Mags # 285, 70 & 189 have battery
change. Check out OK.

1018 SSD Arrives TA 5

1039 SUKO & Mike arrive TA 5

1049 SSD LEAVES TA 5

1055 SUKO & Robinson leave TA 5

1105 SUKO & Robinson return to TA 5 with our
vehicle. What a set of wheels. Mike said
the seat works work and it passed his
safety inspection checklist

1135 Alphonzo arrives

1145 BREAK. Grid H is layed out. one grid
left but it's real small

1150 Alphonzo leaves.

1200 Lunch

1300 Back to work. Temp 84 Shade 89 SUN

1405 Patrick & Ken arrive TA 5.

1445 Tom leaves TA 5 to go to C.P. to get
videocamera for filming TA 4

1500 Constructing monuments

1548 SUKO Arrives on site

1600 Site break down commencing. Plotting
continuing.

1650 TA 5 complete & gridding mapping &
plotting.

Arriving
at TA 5
in XODR

Mike

- 0820 Terry, Les, Tom, Jim, Don Arrive FB2.
2 man, Ken, Steve, Leonard Matthew + 6 TEU
personnel already here
- 0845 Shown all sampling points. Discussed plan
with Army Tom. Sounds good to me. Numerous
moves but it has to be
- 0920 Informed that Brush crew needs to shut down
ops and move out of Area 4 minutes to show
time. Bottles in green
- 0923 Lt Arrives at FB2. TEU ready to sample
- 0924 Terry & Jim entering exclusion zone.
- 0925 S-FB2-15-04/20/94-0927-DEE began
- 0927 Sample complete. Beginning cook time
- 0930 Jim & Terry out of exclusion zone
- 0940 Alphonzo Arrives FB2.
- 0955 Sample clear. TEU beginning movement
back east to new sampling points
- 1003 Tom, Jim & Terry enter exclusion zone
- 1004 S-FB2-11-04/20/94-1012-DEE beginning
SUED, Mike Moran, Mike Robinson Arrive FB2
- 1012 Sample complete. Beginning cook time
- 1018 Tom, Jim & Terry leave exclusion zone
- 1020 Mike Moran leaving island.
- 1022 Tom leaving to go film T.A. 5.
- 1028 Testing sample
- 1040 SUED & Mike leave FB2
- 1041 Sample clear
- 1044 Terry & Jim entering exclusion zone.
- 1045 S-FB2-14-04/20/94-1052-DEE beginning
- 1044 Tom returns from T.A. 5 filming.
- 1052 Sample complete. Beginning cook time
- 1053 Jim & Terry out of exclusion zone
- 1105 Sample being tested
- 1115 Sample cleared
- 1125 TEU informs me 4 min till sample
- 1128 Jim & Terry enter exclusion zone
- 1129 S-FB2-13-04/20/94-1133-DEE began
- 1133 Sample complete. Beginning cook time
- 1138 Terry & Jim out of exclusion zone

1139 Mike Robinson Arrives FB2 Patrick here

Also SUYO Also

1148 Sample being tested

1159 Sample Cleared

1200 TEU starting their shut down challenges

1215 Lunch. SUYO & Mike leave FB2

low
low 1305 LEO Terry Tom Jim Don arrive FB2 7 TEU
personnel, Oscar, 2 MAN & 5 locals already here

1315 TEU will be up in approximately 30 min

1325 SUYO & Alphonzo show up at FB2

1330 TEU informs us 5 min till sample

1336 Terry & Jim enter exclusion zone

1337 S-FB2-17-04/20/94-339-DEE began

1339 Sample complete. Beginning cook time

1342 Terry & Jim out of exclusion zone

1352 SUYO leaving Robinson here at FB2

1400 Sample clear.

1410 Robinson leaving FB2

1414 Jim & Terry enter exclusion zone

1415 S-FB2-16-04/20/94- - DEE began

1418 Sample complete. Beginning cook time.

1422 Jim & Terry leaving exclusion zone

1430 SSC at FB2

1432 Sample being tested

1442 Sample cleared

1452 Jim & Terry enter exclusion zone

1453 S-FB2-18-04/20/94- - DEE began

1458 Sample complete. Begin cook time

1500 Jim & Terry out of exclusion zone LEO
is preparing to do good decon on all equipment
used for sampling.

1510 LEO leaving area. Sample being tested

1520 SSC leaving

1523 Sample cleared. Sampling complete in
FB2. TEU is doing their final
challenge SUYO arrives Mike Too

1545 SUYO & Mike Robinson depart. All 7 TEU
personnel gone. Just 2 MAN Oscar, 5 local
hires Don Terry & Tom Off we go.

1545 cont. to the brush detail. We are good at
this. We've had practice
1640 Site break down.

Reviewed
We finished
at 1740

Marked

at 0900 Lgs Terry, Jim, Tom, Don Arrive
at FB 2. Locals & Team 1 already
on site beginning site set up. Brush
ops AND moving equipment & metal
debris. Tom off to do filming. Team
2 except Don assigned to direction of
Z-MAN

1035 Meeting over

Reminded
Estimate 2
to VAO Sup.

W. H. H. H.

0850 Don, Terry, Les, Jim, Jim Ziman, Oscar Arrive
FB 2. 7 TEU personnel already on site setting
up their gear. Ziman & Oscar heading to
TA 4 waterfront to concrete monuments.
Decon gear being set up by Les. Radio
OK OK.

0925 M. K. Robinson Arrives FB 2

0925 Alphonzo Arrives FB 2 with SSD

0950 Informed by TEU it would be approximately
20 minutes

1013 SSD leaving area

1023 TEU moving down to sample set up point.
Escape bottles in the green

1035 TEU ready for sampling as soon as stretcher
is on hot line

1038 Stretcher on hot line

1040 Terry, Jim and Tom enter exclusion zone

1041 S-TC-01-04/25/94-1042-DEC-008 beginning
of take

1042 Sample complete

1043 Sample in hot box being cooked for 10
min.

1046 Tom, Terry & Jim exit exclusion zone

1056 Sample cut open and being tested

00 Phosgene & CK test have negative results
on Dräger tubes

1113 Sample cleared

1130 SUXO & PM Arrive at FB 2

1200 Everybody taking lunch

1300 Back to work. Terry, Les, Jim & Tom
off to TA 5 to finish concreting monuments.
Don, Oscar, Ziman, Dave Becker, Ricky, Matthew
Steve & Leonard working at FB 2. Leaving one
and to prepare for mapping & plotting

1400 Break

1410 SUXO at FB 2

1430 Back to work

1445 SUXO leaves FB 2. Two teams working
in 2 different areas.

1515 SSC AT FBZ
1530 Break for team 2. SSE leaving
1600 Back to work. Temp 95 sun 85 shade
1615 Terry assigned temp. Team Leader
1617 SSO E DON Leaves FBZ
1640 SITE Break down

Reviewed
at 1640
SR. VRO has

W. G. Allen

Arrive FBZ
 0848 Radio CK OKay
 0915 SUXC SSC & Mike arrive at FBZ
 BREAK, 82 Amb 81% Humidity
 J Johnson At CP monitoring radio
 1045 BACK to work. SUXC SSC & Mike
 LEAVE FBZ
 1145 Lunch
 1245 BACK to work 90 shade
 1335 BREAK
 1345 SUXC & Alphonzo Arrive FBZ
 1400 Mike Robinson arrives FBZ. DAVE
 doing SSC & Battery inspection.
 1405 BACK to work. Personal pot missing around bats.
 1455 BREAK Temp 86 shade 94 sun
 humidity 78%
 1520 BACK to work
 1545 SUXC & Mike Robinson arrive FBZ
 1554 SUXC & Mike leaving FBZ
 1558 SUXC BACK
 1610 SUXC LEAVES FBZ for CP
 1635 Site breakdown. Went a hot one.

Remove
 all birds
 from site.

Mike Robinson

0850 Arrived FB2 Don Perry has 10m 0

Jim. Tom Hall & Ricky already here

0910 Start work. Mig 285 CK out CK

2 1025 Break, Temp 90 sun 80 Ambient

1055 Back to work.

1115 SUXO Mike & Alphonzo arrive FB2

1120 SUXO determines "battery-removal" not required. Whole area is saturated with metal. Area marked off with engineers tape to identify the area as no work area

1133 SUXO, Mike & Alphonzo leave FB2

1200 Lunch

1300 Back to the ground. Temp 80 Shade 78 sun

debs 1328 SSC + Phil visit FB2

1331 SSC, Phil, & Dave Becker leave FB2
Corp rep Mike arrives

1336 SUXO arrives FB2

1345 Mike Robinson leaving FB2

1415 SUXO departs FB2

1440 Alphonzo arrives FB2

1445 Back to work Temp 100 sun Shade 84

1535 All TEL personnel out of area

1545 Break 97° sun 83 Shade

1610 Back to work

1630 Site break down

Remained
at FB2
SR used SOP

W. G. L.

0824 Arrive F15 2 ' Radio CK OK Dan 09:
 Lts Terry Matthew Leonard Patrick Ken
 + Steve Temp on site 86 SUN
 0940 Break Temp 91 SUN
 0945 SUXO & Charles from TEL Arrive
 FB2
 1015 Back to work Temp 88 Ambient 103 SUN
 1021 SUXO & Charles leave FB2 084
 1030 Break Temp 107 SUN 96.9 Ambient 092
 1200 Lunch
 1300 Back to work Majestic is doing maintenance 093
 to equipment. FB2 started being laid out 094
 by Timber heading west. Temp 93.6 Shade 1005
 117 in SUN. 1035
 1400 Break
 1430 DH to this mag ops via 90. Mag 104
 #70 OK 110
 1500 Break 87 Shade 116 SUN 112
 1510 SUXO arrives FB2
 1527 SUXO leaves FB2
 1533 Alphonzo Arrive FB2 120
 1545 S. to breakdown 121
 1300

Arrived
 Alphonzo
 in SW camp

Dan Ch

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- 0935 Arriving FB 2 Don, Terry, Jim, Tom, Lam H
Oscar Ricky Z Man, Ken, Steve, Patrick
Leonard, Matthew. Has assigned to survey
crew. Beginning site set up. Plan is
to mag and flag grids in area.
Mag 285, 189, 70, 14, 332, 187 check
out OK
- 0845 Radio ck OK. Survey crew shows up
- 0920 Informed by CP to take a break while
chase boat to fuel
- 0930 Back to work.
- 0945 SUXO arrives FB 2
- 1005 Break Temp 84.6
- 1035 Back to work laying out Grid B of
FB 2 and beginning mag ops
- 1045 Alphonzo Arrives at FB 2
- 1100 SUXO leaves FB 2
- 1125 Grid B complete mag ops. We have
possibly found the buried vehicles. Grid
is very magnetic.
- 1204 SSD Arrives FB 2
- 1210 Lunch
- 1300 Back to work Z man & all 5 Locals
working on repositioning of brush
to TA 5
- 1315 SUXO at FB 2
- 1345 SUXO leaves FB 2 with Oscar to
CP & Tom D. Field to TA 4-2
- 1420 Break Temp 87, Loader has flat rear tire.
- Late entry 1400 Alphonzo Arrives FB 2
- 1433 SUXO at FB 2
- 1437 SUXO leaves FB 2
- 1450 Break over. starting to lay out grid C
- 1530 Break
- 1610 Back to the grind.
- 1645 Beginning site breakdown

Personal
and
L. M. E. H.

ARRIVED FB 2. LARRY, JIM, TOM HALL, TOM
DUFFIELD, Z MAN, Steve, Leonard, Mathew, Patrick
KEN, OSCAR AND DAVID BECKER. RADIO CK OK
DAVID BECKER, PATRICK & KEN HANDLED TO TH4-2
BEGINNING SITE SET UP. MATHEW INSTALLING
VALVE STEM IN LOADER TIRE. SITE EVAC BRIST.
0926 SUXO & PM ARRIVE AT FB 2
0935 SUXO & PM DEPART FB 2. Z MAN, KEN, STEVE,
LEONARD & MATHEW MOVING BRUSH 1
1000 Z MAN, LEONARD, KEN, STEVE, MATHEW MOVING
TO TH 4 TO MOVE THE BRUSH. TEMP 85
1010 BREAK
1030 INFORMED BY Z MAN THAT KEN WANTS TO
GO TO THE DOCTOR BECAUSE OF EYE IRRITATION.
CONTACTED SUXO AND HE CAME TO FB 2
1040 BACK TO WORK
1105 INFORMED BY OSCAR & RICKY THEY HAD DOCTORS
APPOINTMENTS FOR 1430 TODAY. SUXO INFORMED
1110 SSO ARRIVES FB 2
1118 SUXO & 7 CORP REPS ARRIVE AT FB 2
1145 MAG OPS COMPLETE AT FB 2. GUESS
ALL THE JIP'S ARE LEAVING FB 2 BECAUSE
THEY ARE OUT THE GATE
1200 LUNCH
1300 BACK TO MAINTENANCE WORK
1600 SITE BREAKDOWN. ALL PERSONNEL DEPARTING
FOR SITE SURVEY OF TH4-2

Reviewed
by SUXO
in SUXO log

[Handwritten signature]

Call Tom	0900	Arrives FB 2 for support zone 52
Patrick		up. Dan, Terry, Les, Jim, Tom, Steve, Matt
OK OK		and Leonard
to TA 4-2	0910	Radio Check OK
illing	0920	Discussing + plan of a Hack for mapping
SVAC print		FB 3
	0930	SUXO arrives at FB 2 for plan of
in, Steve,		a Hack
	0935	SUXO departs FB 2
moving	0940	Informed by SUXO to begin ops in FB
up 85	0957	SSO ARRIVES AT FB 2.
	1015	SUXO AT FB 2
to	1030	SUXO LEAVES FB 2. Team has been
operation		assigned to MAG FB 1. This is getting
to		to become a common practice hope someo.
		is getting a kick out of it, we're not
nd doctors		starting brush ops.
informed	1130	BREAK
	1145	Lunch
2	1245	Back to work in FB 1
ess	1340	SUXO + PM arrives at FB 2
CRUSE	1345	BREAK
	1350	Training on molchar
	1410	Training over, taking a break Alphonzo
		gets here. MAG 199 + 70 OK check out
as - no	1420	Off to the mag ops we would go
	1423	SUXO + PM LEAVE FB 2
	1535	FB 1 MAG ops complete
Late entry	1515	SUXO AND Corp Rep Mike arrive
		at FB 2
	1535	Les, Matthew, Steve, Leonard depart with
		molchar for test at TH 5
	1635	Sits break down

reviewed
by [unclear]
in the [unclear]

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1100 0 1100 0 1100 0 BEGINNING SITE SET
up in TH5 to begin corner of grid
marks. Terry, Jay, Tom & Patrick.
Don & Les doing previous work area
maps.

1030 Break

1045 Back to work

1105 SUXO + 6 Arrive TH5

1108 SSO + 1 Arrive TH5

1115 SSO departs TH5

1118 SUXO + 7 depart TH5

1145 Site breakdown of TH5. Departing
for FB2.

1200 Arrive FB2, lunch time

1300 Site set up for FB2 to mark grid
corners.

1315 SUXO arrives FB2

1325 SUXO departs FB2

1445 Corners of grids in FB2 & FB1 marked

~~1445~~ Taking break. Awaiting next tasking

1505 Alphonzo arrives at break area

1525 Alphonzo departs FB2

1600 Site breakdown.

Remains

at break area

1200 0 1200 0 1200 0

1200 0 1200 0 1200 0

0850 Arrives at TA 4-2. Beginning site
 2nd Set up of support zones. Les Don Terry
 Tom & Jim.
 0900 Radio CK OK
 0905 SUXO Arrives at ~~TA~~^{TA} TA 4-2.
 0925 SUXO Departs TA 4-2
 0950 SSD Arrives at TA 4-1 (our support zone)
 1000 SUXO Arrives at TA 4-1. Training on
 Porta Pido.
 1010 CLASS on Porta Pido complete. Machine
 being set up in TA 4-2 in a general
 downwind direction of work area
 1030 Terry assigned Team Leader temporarily
 1120 Corp Rep Alphonzo arrives TA 4-2
 1130 Break
 1200 SUXO, Don & Dave arrive TA 4-2. Lunch
 1210 SUXO, Don & Dave depart TA 4-2
 1300 Back to work, SUXO & PM arrive
 at TA 4-2
 1320 SUXO & PM depart TA 4-2. Alphonzo
 arrives
 1415 Break Hot Hot Hot
 1425 Back to work
 1450 Davis Back in the helm of team 2
 1500 Break
 1525 SUXO Arrives TA 4-2
 1550 Back to work SUXO Gone
 1635 Site breakdown

removed
 SUXO
 SUXO

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0800	TA 4-2 Beginning site set up.	0800
	Les, Jim, Tom, Terry & Don. KING & Patrick	
	Also Radio OK OK	0900
0905	Army Tom Arrives & given tour of area, Plan of Attack discussed.	0920
0915	Army Tom departs TA 4-2. He said I can use them to monitor, they can be here & set up in 20-30 minutes.	0930
		1000
1000	SUXO Arrives TA 4-2. Plan of Attack discussed concerning explosives that are gone or are not secured to vehicles.	1030
		1050
1015	SSO Arrives TA 4-2	1100
		1130
1035	SSO departs	1200
1045	SUXO departs TA 4-2	1300
1100	SSO Arrives TA 4-2	1310
1100	SSO departs TA 4-2	1340
1140	Corp reps arrive TA 4-2	1400
1150	Mike Robinson departs TA 4-2	1430
1200	Alphonzo departs TA 4-2. Stepping out for lunch	1450
1230	JAY Johnson departs FOR CP DUE TO Heat STRESS ²⁶⁰² ~~STRESS~~ ²⁶⁰² ~~STRESS~~	1500
1305	Back to work	
1325	SUXO leaves	
1345	Alphonzo back at TA 4-2	1530
1345	SUXO departs Break	1545
1400	Brigade that Mr. Johnson is leaving island to relax rest of day. Terry & Les depart from TA 4-2 enroute to CP. Alphonzo leaves AREA	1550
		1600
1450	Mr Robinson & SUXO arrive TA 4-2	1620
1520	Mike & SUXO leave Area	1645
1550	SSO at TA 4-2	
1600	SSO departs area. Site break down beginning	

1000
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0945 Arrive TA 4-2 Lvs Don Tom, Terry, Patrick
 & Matthew Leonard. Beginning site set up.
 0950 Pic of attack discussed. Stump elevance
 of containment area
 0954 SUXO & Ricky at TA 4-2
 0956 SUXO & Ricky leave Break
 1000 Back to work
 1030 SUXO at TA 4-2
 1053 SSO arrives at TA 4-2, SUXO leaves
 1058 SSO departs area
 1113 Alphonzo arrives TA 4-2
 1135 Alphonzo leaves
 1200 Lunch
 1300 Back to work
 1310 SUXO at TA 4-2
 1340 SUXO leaves
 1400 Break
 1410 Back to work SUXO & guests arrive
 TA 4-2 (H.L. Moran, Alphonzo & Col
 1450 SUXO & group departs
 1500 Discovered 3 leaking drums and discussed
 with SUXO & Alphonzo. Unknown sub-
 stance PCB test on 1 of 2 drums in line
 1510 SSO = 1000 ppm test
 1515 Test results are less than 1000 ppm.
 1555 Back to moving brush
 1600 SUXO at TA 4-2
 1615 SUXO leaves
 1625 Jim break down
 1640 Every body going home

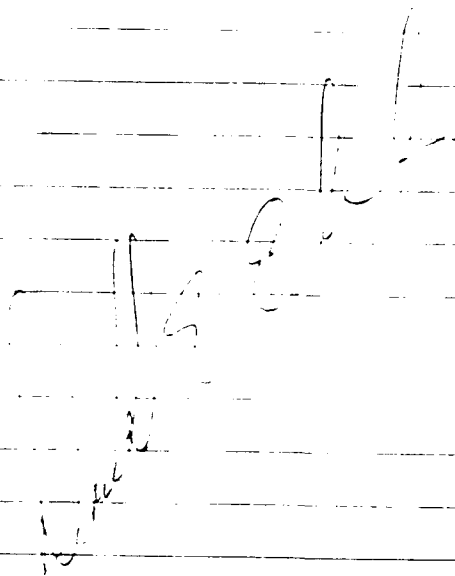
Reviewed
 in evening
 in Xerox

- 0915 Arriving on site. Begin site set up.
Radio OK OK Les in CP Jim Tom Terry
& Don at TH4-2 with locals
- 0930 Draining fluid containment pit of water
- 0945 Transferring fluid from leaking barrel into
good barrel.
- 1000 Break
- 1030 Back at the brush ops and vehicles
moving.
- 1120 Break. Drink lots of water
- 1140 Off to work we go
- 1200 Lunch
- 1300 Work again
- 1335 Oscar received a thumb puncture wound on
right hand while using SUXO + SSO in
AREA. Break
- 1400 Back at it
- 1455 Break
- 1515 Back at it
- 1555 Weather proofing containment area. SUXO
Arrives at site safety visit
- 1600 SUXO departs. Beginning site breakdown

Remained
at SUXO camp.

0445 Arrive AT TA4-2 Les Terry Tom Don
Loader meets A jump start Leonard
Steve AND Matthew Jim Johnson
1045 INNING SITE SA-UP
Radio OK OK
1215 SUC AT TA4-2 ILL ARE WORKING
Lunch H vehicles complete AT this time
1 trash bin gone 20yd
1300 Back AT work
1600 1545 IN SITE breakdown vehicles
1 2 3 5 6 7 8 Shipped 2 11 15 and today
were back now

Remains of
the vehicle
are now
in the
pile



0940 Arrive at TA 4-2. Don, Lass, Terry, Jim Johnson. Front end loader will not start. Will try to jump start. Radio OK OK
0900 Safety work site meeting. Chemical evacuation up wind on road at wide spot. Wash stations set up
0910 SUYO arrives
1000 BREAK
1010 Mike Bant arrives. Car #4, 9, 11, 10, being loaded on this load
1035 Last car of this load out of here
1200 Lunch time
1300 Back to work.
1400 BREAK
1420 BACK to work
1445 Inform of truck's puncture wound. A stick bush thorn scratched him to one area where antiseptic cream was applied. A bandaid applied. Inform him to let me know if it is bothering him tomorrow morning
1615 Beginning site break down. 23 vehicles now completed

Remainder
of vehicles
to be left

- 0915 Arrive OK Site set up
Jim Terry R. K. E. plan Patrick + Dad
- 0955 First load of vehicles #4 load. Vehicles
13, 18, 22. Discussed with driver about
weight.
- 0955 Mike Bent departs
- 1053 Mike Bent returns
- 1200 Lunch for some people, others loading
car bin #24, 29, 30 in bin
for load #6 #19 Also
- Late entry Load #5 was 14 15 26 27
- 1230 Lunch for the car crew
- 1325 Mike Bent back. Load #6 being taken
now. Back to work
- 1425 Break for Ketter, Suro + Cor. Rep
entering TA 4-2
- 1440 Car crew back at work loading another
bin
- 1520 Load #7 has the following cars 20, 31, 32,
33.
- 1635 Begin site Breakdown

Reviewed
in Commission
-44- 10/14/04

0835 Arrive at 1A4 AND begin site
Set up. Dan Terry, Tom, Jim, Matthew,
Patrick, Ken. Front end loader up
but Fork lift not operating this
morning. Terry with Steve working on it
Tom Patrick & Ken will continue brush
ops

0950 Break. SUXC, Jim & Mike Robinson
Hrs

1015 Back to work

1120 Break

1130 Forklift working now Back to work

1200 Lunch

1300 Back to work

1355 Load # 13 ready. Vehicle # 56 and
various engines & #60

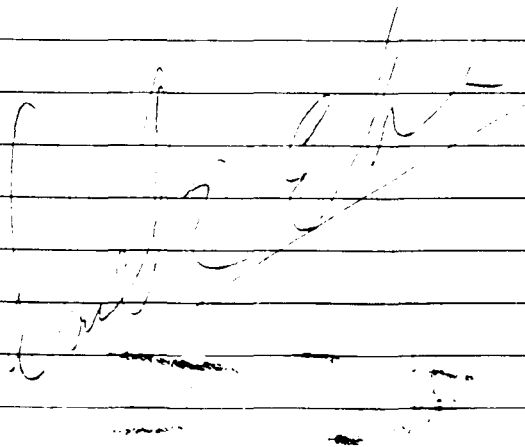
1440 Break

1455 Load 14 being loaded #45, 54

1600 Load 15 loaded # 34, 61, 67

1605 Forklift to FB 2 for vehicle service
Beginning site breakdown of vehicle
area

Remained
at site - In addition to the above
reported, load & departed
this late PM



0800 Terry, Matthew & Steve arrive at
TH 4-2 and begin set up for ops
0820 Load #16 of vehicles begin being loaded.
Vehicle # 57, 26, 63, 64
0835 Don Tom Jim Ken Patrick arrive at
TH 4-2. Tom Ken & Patrick brushing, Don
Jim Terry Oscar Steve & Leonard doing the
vehicle thing.
0935 SUVXO on site
0950 Alphonzo arrives
1220 SUVXO leaves. Brent
1045 Back to work
1200 Lunch for a lot of folks Terry Don
Steve & Matthew loading vehicle load 17 with
#76 53 65 74
1235 Don Terry Steve to lunch
1310 Back to work
1440 Battery count at TH 4-2 is 104
1530 Vehicle load 18 had #43, 52, 59, 75
Vehicle load 19 has vehicles 58, 72 & 73
1535 Alphonzo here
1625 Beginning site breakdown

Reviewed
in 10/10/74

John

- 0815 Steve And Don Arrive TH 4-2 & begin
vehicle ops.
- 0835 Load #20 22 vehicles loaded Vehicle
numbers 66, 70, 71 Other personnel
Arriving
- 0935 Vehicle load #21 with vehicles
#21 28 & 69 ready
- 1120 Vehicle load #22 with vehicles 48, 68, 78
Leaving
- 1140 Vehicle load #23 ready with vehicles
16, 23 & 60
- 1145 Lunch
- 1330 Back to work
- 1318 Vehicle load #24 leaving with vehicle
#79. What a happy site we have now
with no J.A.S. here
- 1415 Suvo here
- 1545 Sunboat departs with last trash container
About time to party TH 4-2 is now
a respectable looking AREA. Beginning
site breakdown
- 1605 This is the last entry in this
log book by Donald E Ebersole.
Who ever gets to continue with it
may they have as much fun trying
to keep up with it as I did.
Adios everyone

Reviewed
OK
is OK

QC of log done
31 May 1994. No

discrepancies noted.

Edward D. King

Site Quality Control

Monument 1

Monument 2

S-TAS-01-04/05/94	33' 6" NE	67' SE
S-TAS-02-04/05/94	95' 6" NE	14' 8" SE
S-TAS-03-04/05/94	98' NW	38' 3" W
S-TAS-04-04/06/94	152' NW	75' NE
S-TAS-05-04/06/94	139' 9" NW	40' 9" NE
S-TAS-06-04/06/94	148' 8" NE	64' 8" NW
S-TAS-07-04/11/94	100' 7" NE of Grid A corner	67' 1" E of P #3
S-TAS-08-04/11/94	127' 2" N #2	27' 4" E of P #3
S-TAS-09-04/12/94	100' 9" NW #2	65' 2" NW #3
S-TAS-10-04/12/94	49' 10" S #5	131' 10" #3
S-TAS-11-04/12/94	34' 1" N #5	31' 4" S #6
S-TAS-12-04/12/94	58' 6" N #6	45' E of P NW Power Pole
S-TAS-13-04/12/94	57' 10" W #7	83' E of P #5
S-TAS-14-04/13/94	74' 8" E #6	107' 5" NW #7
S-TAS-15-04/13/94	75' 3" N #7	122' 7" NW #8
S-TAS-16-04/13/94	95' 7" NE #7	91' 3" N #8
S-TAS-17-04/13/94	114' 8" E #7	32' 9" E #8
S-TAS-18-04/13/94	52' 1" E #7	33' 5" W #8
S-TAS-19-04/14/94	54' SE of P NE Power Pole	95' 11" NE #3

68' 9"

67' 3"

43'

38' 7"

31' 2"

59' 7"

49' 7"

41' 4"

48' 10"

38' 8"

57' 2"

59' 11"

58' 6"

57' 4"

41' 2"

54' 7"

44' 10"

57' 5"

55' 3"

51' 0" NE

61' 11" NE

70' 6" NE

66' 5" to 72' NE

74' NE

65' 2" NE

59' 8" NE

58' 7" NE

67' 2" NE

70' 9" NE

73' 11" NE

76' 4" NE

70' 6" NE

74' 7" NE

86' 8" NE

88' 5" NE

91' 10" NE

97' 9" NE

99' 5" NE

41' 2"

39'

58' 5"

61' 10"

69' 2"

40' 6"

51' 9"

61' 3"

67' 4"

56' 2"

65' 4"

49' 3"

47' 6"

49' 5"

71' 5"

50' 4"

57' 5"

63' 5"

72' 6"

72' 3" SE

67' 3" SE

64' 7" SE

68' to 70' 6" SE

68' 5" SE

62' 7" SE

57' 7" SE

62' 3" SE

55' 3" SE

59' SE

55' SE

53' 6" SE

57' 7" SE

58' 7" SE

53' 10" SE

52' 3" SE

47' 9" SE

57' 7" SE

57' 3" E

106' 6" NE

103' 8" NE

98' 2" NE

96' 4" NE

89' 6" NE

77' 11" NE

75' 10" NE

71' 5" NE

68' 6" NE

62' to 77' NE

81' 3" NE

70' NE

80' 6" NE

89' 2" NE

100' 8" NE

90' NE

85' 5" NE

68' 9" NE

64' 9" NE

85' 7" NE

90' 10" NE

101' 5" NE

94' 4" NE

89' 5" NE

87' 3" NE

93' 1" N

92' 11" NW

105' 4" NW

98' 2" NW

94' 6" NW

91' 4" NW

85' 8" NW

78' 4" NW

75' 9" NW

74' 2" NW

93' 4" NW

93' 6" NW

105' 1" NW

106' 10" NW

53' 6" NE

46' 10" NE

49' 5" E

47' 5" E

47' SE

51' 3" SE

48' 7" SE

50' 11" SE

47' 3" SE

50' to 43' SE

42' 6" SE

40' 9" SE

36' 7" SE

33' 8" SE

34' 9" E

27' 7" SE

25' 6" SE

37' 5" SE

38' 9" SE

22' 2" SE

17' 9" SE

14' 3" NE

10' 5" SE

13' 7" SE

13' 4" SE

7' 1" S

9' 3" SW

10' 11" NW

10' 7" SW

9' 9" SW

19' 5" SW

21' 6" SW

31' SW

35' SW

36' 10" SW

30' 4" SW

32' 7" SW

32' 8" SW

36' 11" SW

110' 6" NW ✓

40' 9" SW

116' NW ✓

44' 7" W

100' 4" NW ✓

21' 10" SW

Grid B Hits by measurement

Monument #2

8' N

19' 3" NE ✓

23' NE

26' 3" NE ✓

26' 1" E ✓

40' 2" E ✓

41' NE ✓

44' 2" E ✓

49' E ✓

51' 9" E ✓

55' 10" NE

59' 10" NE ✓

70' 9" E

70' 11" E

72' 1" E ✓

73' 8" E ✓

43' 5" - 46' 7" NE ✓

8' 4" NW ✓

12' NW

14' 6" NW

16' 1" N

21' NW

31' 5" W ✓

38' 5" W

40' 8" W ✓

43' 4" W ✓

32' - 49' NW ✓

40' 2" NE

36' NE ✓

32' NE ✓

18' 7" NE ✓

60' - 91' 8" NE ✓

44' - 83' NE ✓

44' 10" NE ✓

Monument #3

92' 2" SW

85' 3" SW

84' 10" SW

89' 4" S

91' 6" S

88' S

82' 5" S

89' 6" S

91' 4" S

85' 2" S

86' 5" SE

82' SE

94' 6" SE

97' 6" SE

95' 4" SE

94' 10" SE

77' 7" - 81' 5"

95' 5" SW

95' 1" SW

91' 3" SW

85' 5" SW

101' 3" SW

106' 1" SW

111' 4" SW

113' 10" SW

115' 2" SW

93' 111' SW

76' 8" S

75' 11" S

77' 1" S

81' 4" SW

48' - 86' SE

52' - 86' SE

67' 3" SE

34' 5" NE ✓	70' 6" SE
35' NE ✓	72' 3" S
43' 3" NE ✓	65' 7" S
40' 6" NE ✓	66' 3" S
31' 9" NE ✓	71' 10" S
40' 6" NE ✓	64' 7" S
27' NE ✓	73' 3" S
34' 8" NE ✓	65' 6" S
27' NE ✓	72' 10" SW
33' 2" NE ✓	67' SW
27' 9" NE ✓	72' SW
33' 8" NE ✓	66' SW
23' N ✓	77' 6" SW
29' 9" N ✓	72' 9" SW
23' - 37' NW ✓	75' - 88' SW
40' NW ✓	84' 6" SW
53' 9" NW ✓	98' 6" SW
56' 6" NW ✓	101' SW
55' 5" NW ✓	104' 9" SW
61' NW ✓	107' 6" SW
60' 7" NW ✓	111' 7" SW

Grid C has no hits by measurement
Whole grid is metal contaminated

Grid D hits by measurement

Monument # 7

1" - 14' W

~~17'~~ 17' SW

19' - 23' W

65' 10" S

Monument # 5

21' E

26' E

27' 4" E

33' 7" E

40' E

48' 6" E

42' - 48' E

54' - 63' 5" E

69' 6" E

8

86' - 98' W

98' W

103' - 108' W

141' 2" SW

Monument # 6

72' 6" SE

76' SE

79' 7" SE

90' 4" SE

85' 7" E

94' 4" E

80' - 87' E

95' - 105' E

107' E

74' 8" E ✓

73' 6" E ✓

73' 2" E ✓

52' 3" E ✓

42' - 46' E ✓

47' 4" E ✓

60' E ✓

63' E ✓

73' 3" E ✓

82' 4" E ✓

99' 7" E ✓

100' E ✓

111' 2" E ✓

122' 5" E ✓

124' 11" E ✓

Monument # 2

54' 6" NW ✓

55' 4" NW ✓

60' NW ✓

61' NW ✓

64' NW ✓

63' 6" NW ✓

68' 6" N ✓

75' 3" N ✓

78' NW ✓

70' 3" NW ✓

62' 4" NW ✓

68' 6" NW ✓

75' 7" NW ✓

78' 6" NW ✓

78' NW ✓

70' 6" NW ✓

65' NW ✓

73' NW ✓

79' NW ✓

72' NW ✓

107' 8" E

98' 4" E

92' 3" E

98' 10" SE

90' - 98' E

97' 11" E

106' E

113' 6" E

123' 3" SE

128' SE

145' 8" SE

153' 4" SE

157' 5" SE

168' 8" SE

171' SE

Monument # 3

67' 9" SW

60' SW

65' SW

62' 5" SW

61' 8" SW

60' 6" SW

57' 3" SW

57' 4" SW

66' SW

53' SW

54' 8" SW

51' 3" SW

48' SW

46' 8" SW

44' 4" SW

46' 8" SW

48' SW

42' 8" SW

41' SW

41' 5" SW

Grid E has no hits by measurement
the whole grid is contaminated by metal
pieces. Some more will be in points

Monument #5

28' 8" E ✓
 39' E ✓
 76' E ✓
 27' NE ✓
 29' NE ✓
 22' 6" NE ✓
 64' 9" NE ✓
 76' 4" NE ✓
 37'-42' NE ✓
 66' through Hump NE ✓
 60' NE ✓
 36'-45' NE ✓
 28' NE ✓
 33' N ✓
 61' 5" N ✓
 64'-67' E ✓
 80' 6" N ✓
 79' NE ✓
 84' NE ✓
 81' NE ✓
 69' 6" NE ✓
 83' 3" NE ✓

Monument #6

61' 10" S ✓
 66' 3" S ✓
 87' SE ✓
 51' S ✓
 51' 6" S ✓
 50' 6" S ✓
 56' SE ✓
 65' SE ✓
 36'-43' SE ✓
 40' through hump SE ✓
 27' SE ✓
 22'-31' SE ✓
 35' 9" SW ✓
 34' SW ✓
 23' 6" W ✓
 7'-10' NW ✓
 19' 3" NW ✓
 22' 9" E ✓
 28' 6" E ✓
 27' E ✓
 23' E ✓
 33' 10" E ✓

There are no hits by measurement
 because Grid G is totally contaminated
 with metal

There are no hits by measurement
 for Grid H. It too is totally trashed
 with metal

Annex E

ANNEX E

SITE SAFETY OFFICER (SSO) LOG BOOK

Site Safety
Log

Water Island
U.S. V.I.

Monday - 14 March 94

400 Personnel arriving St. Thomas, U.S.V.I and being transported to Emerald Beach Hotel. Check in and familiarization with area given by Mr. J Thomas, PM.

245 Final Team member arrived.

~~Tuesday - 15 March 94~~ ~~245~~

~~see Transported personnel~~ ~~245~~

Tuesday - 15 March 94

0800 Transported personnel to Water Island for site familiarization and AP setup.

0915 Arrived Water Island. P Gorske, D. Lindsay, J. Becker and E. King checked storage and office space.

1000 J. Bieraway, T. Hays, R. Stucker, G. Zimmerman, D. Ebersole, F. Clarke, T. Davis, T. Duffield, J. Johnson on Water Island for site walk.

1100 Departed Water Island for St. Thomas. While making site walk I did not notice any of the flora as described in the SHERP.

1230 Arrived St. Thomas and started lunch break.

1300 Personnel meeting at hotel. E King and P Gorske to pick up cellular phones, maps, and equipment.

1400 Returned to hotel. Unable to get phone and maps at this time. Did get 3 medical kits (25man). Personnel starting acclimatization training.

1600 Secured for the day

Wednesday - 16 March 1994

0800 Orientation classes and review of site workplan for MTA and Willie began.

1200 Lunch.

1230 Resumed orientation classes.

1700 Secured for the day

Thursday - 17 March 1994.

0800 Review work plan.

0930 Video document of site began.

1200 Completed documenting sites. Lunch

-ch

at St.
Duffield.
t
E. King,
city
training
city 69%

10 test

1 Cpt.
reaches.
lowing

-son,

11

4 TCU

2.15

rises

12

12

Mini Toxic Agent Briefing to MTA and Wiley personnel for list of personnel see training sheet for this date.

0845 E. King and C. Breckway taking local buses to Water Island for site walk.

1230 Returned to St. Thomas. Lunch

1300 With TEU for above briefing

1630 Secured for the day

Monday, 21 March 1994

0830 Following personnel went to the lab for their baseline blood test: J. Thomas, D. Becker, E. King, T. Hall, C. Breckway, R. Stauber and G. Zimmerman.

1030 Site Safety briefing given by E. King. See Daily Training Sheet for this day for names of personnel present. Temperature: 86°F

1105 T. Hall on site given Safety Briefing.

1200 Lunch

1230 Setting up weather station.

1545 Tm 2 to Area 5 to mag and flag

1610 Sr. Site Supervisor and site safety to Area 5 for sit visit.

1630 Back at CP.

1640 Weather station up and functional

1701 All Smeate escape masks were checked. All bottles in the green

1730 Secured for the day and departed the site

Tuesday, 22 March 1994

0830 Daily Site Safety Briefing given by E. King. See Daily Training Sheet for this date for names of personnel present. Weather: 83°F, Humidity 74% and winds calm.

0850 Team 2 at TAS, Team 1 at TA4-1 and Sr. Site Supervisor at TAS. Rollcheck made with all personnel and signs was okay.

0940 Motorola radio #444 given to Rob on chase boat for emergency evacuation.

1020 Work stoppage in TA4-1 because of barge off loading.

- 1230 Returned to work. Site PM will handle the large situation at TA4-1.
- 1235 J. Thomas, PM, visited TA4-1.
- 1250 J. Thomas, departed TA4-1.
- 1315 TELL on site.
- 1355 Sr. Site Supervisor and PM at Honeymoon Beach for town meeting.
- 1420 Sr. Site Supervisor at TA 6 to inspect site.
- 1730 Secured site and departed for the day.

Wednesday, 23 March 1994

- 0800 Following personnel to the lab for baseline blood test: D. Lindsey, F.L. Clarke, T. Davis, J. Johnson and T. Duffield.
- 0830 Following personnel to eye doctor for split lens test: D. Lindsey, F.L. Clarke, T. Davis, J. Johnson, T. Duffield, E. King, T. Hall, G. Zimmerman, R. Stucker and J. Thomas. Daily Site Safety briefing given by D. Decker. See daily training sheet for personnel present. Weather: 84°F, Humidity 61%.
- 1010 Barge off loading in TA4-1. Work stops.
- 1030 Barge leaves area. Work resumes.
- 1200 Lunch.
- 1230 TM1 returns to work. Personnel who went for eye test at marina awaiting transport to Water Island.
- 1300 Departed dock for Water Island.
- 1320 ATEP to meet with M. Robinson, US Army and Capt. E. Martinez, TELL. Discussed operations and procedures.
- 1420 Site Safety briefing given by E. King to the following personnel: D. Lindsey, F.L. Clarke, T. Davis, J. Johnson, T. Duffield, G. Zimmerman, T. Hall and R. Stucker.
- 1530 Reviewed documentation of training of the TELL personnel.
- 1600 Drayage taken for CK testing being provided by TELL. Action levels are .25 for TELL. SHERP provides for a .15 level. Will try to resolve Monday when COE RTH arrives.
- 1610 A gentleman claiming to be a representative of the hotel property questioned why our personnel was on his property. G. Zimmerman referred to J. Thomas, Project Manager.
- 1720 Secured site and departed for the day.

- 0845 Questions about Level "D" PPE Modified Level "D" authorized by M. Robinson, CCE Safety. Use of weedcut with 3 sided blade authorized without chips and face shield. Hard hats and safety glasses required. Guess still remains on who has to wear steel toe shoes and CCE sent us snake guards instead of chips.
- 1100 At TAS with Tm2 for site safety visit. T Du-field videotaping area
- 1120 Departed TAS
- 1200 Lunch
- 1230 With J. Thomas, PM and M. Robinson, CCE Safety to discuss SHERP
- 1350 At Terminal Tree Run with Tm1 for site safety visit.
- 1410 Departed for TAS.
- 1425 At TAS with Tm2 for site safety visit.
- 1450 Back at CP
- 1730 Secured site and departed for the day

Monday 28 March 1994.

"LATE ENTRY" Friday - 25 March 1994

- 1150 Departed Crown Bay Marina
- 1158 Arrived Water Island on chess boat
- 1220 Departed Water Island for Yacht Haven Basin. Vehicle departed Crown Bay Marina.
- 1232 Chess Boat arrived Yacht Haven Basin. It is less than five minutes from here to the hospital.
- 1248 The vehicle arrived at Yacht Haven Basin. It had optimum traffic to the Federal building.
- 1300 Secured for the day.
- "End of LATE ENTRY"
- 0830 Site Safety Briefing given by E. King. See Daily Training sheet this date for list of personnel present. Weather: 86°F, humidity 17%.
- 0915 Advised by Sr. Site Supervisor that CCE visitors were at TA4 and that he wanted them briefed to
- 0920 Site Safety and visitor briefing given to M. Robinson, CCE Safety, R. Williams, CCE-IA and A. O'Neil, CCE-Civil Engineer. M. J. Thomas was also briefed at

were made.

0945 K Williams, M Robinson and A. O'Neil at CP. During discussion we were advised we would not need the Porta-FID IL until we start working in TA4-inland.

1025 Temp 86°F , humidity 75%. Began heat stress monitor program.

1112 J. Thomas, K Williams and A. O'Neil to TA4 for site visit.

1118 E. King to sites for Safety/QC visits.

1123 At TA4 with TM 1.

1135 Departed TA4 for TA5.

1138 At TA5 with TM 2.

1140 K Williams, J. Thomas, A. O'Neil at TA4 for site visit. Departed at 1149.

1145 Site safety departed TA5 for CP.

1150 DOE reps at TA5 for site visit with J. Thomas.

1155 Site safety to dock to pick up ice, deionized water and lunches.

1200 DOE reps and J. Thomas at CP for lunch.

1250 Completed lunch run and dropping ice off with site teams. Per phone call with W. Galloway, CEHND, M. Robinson may enter the next site where operations are in progress as long as no intrusive work is being done.

1300 Lunch.

1330 Called from CP to have sampling crew and Sr. Site Supervisor to return and set up for sampling per M. Robinson. Question: why he is making operational decisions.

1340 Sr. Site Supervisor at CP. Decision made not to do sampling because of logistics involved.

1400 Sampling crew preparing equipment for tomorrow. D Lindsay, E. King, K. Williams, A. O'Neil, Upt. E Martine and M. Robinson discussing safety issues and operational control.

1530 Above personnel and J. Thomas discussed operations issues.

1640 K. Williams, A. C. Niel and M. Robinson departed the site at this time

1700 All personnel received numerous scratches T. Davis and T. Duffield have what appear to be sweat blisters D. Ebersole will check them again in the morning

1730 Secured area and departed for the day.

Tuesday - 29 March 1994

0824 K. Williams and A. C. Niel on site. Signed in and briefed by Site Safety.

0830 Daily safety briefing given by E. King. Per K. Williams COE-IH, a baseline pulse will be taken every morning then every two hours thereafter. Anyone who's pulse reaches 110 per minute is to rest in the shade until pulse returns to baseline. As Site Safety I disagree with her decision. I feel personnel are mature enough and experienced enough to implement a safe heatstress work/rest regimen. I lost the argument. T. Davis' and T. Duffield's blisters are gone. According to Tim leader there is not enough hard hats to go around to meet work requirements. Also questioned as to who was going to purchase the steel toed boots. Referred the above to the Sr. Site Supervisor for resolution. Temperature 83°F, humidity 82%.

0850 Assumed G.C. responsibilities for sampling operation.

1228 Sampling completed. Returning to CP

1330 Lunch

1400 Assumed G.C. responsibilities for sampling operation

1636 Sampling done for the day. K. Williams, A. C. Niel and M. Robinson departed for the day.

1730 Secured site and departed for the day.

Wednesday 30 March 1994

0730 TEU, D. Lindsay, E. King, D. Ebersole, D. Isacker, J. Therrell and K. Williams on site. Discussion posted changes to the SHEEP. K. Williams signed visitor log.

0800 Daily Safety Briefing given to TEU. See Daily Training Sheet for list of personnel present. Temperature 83°F, humidity 79% and wind 1102 MPH.

Personnel present.

- 0830 A. C. Niel, COE-CE, on site. Signed Visitors Log and was briefed. Sampling team departed for T18.
0900 Submitted field Change Request regarding helmets.
0930 Change accepted and posted to SHEEP. Teams notified.

1005 Assumed CRC responsibilities for sampling.

1345 Sampling completed.

1415 Lunch

1445 Assumed Site Safety responsibilities again.

1500 J. Thomas on site. Discussed today's operation. In T18 Told that if there is a change of the sampling team will be evacuated to the designated assembly area after being processed through the PDS. Stated that the SOA-XC Supervisor will direct the sampling team to proceed to the PDS for processing.

1630 K. Williams departed for the day.

1730 Site secured. A. C. Niel and rest of crew departed for the day.

Thursday, 31 March 1994

0810 K. Williams on site and signed into visitors log. Briefing given.

0820 Site Safety Briefing given by E. King. See Daily Training Sheet for list of personnel present.

0900 Range checks with teams completed. No problems noted.

1030 Safety visit to TAS

1050 Arrive TAS

1105 Depart TAS for CP.

1200 Lunch

1220 K. Williams, J. Thomas and M. Robinson depart the area.

1225 Received call from Site Supervisor that above personnel made an unannounced safety inspection of TAS.

1230 Returned to work.

1730 Secured area and departed for the day

- given briefing on the operation, being conducted.
Steam Grill, Tex replacement, on site. Records were
checked and he was briefed on operations.
- 0915 Site Safety briefing given by E. King. See Daily Training
Sheet for list of personnel present. weather: 88°F, humidity
69% and wind calm.
- 0900 Site Safety visit to TAS. Spot check of equipment okay
- 0910 Depart for TA-6 for site safety visit.
- 0920 Observed Cpt. Martinez briefing personnel on evacuation
route and assembly area.
- 0930 Returned to CP. Mr. Thomas on site talking to A. O'Neil.
- 0946 Back at CP Monitoring sampling on radio
- 1000 Notified by M. Robinson that M. CAN for a breakdown and
that they would call me later for Hot TAG
- 1130 J. Thomas on site checked him for Personnel Data
Sheet and Medical Data Sheet.
- 1245 Sampling completed
- 1300 Lunch.
- 1330 Talked with A. O'Neil on vehicle inspections. Motor vehicle
and launch will be done on a weekly basis. Heavy equipm
will be checked daily. Discussed with M. Robinson QA/QC
procedures for Tamarine Tree Bay, TAS and TAG
- 1518 Departed for TAS for site safety visit.
- 1530 Arrived at TAS. Informing D. Elberside that J. Johnson
may have a pinched nerve in his neck and hand. Had team lead
remove him from weed eater operations until further notice.
- 1545 Departed TAS for TAG.
- 1547 Arrived TAG. No problems noted.
- 1610 Safety visit completed and back at CP. D. Elberside requests
wrist and back braces for personnel. Told him I would bring
it up with the Jr. Site Supervisor next PM.
- 1730 In a shower and departed for the day.

Tuesday, 5 April 1994

- 0800 J. Johnson's hand still bothering him. Told J. Johnson
and D. Elberside he was not to use the weed eater until
his condition improved.
- 0830 Site Safety briefing given by E. King. See Daily Training

- 1430 Class on chainsaw and weedwacker - new guy. See Training Form for personnel present.
- 1600 Returned from Tanagerit Tree Bay. Site map needs to be redone before GA.
- 1200 Lunch
- 1230 Returned to work
- 1245 To TAS for GC or sampling. Advised by D Lindsay that dock repairs will be completed by Friday.
- 1300 88°F, 75% humidity.
- 1305 At TAS to GC sampling operations.
- 1400 Work stoppage in TA4 due to barge off loading.
- 1400 Barge departed, work resumed. 89°F, 73% humidity
- 1400 Work stoppage in TA4 due to barge off loading.
- 1525 Barge departed, work resumed. 90°F, 60% humidity.
- 1600 TA4 GC or TAE completed. Turned over to A. Hansen, GC Safety.
- 1600 Site Supervisor and Site Safety had personnel secure areas due to increased heat. Personnel at GP to do maintenance on equipment.
- 1730 Secured area and departed for the day.

Wednesday, 6 April 1994

- 0730 Sam C. Eberhart signed in to visitors log and briefed.
- 0830 Site Safety Briefing given by E King. The Training Training Sheet for site personnel present. Temperature 86°F and 71% humidity.
- 0913 Pacific checks made with TM1 and TM2. No problems noted.
- 0952 Assumed GC responsibilities for sampling.
- 1000 91°F, 65% humidity
- 1100 87°F, 74% humidity
- 1200 88°F, 74% humidity
- 1210 Sampling completed. Returned to site safety, doctors
- 1230 Lunch
- 1300 Back to work
- 1320 84°F, 83% humidity At TA4 for site safety visit.
- 1340 Assumed GC responsibilities for sampling.
- 1400 80°F and 71% humidity

closed in the morning and would reopen no later than 1300 hrs. Mr. Penas will notify the island residents. Mr. A. C'Niel notified at this time.

1551 Sampling operations completed for the day. Resumed site safety duties. ~~Gone to night duty due to excessive ^{heat} ~~heat~~~~

1730 Site Secured and departed for the day.

Thursday - 7 April 1994

0830 Site Safety briefing given by E. King. See Daily Training Sheet for list of personnel present.

Weather: ~~84~~⁸⁵ 90°F, 70% humidity.

0847 Radio check with TM 2.

0915 M. Robinson and A. C'Niel at TAA.

1006 Sampling started

1054 M. Robinson departing TAA for TAA5. A. C'Niel returns to CP.

1209 Secured sampling operations due to heavy rains

1230 Lunch

1300 Talking with Sr. Site Supervisor about the weather.

1315 Site Safety, Sr. Site Supervisor and OCE Safety leave to check site conditions. TELL advised us they would not be able to sample because of the rainy conditions. Unable to clear brush because of heavy rains and slippery conditions. Had all personnel move to the CP to do maintenance on all equipment.

1406 M. Robinson, OCE safety departed for the day.

1730 Secured area and departed for the day

Monday - 11 April 1994

0840 Site Safety briefing given by E. King. See Daily Training Sheet for list of personnel present. Lt. Kenneth Brooks, TELL, on site. He will be Cpt E. Martinez's replacement. Reviewed his records and all were in order.

0904 Radio check made with TM 1 and TM 2. TM 2 clear with static in background. Temperature gauge on weather station inoperable at this time. Teams have individual thermometers for their sites.

1200 Lunch

1230 back to work

1300 with brush clearing crew at the Thompson Bay
fenced area. Stated a large pile of brush in
Told F.L. Clarke I could verify Sr Site supervisors.
1310 Arrived Site TA 4-1 for site safety visit. Team
requested another order (told them it was on
order), another medical ketone blood urine
pathogen mouth piece.

1320 Arrived TA 5 for safety visit. Sampling in pro-
gress.

~~1345~~ Heavy rain started.

1352 TEU ceased operations due to weather.

1420 Arrived back at CP.

515 J. Thomas called D. Lindsay to advise J. Johnson
return to St. Thomas. J. Johnson is currently
in doctor's office for medical exam.

533 J. Johnson enroute to St. Thomas for doctor's appoint-
ment with Dr. S.L. Alla, MD.

1630 M. Robinson departing for the day.

1730 Secured area and Departed for the day.

Tuesday 12 April 94

0830 Site safety briefing given by E. King. See Daily Training
sheet for list of personnel present. Run out of demon-
stration of Training sheet. During this period and all
pertinent information present. Weather: 82°F, 65%
humidity, wind variable at 14 MPH.

0855 Notice change made with Team 1. No problems noted.
Weather station back on line. Readings of 0830
are still considered valid.

0905 Notice change made with brush clearing team. No problems
noted.

0915 Notice change made with Team 2. No problems noted.

0952 Commenced sampling on TA 5.

1047 Per conversation with M. Robinson, Sr. Safety and
D. J. Thang the incident with J. Johnson's hand is
non-reportable.

1200 Lunch

1230 Return to work.

1300 Commenced sampling on TA 4 and TA 5.

1300 With team L in TA4-1. Observed operations and asked questions. No problems noted.

1310 Departed for TAS.

1312 Arrived TAS and observed Team 2 and asked questions. No problems noted.

1330 Back at 2P to make calls for two more bias on a Pirm-12D.

1400 Told M. Robinson that I gave R. Stancher his eight hour refresher. He questioned whether we cleared this through K. Williams in Huntsville. Told him I had not. I was under the impression per J. Thomas and him that it was okay for me to give the refresher. He said he thought it was okay but also told J. Thomas it had to be cleared by K. Williams. CE-TH.

1440 J. Johnson has orthopedic appointment with Dr. Henry 14 April 1994.

1646 Steve Harris reported having a pain shooting up his arm while using the weedster. He was immediately removed from weedstering operations. This happened at 1520 Matthew St. Luce complained of lower back pain while operating the Forklift. Removed from Forklift operations at 1520.

1700 Steve Harris claims no arm is damaged. Thought he may have had a heat cramp. Matthew St. Luce says his back is still a little sore. Will check with him in the morning. Sr Site Supervisor to advise personnel to rotate equipment operation on a regular basis. Will be emphasized in the safety briefing.

1730 Secured area and departed for the day.
Wednesday - 13 April 1994

0830 Daily safety briefing given by E. King. See Daily Training sheet for list of personnel present. Reemphasized rotation of equipment operation.

0930 Matthew St. Luce still has sore back. Not as bad as yesterday.

1000 Safety visit to brush clearing crew at this time.

1110 Departed TAS for CP.
1120 At CP to work on overlays.
1300 Lunch.

1330 Returned to work. Doing QC of site maps.

1730 Secured area and departed for the day.

Thursday - 14 April 1994

0830 Site safety Briefing given by E. King. Personnel present were: D. Becker, G. Zimmerman, T. Hall, G. Broadway, R. Stauber, K. Thomas, P. Williams, M. St Luce, L. Reynolds, T. Nord, C.C. Cook, D. Penhollow, K. Brooks, S. Gill, M. Brooks, J. Lowery, D. Lindsey, T. Davis, D. Ebersole, J. Johnson, T. Duffield and F.L. Clarke. We at the clinic to redo their blood test.

0855 Safety brief given to D. Lindsey, T. Davis, D. Ebersole, and T. Duffield and F.L. Clarke. We on site and were given a safety briefing. J. Johnson to doctors appointment with Dr. Henry.

0900 A.C. Nici and M. Robinson, CCE reps on site and were given the site safety briefing. Doing QC of site maps.

0915 Departed CP for TM2 in TAS.

0925 At TAS for site safety and QC of sampling operation.

1036 Departing TAS for FB-2.

0943 At FB-2 to do safety check. D. Becker checked myself, D. Lindsey and M. Robinson in area where no claims bombs and mortars were placed in a trench at the end of the San Jose Project.

124 Departed FB-2 for CP. T. Duffield at site to video tape suspect area.

1230 Lunch.

1300 Returned to house watching on maps.

1405 Matthew St Luce was reported as having chest pains. Asked him how he was feeling and said he still hurt. Requested that TEU let David M. Penhollow take a look at him. D.M. Penhollow is a registered EMT.

1423 PM & Sr UXC has requested that M. St Luce be

- 1447 M. St. Luce and PM transferred to chase boat and transported to Crown Bay Marina and then ground transported to hospital.
- 1502 Site safety back from Tamarua Tree Bay and further briefed on above incident was advise that the dump truck may have been involved in the incident while personnel were doing maintenance. Advise personnel to secure vehicle until I came down and interviewed personnel and took pictures.
- 1545 Departed for FB2 to take pictures of the dump
- 1555 At FB2 to take pictures of vehicle and talk to D. Becker and personnel involved. Awaiting word from PM on M. St. Luce's condition. Determined initially, injury was caused by insufficient knowledge of equipment and poor lifting technique.
- 1700 Received word from the PM that M. St. Luce was okay and that he would get me the medical report when it becomes available.
- 1730 Secured Site and departed for the day
18 April 1994 - Monday
- 0750 Daily Safety Briefing given to TEU personnel. See Daily Training Sheet for list of personnel present. Weather: 83°F, 70% humidity.
- 0828 Daily Safety Briefing given to TEU personnel. See Training Sheet for list of personnel present. Discuss proper lifting procedures and familiarization of equipment before working on it.
- 0831 J. Johnson stopped wearing his wrist brace due to causing him more discomfort than working without it. M. St. Luce to work at CP until he receives medical clearance from Majestic.
- 0906 Working on accident/incident report at this time.
- 1105 Warehouse area of Flamingo Bay declared a hard hat area by OEHSD - Safety, M. Robinson.
- 1200 Lunch
- 1230 Back to work
- 1257 T. T. A. to ... Day and ...

this time.

1320 At TAS with PM and visitors from Majestic Construction (A. Mastromarce and C. Elcock). Took pictures at entrance to TA4 and large trash pile in TAS.

1400 P.M. and both visitors departed Water Island. Received copy of release to work from J. Thomas project Manager for M. St Luce. Release was signed by Dr. Barnett, M.D.

1405 Assuming QC duties.

1616 Porta Potti man here to clean Porta Johns.

1645 Porta Potti man left

Secured area and departed for the day

Tuesday - 19 April 1994

0745 Daily Safety Briefing given to Team 1 by J. Thomas. See daily Training sheet for list of personnel present. Weather: 82°F, 70% humidity, winds 2 mph

0829 Daily Safety Briefing given to MTA personnel by E. King. See daily Training sheet for list of personnel present. Accident report on M. St Luce signed by J. Thomas, P.M. for MTA. Accident report turned over to M. Robinson, CEHHS - Safety.

0925 Arrived to F3C to inspect vehicle brought on island for project use.

1004 At F3B2 with Team 2. No problems noted. Inspecting vehicle brought on island for use.

1015 Completed inspection on Ford F350 and found it acceptable. Departing for TAS

1020 At TAS with Team 2. No problems noted. Was questioned by Les Clarke about truck status

1050 Departed TAS for C.P.

1055 Arrived at C.P. Assumed QC duties and worked on site maps.

1200 Lunch

1230 Back to work

1350 To F3B1, monitoring sample as QC

1510 Back at C.P.

1620 M. St Luce arrived at TAS

0745 Site safety briefing given by E. King. See Daily Training Sheet for list of personnel present.
0815 Site safety briefing given by E. King. See Daily Training Sheet for list of personnel present.
M. Moran on site, replacing J. Thomas as Project Manager. Given in briefing sheet is now reading Sheet. Will bring in requested forms tomorrow.

0912 Site Safety briefing given to K. Brooks.

¹¹²⁶
¹²³⁰ Site Safety briefing given to P. Williams
~~at 1200~~ Lunch

1300 Back to work.

1415 Safety visit to FIB2

1523 Arrive CP. Talk with P71 on physical requirements and tests for personnel.
Leave CP at 1600.

1530 At CP receiving maps.

1730 Secured area and departed for the day.

Thursday - 21 April 1994

0745 Site safety briefing given by E. King. See daily training sheet for list of personnel present.
M. Moran, PM on site. Received training and merchandise. Saw and met some of the staff. Handled a meeting sheet at this time.

1016 Departed CP for site safety and G.C. visit to FIB2.

1020 Ht FIB2 for safety/G.C. visit.

1050 Departing FIB2 for TA 4-1. No problems encountered at FIB2.

1051 At TA 4-1 for G.C.

1200 Lunch

1230 Still doing G.C.

1405 SSC at FIB2 for site safety visit.

1415 Departing FIB2 for CP. No problems encountered.

1420 Arrive CP for talk with P71 on physical requirements and tests for personnel.

1730 Secured site and departed for the day.

Monday - 25 April 1994

0823 Daily Safety Briefing given by E. King. See Daily

1720 SSC at FBI, 1730 did CP work
1755 Inspected TAS for additional trash none found.
1815 SSC enroute to CP
1820 SSC at CP.
1820 Lunch.

1830 SSC returned to work.

1840 D Becker to FBI to have R. Blumberg, A. P. Jones, M. St. Lucia and W. Reynolds sign Daily Site Safety Briefing. D. Becker to give site safety briefing to above personnel.

1850 SSC to FBI for site safety check

1910 SSC at FIS 2

1915 SSC departed for CP. Discussed safety concerns with the T-2 leader. No further problems.

1920 SSC at CP

1930 Becker and I did work before leaving for the day.

Tuesday, 26 April 1994

0745 D. Lindsey to also assume duties as SSC for the day. E. King doing G.C. on new equipment and assist PHC with reviewing local rental contracts.

1730 Secured for the day.

Wednesday, 27 April 1994

0730 Daily safety briefing given by E. King. The following personnel were present: E. King, D. Lindsey, J. Johnson, T. DeFries, R. Stander, T. Hall, P. Thomas, P. Williams.

0845 Meeting to prepare for the day. Personnel present were: G. Zimmerman, C. Brooker, J. Johnson, T. DeFries, R. Stander, T. Hall, P. Thomas, P. Williams.

0905 Issued half face respirator to M. St. Lucia.

0930 E. King, M. Maran, D. Becker to TAA-1 and TA 6 to survey monuments per WC requirements.

1730 Secured for the day and departed the site.

Thursday, 28 April 1994

0800 Daily safety briefing given by D. Lindsey, E. King and M. Maran. 1 PM to TAS and TA 6 to survey monuments for G.C.

1552 SSC back at CP to review maps and compare notes.

Monday, 2 May 1994

0815 Daily safety briefing given by E. King. See daily training sheet.

0800 Started QC operations to verify TAs and to verify samples in

FB2 and FB 3.

1204 Site safety visit at FB2. No discrepancies noted.

1218 SSO at CP.

1225 Lunch.

1255 Returned to QC of maps and to look at TA 4-2.

1441 Returned to CP to assume SSO duties.

1730 Secured area and departed for the day.

Tuesday, 3 May 1994

0815 Daily safety briefing given by E. King. See daily training sheet for list of personnel present. Weather: 85°F, 75% humidity, wind SSW 4 MPH

1027 K. Williams, C. Dunstree, M. Robinson, R. Bridges, A. O'Neill, R. Fitzpatrick on site. Given a visitors site safety briefing by E. King at 1045.

1030 Sr UXO at FB2 talking to K. Thomas. K. Thomas claims dust in the area is irritating his eyes. He also has been wearing his safety goggles.

1113 At FB2 for site safety and QC visit. Looked at K. Thomas' eyes. His right corner is inflamed and appears to have an ulceration (blister). Talked to Sr UXO and PM and will make arrangements for him to see Dr. Beaz at the medical clinic.

1140 Talked to Geizelle at Dr. Beaz's office. She requests that we flush the eye and cover it with cotton and tape it shut. Appointment was made for 1:00 PM.

1200 R. Stauber, C. Broadway and K. Thomas departed for medical clinic.

1206 SSO back at CP.

1206 Lunch.

1236 Resumed work.

1324 Received call from R. Stauber advising us that K. Thomas will be out of work for two days. Advised Sr UXO and PM of this. Had K. Thomas on limited duty per PM.

1730 Secured area and departed for the day.

Wednesday, 4 May 1994

0835 Daily safety briefing given by E. King. Emphasis placed on reporting work related injuries when.

present. Correction: K. Thomas on site.

0902 G.C. ops

1200 Lunch

1230 G.C. ops

1730 Secured area and departed for the day.

Thursday, 5 May 1994

0830 Daily safety briefing given by E. King. See daily training sheet for list of personnel present.

Doing G.C. of maps

1042 To FB2 to sign in visitors

1048 At FB2, Sr. MXO already gave personnel their safety briefing. Signed in R. Bridger, R. Bunn, R. Fitzpatrick, J. Auer and W. Conter. Visitors being escorted by Sr. MXO.

1100 W. Holtmeyer, SOE, on site signed into visitors log and given briefing by SSC.

1107 At TAS with W. Holtmeyer. Turned over to Sr. MXO.

1117 Departed for CP

1124 Arrived CP

1200 Lunch

1230 Returned to G.C. site maps

1730 Secured area and departed for the day.

Monday, 9 May 1994

0830 Daily safety briefing given by E. King. See daily training sheet for list of personnel present.

0845 R. Stauber re-injured ankle (sprain) walking up the hill. Initial injury was net work related.

0950 SSC at TAS to show personnel how to operate the Porta-PIA. Instrument calibrated by E. King prior to putting it in use.

1030 Back at CP

1200 Lunch.

1230 Back to work.

1315 Site Safety and G.C. visit at TA4-2

1318 Arrived TA4-2

1331 D. ... TA4-2 ... problems noted.

1500 QC work for TA4-2.

1730 Secured area and Departed for the day

Tuesday, 10 May 1994

0730 M Robinson, M. Moran and E. King to inspect crane for rent

0856 On site at this time

0905 M Robinson, E. King and M. Moran at CP. At 0825 SNUXO conducted safety briefing for SSO.

1000 Discussed QA/QC of FB1, FB2, FB3, TA6, TAS and TA4-1 with M. Robinson. Said he would not be able to do it at this time.

~~10021056~~ SSO to TA4-2 to photograph area per QC and to make safety visit.

~~10031100~~ SSO at TA4-2.

~~10031120~~ SSO back at CP

1100 SSO back at TA4-2

1123 SSO back at CP.

1200 Lunch

1230 Working on QC back.

1545 SSO and CCC safety to FB2 for QC decisions.

1640 SSO back at CP to work on logs.

1730 Secured area and departed for the day.

Wednesday, 11 May 1994

0830 Daily site safety briefing given by E. King. See daily training sheet for list of personnel present.

~~J. Johnson sick in quarters~~ ^{il} Erroneously entered. ~~SK~~

0839 SSO calibrated NORTA-FID, PI 101 and monitoring started.

1034 SSO to FB2 for QC and to photograph the AN/MT9 on the beach.

1044 SSO doing site safety and QC visit.

1058 SSO back at CP working on out processing physicals.

1300 Site temperatures are 112.1 in the sun and 97.4 in the shade.

1230 Lunch

1300 Working on QC.

1352 Lt Col Stephen L. Benton, DDE for the Antilles on site.

1506 SSC to TA4-2 to take photographs of leaking drum in TA4-2. Will also set up procedure with SUXO to contain any possible ground contamination. Will also do a PCB check on the drum.

1543 Returning to C.P.

1549 Leaking 55 gallon drum was checked with the Densit Chlor-D-Test 1000 Test Kit. Reading was in the purple range indicating less than 1000 PPM. Plastic sheeting was laid down and barrel was upended onto the plastic to stop the leaking. Personnel will observe the site to ensure there is no more leaking. Barrel needs to be overpacked and marked as unknown liquid.

1600 SUXO at TA4-2 and had barrel further encased in 6mil bag provided by TEL. Making calls on over pack barrels.

1730 Secured area and departed for the day.

Thursday, 12 May 1994

0900 PID, PI 101 calibrated by SSC and monitoring started. Daily site safety briefing given by SSC. Special attention given to handling leaks and spills encountered. See daily training log for list of personnel present.

0930 Checking on overpack requirements. Shipping and disposal/storage areas. T. Hall returned from blood test for out processing physical.

1200 Lunch.

1230 Doing GC.

1331 SSC to TA4-2 for site safety and C.C. visit

1354 SSC back at C.P.

1500 M. Moran, E. King and A. O'Neill to inspect crane.

1630 Contractor failed to show.

1730 Secured for the day.

Monday, 16 May 1994

0845 Daily Safety briefing given by E. King. Special emphasis given to lifting and working around heavy machinery.

R. Stankus and G. Zimmerman. Porta-PID, PI 101a by D. Becker and monitoring started.

Late entry: Sunday 15 May 94

1031: Safety briefing given to subcontract pers

See daily training sheet for list of personnel

1125 G. Zimmerman requested SUXC talk to A.C. New coming around TA4-2 unescorted. Personnel worried about him being injured because of equipment traffic and personnel not being aware that he is in the area.

1520 G. Zimmerman reported to SUXC that they have uncovered a pile of discarded batteries on the end of TA4-2. SSC to site to take pictures

Tuesday, 17 May 1994

0815 Daily safety briefing given by E. King. Special emphasis given to personnel being aware of location of the eyewash station and emergency point. Also discussed civilian morning flights found in TA4-2.

1417 SSC to TA4-2 for Safety/QC visit and to take pictures. No problems noted.

1511 SSC at CP.

1130 Secured area and departed for the day

Wednesday, 18 May 1994

0800 Daily Safety Briefing given by E. King. See Training Log for list of personnel present. F.L. and M. Moran to Lab for bloodwork.

0805 Porta-PID calibrated and put in service by D. B.

0810 T. Davis found (3) batteries in the trash bins TA4-1

0949 M. Moran, K. Thomas and F.L. Clarke back on site. Briefing given by E. King.

1045 SSC at TA4 area for safety/QC of site, also to more photographs.

1122 SSC back at CP. No problems noted.

1200 Lunch.

1230 Back to doing QC work. Training Log for work and discussion of results.

1650 SSC Back at CP.

1730 Secured area and departed for the day.

Thursday, 19 May 1994

0750 Daily safety briefing given by E. King See daily training sheet for list of personnel present.

Temperature 74°F, RH 82%, winds calm

0815 Radio checks made with Teams 1 and 2, G Zimmerman and T. Davis. Working on odds and ends and a source to check for frozen in refrigerators.

1055 SSC to TA4-1 to GC containers, everything okay.

1110 SSC back at CP

1124 SSC to GC FB2 (taking magnetic readings). Check for QA.

1136 Back at CP.

1332 Radio delay at this time

1342 John stopped coming to work.

1405 Extract on board. Doing GC ops at this time

1530 Safety and GC visit in TA4. No problems noted.

1622 SSC back at CP. Sens 4 to 5 ft. Personnel to Ferrydeck.

1730 Secured area and departed for the day.

Monday, 22 May 1994

0735 Daily safety briefing given by E. King See daily Training Log for list of personnel present.

0902 SSC to TA4 for safety visit

0922 SSC back at CP. Doing the GC - run

1200 Lunch

1230 Back to the GC book

1430 Safety/GC visit to TA4. No problems noted. D. E. dersale says he will need another 55 gallon container for oil.

1520 Back at CP to make appointments for blood tests for 3 personnel Thursday afternoon.

1530 SSC to TA4 area for site safety visit. No problems

1537 SSC to CP to drop off A. C. Wall, GC

1556 SSC back to TA4 to pick up tools

1622 SSC back at CP

1730 Secured area and departed for the day.

15 May 1994

Training sheet for list of personnel present.

0838. PID - PI 101 calibrated by E. King. Equipment ready for monitoring.

0902. SSO to TA4 area to drop cellular phone off and do Safety/QC visit.

0922. SSO back at CP. Manning phones and reviewing maps for QA/QC.

1200. Lunch

1230. Back to work. Discussed tomorrow's QA/QC operation with M. Robinson. Unable to QA/QC today due to dead battery on transit.

1430. SSO to TA4 area for Safety/QC visit. Took photographs of area. No problems noted.

1520. Back at CP for phone watch.

1730. Secured area and departed for the day.

~~Monday~~ Tuesday, 24 May 1994

0735. Daily safety briefing given by E. King. See Daily Train Training sheet for list of personnel present.

0838. PID - PI 101 calibrated by E. King. Equipment ready for monitoring.

0900. E. King and M. Robinson discussed QA/QC procedures again.

1025. E. King and M. Robinson departed for FB2 to QA/QC.

1034. E. King and M. Robinson at FB2 to QA/QC.

1100. Completed QA/QC of sample points in FB2. Going to FB1 to QA/QC.

1110. Completed QA/QC of sample points in FB1. Going to FB3.

1130. QA/QC completed on FB1, FB2 and FB3. M. Robinson accepts areas for COE. Minor adjustments will be made on maps.

1135. M. Robinson and E. King on safety visit to TA4-2. COE rep. satisfied with operations.

1146. Departed TA4-2 for TAS.

1205. Back at CP. Unable to complete QA/QC of TAS at this time. Lunch.

1335. Back to correction of maps. Cleared TA6 for QA/QC turned over to COE.

1730. Departed for the day.

Sheet for list of personnel present.

0836 PID-PI 101 calibrated by E. King. Equipment ready to monitor.

0840 Updating logbooks and maps. Doing QC work to day.

1200 Lunch.

1230 Manning CP and doing QC work (logbook) (sampling).

1730 Secured area and departed for the day.

Thursday, 26 May 1994.

0739 Daily safety briefing given by D. Lindsey. See Daily Training sheet for list of personnel present.

E. King with J. Thomas reference additional doctor for physicals.

0915 SSO back at Water Island. Will continue QA/QC remaining areas with M. Robinson, COE.

1200 Lunch.

1230 Back to QC in TA 4-2.

1347 Safety visit in conjunction with QC.

1432 Back at CP to update logs.

1450 QC map for TA 4-2.

1730 Secured area and departed for the day.

Tuesday, 31 May 1994

0745 Daily safety briefing given by E. King. See Daily Training sheet for list of personnel present. Working QC operations at this time.

1033 SSO to deep water dock to sign in visitor.

1038 Mr. Oscar L. Bohena signed in to visitor log and given safety briefing. At TA 4-2 to view drums and batteries and estimate cost for removal. P.M. will escort the visitor while I do a safety/QC visit.

1110 Visitor departed island at this time.

1115 SSO back at CP. No problems noted.

1200 Lunch.

1230 Back to QC operations.

1615 Suxo and SSO discussed tomorrow's burn operation with all personnel. Team assignments and responsibilities.

1130 Secured area and departed for the day

Wednesday, 1 June 1994

0750 Site Safety briefing given by E. King. See Daily Training Sheet for list of personnel present. Will cover CP for brush burning operation.

0948 Brush burning in 20 cu yd container started

1028 Safety departs for TA4-1.

1036 Safety/QC visit at TA4-1. Took photographs of operation.

1105 Back at CP. No problems noted. COE is happy. Resuming CP duties.

1200 Lunch

1230 Back to work

1242 To TA4-1 for Safety/QC visit. No problems noted.

1605 Enroute to CP to assume QC duties.

1730 Secured area and departed for the day.

Thursday, 2 June 1994

0755 Daily Safety Briefing given by E. King. See Daily Training Sheet for list of personnel present.

Weather: 86°F, RH 77%

ANNEX F

CONTRACTOR'S SCOPE OF WORK (SOW)

SCOPE OF WORK
SITE CHARACTERIZATION AND DEBRIS REMOVAL
FORMER FORT SEGARRA, U.S.V.I.
23 March 1993

1.0 BACKGROUND AND GENERAL STATEMENT OF WORK: The work required under this Scope of Work (SOW) falls under the Defense Environmental Restoration Program (DERP). Explosive ordnance contamination by past Department of Defense (DOD) activities exists on property that was formerly owned by DOD.

1.1 Ordnance and Explosive Waste (OEW) is a safety hazard and constitutes an imminent and substantial endangerment to site personnel and the local populace. During this site characterization, it is the Government's intent that the contractor should not encounter OEW but will be prepared to deal with OEW if found.

1.2 This site is a suspected Chemical Warfare Materiel (CWM) site. If the contractor encounters suspected Chemical Surety Materiel (CSM) during work, the contractor will withdraw from the immediate work area and notify the on-site Corps of Engineers, Huntsville Division (CEHND) coordinator who will in turn contact the Technical Escort Unit (TEU). The contractor shall be responsible for the security of the item until relieved by military authority. Once the CSM item is recovered by the military, the contractor shall be directed to continue characterization operation, suspend operations until further notice, or begin demobilization dependent upon the direction of the CEHND on-site coordinator.

1.3 GENERAL DESCRIPTION.

1.3.1 The U.S. Army Chemical Corps moved its San Jose Project (tropical test site) from the Island of San Jose, Panama to St. Thomas, U.S.V.I., in 1948 and occupied the facilities there until 1950 when operations were moved to Dugway Proving Ground, UT. Chemical testing was accomplished at Water Island, U.S.V.I.

1.3.1.1 Test areas were located on Water Island. Water Island was also the site of the Toxic Storage Yard.

1.3.1.2 During construction excavation in 1966 on Water Island, two or more bombs identified as M70 and M78 were unearthed. Standard M70 is filled with H and the standard M78 can be filled with either Phosgene (CG), Cyanogen Chloride (CK), or Hydrogen Cyanide (AC). Supposedly, the recovered bombs were vented with no release of agent. Eye witness accounts and military records differ. The bombs may have been empty.

1.3.1.3 Water Island consists of approximately 500

acres. It is owned by the U.S. Interior Department and leased to Water Island, Inc. Water Island has been further subleased to individuals who have built homes and improved the property.

1.3.2 The following ammunition items have been involved in tests conducted at Fort Segarra:

125 lb. Chemical Bombs filled with H, HD, or GA
4.2" Mortars, filled with GA or GB
Bomb, particulate, 4 lb., m E1.
CK Bombs and Ton containers
M70 Bombs filled with HD or GA
M33A1 Spray Tank filled with GA
E45 Chemical Bomb filled with GA
E23 smoke pot, filled with GA, GB, HD, HT, HN3, and HQ.
German DC 250 III Gr Bombs filled with GA.

Records indicate that E46 Bombs (modified 115 lb. M70) GA or GB filled and E52 Bombs (modified T3E1 125 lb.) GA or GB filled were removed from St. Thomas when the San Jose Project moved.

* * 1.3.3 The areas included in this SOW are numbered test areas 1 thru 8. In addition, a scrape yard with hurricane debris which borders and includes part of test areas 4 and 5 is the location the bombs were reported to have been dug up in 1966. This area has recently been fenced by CEHND and will be considered as Operable Unit (OU) 1 under this SOW. Also, the southern end of Tamerind Tree Bay may have been used for disposal of solid waste during DOD possession. *

1.4 DEFINITIONS.

1.4.1 Unexploded explosive ordnance (UXO): An item of explosive ordnance which has failed to function as designed or has been abandoned or discarded and is still capable of functioning, causing damage to personnel or materiel. UXO constitutes an imminent and substantial endangerment to site personnel and the local populace.

1.4.2 UXO Specialist: A graduate of the U.S. Naval Explosive Ordnance Disposal (EOD) School, Indian Head, MD, with a minimum of 3 years active duty military EOD experience, employed by the contractor.

1.4.3 EOD Specialist: Active duty military qualified graduate of the U.S. Naval Explosive Ordnance Disposal (EOD) School currently serving in a TOE or TDA EOD position.

1.4.4 Chemical Surety Material (CSM): Chemical agents and their associated weapon systems, or storage and shipping containers that are either adopted or being considered for military use. CSM is categorized as follows:

1.4.4.1 Category I: Bulk nerve agents stored in 1-ton containers, neat rounds (nerve and non-nerve), mines, rockets, and bombs, less those items described in categories II, IV, and V, below.

1.4.4.2 Category II: CSM in an approved demilitarization program or recovered from Army installations or the civilian community.

1.4.4.3 Category III: Binary munitions or intermediates with both components uploaded, located together, or mixed.

1.4.4.4 Category IV: Bulk non-nerve agents stored in 1-ton containers, except that approved for demilitarization, or RDTE, surveillance or training.

1.4.4.5 Category V: CSM used for authorized RDTE projects, specific surveillance programs, intelligence evaluation or scheduled training programs.

1.4.4.5.1 Category Va: Quantities greater than exempt research, development, test and evaluation (RDTE) dilute solutions but less than or equal to the equivalent of one milliliter (or one gram for solids) of neat chemical agent.

1.4.4.5.2 Category Vb: Quantities greater than one milliliter but less than or equal to one liter of neat chemical agent.

1.4.4.5.3 Category Vc: Quantities greater than one liter of neat chemical agent.

1.4.4.6 Category VI: Industrial chemicals (chlorine, hydrogen and potassium cyanide, carbonyl chloride, cyanogen chloride, chloropicrin) contained in items configured as a weapon.

1.4.5 Chemical Agent: A chemical substance that is intended for use in military operations to kill, seriously injure, or incapacitate a person through its physiological properties. Excluded from consideration are riot control agents, chemical herbicides, smoke, and flame.

1.4.6 Chemical Surety: Those controls, procedures, and actions which contribute to the safety, security, and reliability of CSM, and to the assurance that there will be no chemical events.

* * 2.0 OBJECTIVE: Execute all necessary plans that were prepared

under Delivery Order 1 of this contract as specified in the Tasks listed below. No additional plans have been added. Contractor shall not start any field work until plans have been approved. Assist in conducting public meetings. Perform Hazardous and Toxic Waste (HTW) sampling and movement of non-DOD debris. Perform soil sampling. Clear vegetation from the work site. Perform geophysical mapping of underground anomalies. Perform Quality Control. Prepare and submit reports. * *

3.0 DESCRIPTION OF SERVICES.

3.1 (TASK 1) SITE SPECIFIC, WORK PLAN/SAFETY, HEALTH, AND EMERGENCY RESPONSE PLAN/CHEMICAL DATA ACQUISITION PLAN AND ADDITIONAL PLANS. The contractor shall obtain Government approval of the Site Specific Work Plan (SSWP), which includes a Safety, Health, and Emergency Response Plan (SHERP), and a Chemical Data Acquisition Plan (CDAP) developed in Delivery Order #1 of this contract. Additional plans developed in Delivery Order #1 which must be approved include the Property Equipment Plan (PEP), Work Data and Cost Management Plan (WDCMP), Quality Control Plan (QCP), and the Site Specific Environmental Protection Plan (SSEPP). All plans must be approved prior to beginning any field work at the site.

3.2 (TASK 2) PUBLIC MEETING.

3.2.1 The contractor shall assist in conducting a public meeting in St. Thomas, U.S.V.I., to further inform the public of the purpose of this Delivery Order, the procedures to be followed, and the cooperation requested. A written record of attendees' questions and answers shall be accomplished and be provided as part of the Removal Report.

3.2.2 The contractor shall propose a methodology to accomplish this task for approval by the CO.

3.2.3 All press releases and media appearances shall be coordinated with and approved by the Public Affairs Office (PAO), Corps of Engineers Jacksonville District/Antilles Area Office in coordination with the CEHND PAO.

3.3 (TASK 3) SAMPLING, ANALYZING, AND RELOCATING NON-DOD DEBRIS.

3.3.1 The contractor shall execute the approved sampling and analysis plan for characterizing potential HTW associated with the non-DOD debris in the Flamingo Bay landfill, test area 4, and test area 5.

3.3.2 The contractor shall adhere to permitting requirements associated with the non-DOD debris movement and identified as necessary in the approved plan.

3.3.3 In the event where non-DOD generated debris hinders the execution of the CWM investigation, the contractor shall move it within the work site as Practicable. If retention on site is not practical, solid waste must be transported and disposed of properly. Should hazardous or toxic waste posing an immediate threat to the environment be encountered when moving this debris, the contractor is required under this scope of work to prepare manifests, transport off site, and properly dispose of such waste.

3.4 (TASK 4) SAMPLING AND ANALYSIS OF VEGETATION.

3.4.1 The contractor shall execute the plan prepared during Delivery Order #1 to conduct sampling and analysis of soil. It is not anticipated that OEW shall be encountered on the surface, but if OEW is encountered, it shall be dealt with as a component of the investigation.

3.4.1.1 The procedures utilized during this investigation shall comply with those covered in CEHND Safety Concepts and Basic Considerations for UXO (encl 1).

3.4.1.2 In the event UXO is encountered, the CO shall be notified, who will in turn request support from the TEU or supporting EOD. The contractor shall secure the UXO pending the arrival of the TEU or EOD Team. Any movement off site of hazardous UXO shall be conducted only by military EOD qualified personnel.

3.4.1.3 If an encountered UXO is suspected of containing a toxic military chemical agent, all operations shall cease and the contractor shall withdraw from the immediate work area. The UXO site shall also be secured by two UXO personnel, and the CEHND on-site coordinator notified, who will in turn request TEU support.

3.4.4 The contractor shall follow the approved methodology to accomplish this task in the SSWP.

3.5 (TASK 5) VEGETATION CLEARANCE. The contractor shall clear vegetation from the site to be geophysically mapped. All brush and vegetation to a size of 3 inches in diameter shall be removed from the site. Brush will be mulched or piled for future mulching at the direction of the CO. Brush shall be cleared from all areas required to perform mapping. The contractor shall ensure that all environmental requirements for brush clearing, such as endangered plant or animal life is observed. The contractor shall not begin vegetation clearance until approval from the CO has been received.

3.6 (TASK 6) GEOPHYSICAL MAPPING. The contractor shall map all of the areas identified in Tasks 4 and 5 above, using a combined system of magnetometers, metal detectors, ground penetrating radar, non-intrusive soil gas sampling or other

existing maps depicting anomalies in the soil to a depth of 8 feet. This overlay will show both the horizontal and vertical dimensions of the anomalies. No intrusive activity (i.e. soil boring) shall occur. The contractor shall propose the technique and methodologies to be used for this task for government approval.

3.7 (TASK 7) PERFORM QUALITY CONTROL.

3.7.1 The contractor shall provide the necessary personnel and equipment to administer a Quality Control (QC) Program to manage, control, and document his own and his sub-contractor's activities.

3.7.2 The individual performing the QC shall not be involved in the performance of other tasks. QC shall be a separate function and be performed in accordance with the approved Quality Control Plan developed for Delivery Order 1.

3.8 (TASK 8) PREPARE AND SUBMIT PHASE I REMEDIAL INVESTIGATION (RI) REPORT

3.8.1 At the conclusion of the field work, the contractor shall submit the RI Report which consists of the following:

3.8.1.1 A reproducible copy (full-sized mylar drawing) of all maps and the originals of all field books, layout sheets, computation sheets, abstracts, computer printouts, and all unique items created or used to create the end products required by the SOW.

3.8.1.2 Detailed accounting of all UXO and UXO-related materials located within the project.

3.8.1.3 A daily journal of all activities associated with this SOW.

3.8.1.4 A video tape (furnished only to CEHND-PM-OT).

3.8.1.5 A recapitulation of exposure data. This shall include total number of man-hours worked on site, total motor vehicle mileage, total number of flying hours, and number of flights.

3.8.1.6 Maps of traverses and subsurface anomalies.

3.8.1.7 Recommendations for continued investigation and sampling based on the results from this SOW.

3.8.1.8 QC documentation.

* * 3.8.1.9 A detailed accounting of cost for the handling, transport, and disposal of non-DOD generated waste. Back-up

documentation of these costs shall be furnished with the final submission to the contracting officer.

3.9 REPORTS AND SUBMITTALS. The contractor shall prepare reports and provide submittals in accordance with paragraph 4.0.

3.10 CONTRACTOR QUALIFICATIONS. The contractor shall furnish a staff that is qualified through training and experience that will safely accomplish the objective and tasks of this SOW. The SSWP shall list personnel intended to execute the planned work and contain their resumes.

3.10.1 Training requirements of 29 CFR 1910.120e(i) shall not apply to the preparation of the plans in this SOW. The requirements shall apply in the execution of planned field work.

4.0 SUBMITTALS:

4.1 The contractor shall furnish copies of all plans and reports as indicated in paragraph 4.3 to each addressee listed below in the quantities indicated. The contractor shall utilize overnight delivery services for delivering these plans and reports. Following each submission, comments generated as a result of their review shall be incorporated.

ADDRESSEE	COPIES
US ARMY ENGINEER DIVISION, HUNTSVILLE ATTN: CEHND-PM-OT (MR R. FITZPATRICK) 106 WYNN DRIVE HUNTSVILLE, AL 35805-1957	5
US ARMY ENGINEER DIVISION, SOUTH ATLANTIC ATTN: CESAD-PM (MR. S. ERNST) 77 FORSYTH STREET, S.W. ATLANTA, GA 30335-6801	2
COMMANDER TECHNICAL ESCORT UNIT ATTN: SMCTE-OP ABERDEEN PROVING GROUNDS, MD 21010-5423	2
OFFICE OF THE PROGRAM MANAGER FOR NON-STOCKPILE CHEMICAL MATERIEL U.S. ARMY CHEMICAL MATERIEL DESTRUCTION AGENCY ATTN: MR. CHUCK HEYMAN ABERDEEN PROVING GROUND, MD 21010-5401	1
U.S. ARMY ENGINEER DISTRICT, JACKSONVILLE ATTN: CESAJ-DP-I (MR. BRIDGERS) 400 WEST BAY STREET JACKSONVILLE, FL 32232-0019	4

DEPARTMENT OF PLANNING AND NATURAL RESOURCES (DPNR)
ATTN: MR. GABRIEL ST. SURIN, DIRECTOR OF PERMITS
NISKY CENTER, SUITE 231
NO. 45A ESTATE NISKY
CHARLOTTE AMALIE, ST. THOMAS, V.I. 00802

1 (FINAL
ONLY)

U.S. ARMY CORPS OF ENGINEERS
ANTILLES AREA OFFICE
ATTN: CESAJ-DS
400 FERNANDEZ JUNCOS AVENUE
SAN JUAN, PUERTO RICO 00901-3299

1

4.2 Submittals and Due Dates: The CO will issue a letter notifying the contractor to proceed.

SUBMITTALS

DUE DATES

Confirmation letter/
proposed amendments to
approved plans

10 days after NTP

Record of Meeting

10 days after meeting

Phase I RI Report
(Draft)
(Final)

90 days after NTP
150 days after NTP

4.3 Status Reports and Telephone/Conversation Reports are monthly. The original of each of these reports shall be sent within 10 working days of the end of the reporting period by normal mail to:

U.S. ARMY ENGINEER DIVISION, HUNTSVILLE
ATTN: CEHND-CT-D (MS. PRINCE)
PO BOX 1600
HUNTSVILLE, AL 35807-4301

with a copy furnished to:

U.S. ARMY ENGINEER DIVISION, HUNTSVILLE
ATTN: CEHND-PM-OT (MR. FITZPATRICK)
PO BOX 1600
HUNTSVILLE, AL 35807-4301

US ARMY ENGINEER DISTRICT, JACKSONVILLE
ATTN: CESAJ-DP-I (BRIDGERS)
P.O. BOX 4970
JACKSONVILLE, FL 32232-00191

4.4 Project Manager. The designated CEHND Project Manager for this delivery order referred to in subsection 3 is Mr. Roger A. Fitzpatrick, Ordnance & Technical Programs Division, Directorate

5.0 REFERENCES.

- 5.1 AR 385-40 with USACE Supplement.
- 5.2 EM 385-1-1, CE Safety and Health Requirements Manual.
- 5.3 TM 9-1300-206, Ammunition and Explosive Standards.
- 5.4 CEHND Safety Concepts and Basic Considerations for UXO.
- 5.5 DOD 4160.21-M, Defense Utilization and Disposal Manual.
- 5.6 DA PAM 60-5.

6.0 GOVERNMENT-FURNISHED.

- 6.1 Right of Entry (CESAJ).
- 6.2 Final Archive Report, Former Fort Segarra.
- 6.3 Draft Work Plan, Former Fort Segarra.
- 6.4 Topographic maps of test areas located on Water Island.

7.0 SPECIAL INSTRUCTIONS. 29 CFR 1926.100(a) requires personnel to wear protective helmets in areas where there is a possible danger of head injury from impact, or from falling or flying objects, or from electrical shock or burns. During field activities on ordnance projects, hard-hats need not be worn unless a head injury threat is present.

ANNEX G
GEOPHYSICAL SWEEP PROCEDURES

The following geophysical procedures have been extracted verbatim from the CEHND approved work plan for Phase I of the Former Fort Segarra Site Characterization.

4.8. Sweep Procedures.

4.8.1. **Selective Vegetation Removal.** Prior to commencing UXO sweeps, vegetation in the area will be removed. Vegetation will be cut as low as possible, but vegetation removal equipment will be set to a height so as to not impact any UXO which may be laying on the surface. UXO personnel will monitor cutting operations to detect actual and possible UXO/OEW locations. UXO discovered during vegetation removal will be marked for disposition with ordnance found during subsequent sweeps.

4.8.2. **Marking Sectors and Sweep Lanes.** After vegetation has been removed from the area, the area will be divided into four sectors. UXO personnel will mark individual sweep lanes within each sector. Lanes will be five (5) feet wide and will be clearly marked with stakes and engineer tape. The length of the lanes will vary depending on the terrain. Sectors and lanes will be marked on the map prior to commencement of sweeps. Lanes will remain intact until completion of surface and subsurface sweep activities.

4.8.3. **Senior UXO Supervisor Check of Area.** The Senior UXO Supervisor will conduct a physical check of the area to be cleared prior to sweep operations. One other UXO qualified individual will accompany the Senior UXO Supervisor.

4.8.4. **Pre-Sweep Safety and Operations Briefing.** Prior to commencing any sweep operation, the Senior UXO Supervisor will brief all sweep team personnel on:

- a. Description of the area to be cleared.
- b. Known/suspected ordnance present.
- c. Communication procedures.
- d. Safety precautions associated with the area.
- e. Accident procedures.
- f. Climatic precautions.
- g. Other situation specific instructions.

4.8.5. **Equipment Check.** UXO personnel will perform equipment checks on subsurface sweep equipment immediately after the safety briefing. Equipment operability and support requirements (e.g., spare batteries) will be inspected in the process. Operational condition of each instrument will be annotated in the log book. The following detection equipment will be used for this project:

- a. Schonstedt GA-52B 72B. The Schonstedt GA-52B/72B Heli-Flux Magnetometer is capable of locating a 125-mm projectile at a depth of five (5) feet and will be the primary instrument used by the team members to locate subsurface

UXO OEW. The Model GA-52/72B detects the magnetic field of a ferromagnetic object and responds to this difference in the magnetic field between two sensors spaced 20 inches apart. The response consists of a change in the frequency signal that is emitted by a loudspeaker.

b. Other instruments that meet the criteria established in the SOW may be used in the interest of safety and/or quality of effort. All such instruments will be approved by USAEDH safety personnel prior to employment on site.

4.8.6. Performing UXO Sweeps. Sweep teams shall consist of a UXO Supervisor, a UXO Specialist and a UXO Assistant. Teams will be assigned to sweep lanes which are separated by one lane minimum (more at the discretion of the Senior UXO Supervisor). Two members of each team will proceed down each lane, simultaneously conducting visual and magnetometer sweeps and marking ordnance locations. The UXO Specialist and the UXO assistant of each team will alternate as the magnetometer operator and "flagman" on each team. UXO Supervisors are responsible for recording ordnance and magnetometer detections, maintaining safe intervals between teams, and confirming OEW identifications when necessary. UXO Supervisors will also insure 100% coverage of the lanes assigned. UXO Supervisors will remain several meters behind other team members, but may rotate magnetometer and "flagman" duties with other team members in the interest of health safety. Sweep lanes will stop and start individually. Stopping, starting, and breaks will be controlled by UXO Supervisors. Subsurface sweeps will be conducted to the depths identified in the delivery order.

4.8.7. Identifying and Marking UXO/OEW. UXO/OEW will be identified by at least two UXO technicians. Identification will include nomenclature, location and condition (e.g., armed, unfired, damaged, burnt, etc.). Nomenclature and location will be posted on site maps; other information will be recorded on the daily summary/inventory forms being used on site. Suspected UXO items which cannot be identified will be photographed and the photos sent to CEHND. UXO/OEW will be marked with bicycle flags. Flags will be offset far enough from UXO/OEW so that they will not come in contact with the UXO if knocked over.

4.8.8. Marking Subsurface Anomalies. Magnetometer detected anomalies will be marked with bicycle flags in the same manner as UXO/OEW was marked during surface sweeps. Location of subsurface items will be recorded in the log book and marked as accurately as possible on a map of the site.

4.8.9. Identifying & Handling Inert Items, OEW Related Scrap. Inert items and scrap will be examined by at least two UXO qualified personnel, classified as OEW or non-OEW scrap and the absence of explosives verified. See Annex I (DRMO Turn-in Plan).

4.8.9.1. Handling Inert Items. Location and nomenclature of inert items will be recorded in the site log book. Inert items will then be moved to the inert segregation point near the disposal area. Items requiring venting will be separated from items not requiring venting.

4.8.9.2. Handling OEW Related Scrap. Scrap that can be moved without the use of heavy equipment will be consolidated near established site access routes to aid

in later collection efforts. Only UXO qualified personnel will handle OEW related scrap. Scrap which is too large or heavy, or cannot otherwise be moved will be marked and recorded for post sweep removal.

4.8.10. Non-OEW Scrap. Non-OEW related scrap will be collected at a site approved by the CEHND on-site representative for turn-in to local authorities. Scrap that can be moved without the use of heavy equipment will be consolidated near established site access routes to aid in later collection efforts. Non-OEW related scrap areas will be located far enough from OEW related scrap areas to prevent confusion and mixing of material. Non-UXO qualified personnel may handle OEW related scrap. Scrap which is too large or heavy, or cannot otherwise be moved will be marked and recorded for post sweep removal.