

# FORMER LOWRY TRAINING ANNEX AND DENVER RESEARCH INSTITUTE SITE

## TECHNICAL ADVISORY SERVICES - REPORT TO THE RESTORATION ADVISORY BOARD

### PROGRESS REPORT

Keith Wegner •



*CORRELATION CORP.*  
*Golden, Colorado*

July 25, 2001

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Technical Advisory Services Contracted By:



US Army Corps of Engineers - Tulsa District  
Contract: DACA56-00-P-2001  
Contact: Andrew McVeigh

Technical Advisory Services Sponsored By:

Office of  
Naval Research



Contact: Frederick Esposito

SCANNED

AUG 01 2001

# PROGRESS REPORT

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- TECHNICAL ADVISORY SERVICES CONTRACT WORK IN PROGRESS**
  
- TASK 1 – ATTEND RAB MEETINGS**
  
- TASK 2 – REVIEW TECHNICAL REPORTS AND WORK PLANS**
  - **RADIATION SURVEY AND SUMMARY REPORT (√)**
  - **ORDNANCE CLEARANCE REMOVAL WORK PLAN AND DRAFT REPORT (√)**
  - **GEOPHYSICAL SURVEY REPORT (√)**
  - **SITE INSPECTION WORK PLAN AND REPORT (√)**
  - **DEMOLITION REPORT – AMMO STORAGE AREAS (√)**
  
- TASK 3 – PRESENT SUMMARY BRIEFINGS**
  
- TASK 4 – PROJECT ADMINISTRATION**

# PROGRESS REPORT

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- REMAINING REVIEWS TO BE PERFORMED AND REPORTED AS REPORTS BECOME AVAILABLE:**
  - **FLTA DRI SITE, ADDENDUM 1, HOT SPOT REMOVAL (July 19, 2001)**
  - **DEMOLITION REPORT FOR FLTA AND DRI SITE**

# PROGRESS REPORT

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## BUDGET PERFORMANCE:

### Percent Complete



# REPORT REVIEW

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- DRAFT FINAL PROJECT CLOSEOUT REPORT FOR SITE INSPECTION ACTIVITIES - AMMO STORAGE AREAS (June 5, 2001)**

**THIS REPORT SUMMARIZES:**

- **ORDNANCE AND EXPLOSIVES (OE) INVESTIGATIONS CONDUCTED**
- **ENVIRONMENTAL SOIL SAMPLING RESULTS**
- **DEMOLITION ACTIVITIES**

- SUMMARY OF OE ACTIVITIES:**

- **192 ANOMALIES WERE DETECTED AND 100 LBS OF NON-HAZARDOUS SCRAP WAS CLEARED, CONTAINERIZED, AND DISPOSED OFF-SITE**
- **NO UXO ITEMS WERE DETECTED AT THE AMMO STORAGE AREA**

# REPORT REVIEW

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## SUMMARY OF ENVIRONMENTAL SOIL SAMPLING ACTIVITIES:

- NONE OF THE SAMPLES COLLECTED HAD ELEVATED CONCENTRATIONS OF EXPLOSIVES. PERCHLORATE WAS ALSO NOT DETECTED.
- ARSENIC WAS DETECTED SLIGHTLY ABOVE BACKGROUND BUT THE ARSENIC LEVELS DETECTED WERE CONSISTENT WITH THOSE IN REGIONAL SOILS AND NOT LIKELY ASSOCIATED WITH ANY SITE ACTIVITIES.

## REPORT CONCLUSIONS:

- NO CONTAMINATION OF ENVIRONMENTAL MEDIA IS PRESENT.
- OE ACTIVITIES HAVE NOT RESULTED IN CONTAMINATION THAT WOULD HAVE ADVERSE IMPACT ON HUMAN HEALTH OR THE ENVIRONMENT.

**CORRELATION CONCURS WITH THESE FINDINGS BASED ON REVIEW OF THE REPORT AND ASSOCIATED DATA.**

# REPORT REVIEW

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## SUMMARY OF DEMOLITION ACTIVITIES:

- ALL ABOVEGROUND STRUCTURES HAVE BEEN DEMISED AS WELL AS 206 FEET OF PIPE. DEBRIS WAS DISPOSED OF AT THE DENVER ARAPAHOE DISPOSAL FACILITY.
- TWO EXHAUST FANS FOUND DURING THE RADIATION SURVEY WERE DISPOSED OF DURING THE DEPLETED URANIUM REMOVAL ACTION. THESE ITEMS WERE DISPOSED OF OFF-SITE AT THE AMERICA ECOLOGY RECYCLE CENTER.
- DISTURBED AREAS WERE RE-SEEDED WITH SIMILAR NATIVE GRASSES.

# REPORT REVIEW

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- OFFICE OF NAVAL RESEARCH RECOMMENDS THAT THE FORMER AMMO STORAGE AREA PROPERTY BE RELEASED AS “UNRESTRICTED FOR RESIDENTIAL, OFFICES, AND TOWN CENTER” WITH THE STIPULATION THAT OE CONSTRUCTION SUPPORT BE REQUIRED TO SUPPORT ANY FUTURE EXCAVATIONS OR BELOW GROUND SURFACE DISTURBANCE.

THIS STIPULATION RECOGNIZES THE POTENTIAL THAT UXO ITEMS MAY BE DISCOVERED AT DEPTHS GREATER THAN 2 FEET BELOW GROUND SURFACE.

CORRELATION CONCURS WITH THE REPORT FINDINGS AND RECOMMENDS THAT THEY BE ACCEPTED.