

FORMER LOWRY TRAINING ANNEX AND DENVER RESEARCH INSTITUTE SITE

TECHNICAL ADVISORY SERVICES - REPORT TO THE RESTORATION ADVISORY BOARD

PROGRESS REPORT

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CORRELATION CORP.
Golden, Colorado

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Technical Advisory Services Contracted By:



US Army Corps of Engineers - Tulsa District
Contract: DACA56-00-P-2001
Contact: Loren Mason, Ph.D.

Technical Advisory Services Sponsored By:

**Office of
Naval Research**



Contact: Frederick Esposito

PROGRESS REPORT

- 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 (√)**
 - **ADDENDUM 1 – HOT SPOT REMOVAL (√)**
 - **DEMOLITION REPORT – AMMO STORAGE AREAS (√)**
 - **DRAFT FINAL SUPPLEMENTAL OE WORK PLAN (√)**
 - **DEMOLITION REPORT FOR FLTA AND DRI SITE**
 - **SUPPLEMENTAL OE REPORT**
 - **CLOSEOUT REPORT FOR DRI WEST SIDE**

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- TASK 3 – PRESENT SUMMARY BRIEFINGS**

- TASK 4 – PROJECT ADMINISTRATION**

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- REMAINING REVIEWS TO BE PERFORMED AND REPORTED AS REPORTS BECOME AVAILABLE:**
 - **DEMOLITION REPORT FOR FLTA AND DRI SITE**
 - **SUPPLEMENTAL OE REPORT FOR SITE INSPECTION ACTIVITIES**
 - **CLOSEOUT REPORT FOR DRI WEST SIDE**

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TECHNICAL ADVISORY REVIEW COMMENTS ON THE DRAFT FINAL SUPPLEMENTAL OE WORK PLAN

General Comment

1. The DRAFT FINAL supplemental work plan is comprehensive, well-developed, and contains a detailed approach to completing the OE investigation work at the DRI site. The work plan in my opinion adequately addresses the additional issues raised for investigating OE and potential UXO at the site with the prospect of improved conventional munitions (MK118 Rockeye submunitions) being present.

Specific Comments

1. **Section 12.2.4 Erosion Control.**

This section appears to be boilerplate that has not been edited for the DRI site. The sentences, “Erosion can also be caused by wind action, particularly at exposed coastal areas.” *and* “Site –specific erosion control measures, if necessary, are further detailed in the site-specific work plans.”

It would be useful to know what, if any, erosion control measures are being used at the site during excavation and clearance activities.

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2. Section 7.1.2 Mapping.

The second paragraph in this section indicates that GPS technology *may* be used to locate OE components if the technology is readily available and protocols are in place.

Will GPS be used? Are the protocols in place to use it?

3. Section 5.1.1.3 False Positives.

The DQO specifies that no more than 15% “false positives” will occur during reacquisition of metallic anomalies. What is the contingent plan if more than 15% false positives occur? Hasn’t this type of problem occurred before with requiring targets?

4. Section 5.9 Quality Control

This section indicates that after each excavation is completed, the field crew will collect a target signature over the excavation area in an “X” pattern at least 20-ft. long, running North-South/East-West.

This section is confusing and it may be my density or the wording used. Please clarify. Does this section mean that the X transect will be done for each grid? Or over each hole where a metallic anomaly has been dug? If the transects are over each hole, won’t they be intersecting all over the grid? It seems like a meandering path survey over the entire grid after the excavations are completed would be more efficient.

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BUDGET PERFORMANCE:

Percent Complete

