

**FORMER LOWRY BOMBING AND GUNNERY RANGE  
ARAPAHOE COUNTY, COLORADO**

**Restoration Advisory Board Meeting  
November 15, 2000**

*Project Status Update*

*U.S. Army Corps of Engineers  
Colorado Department of Public Health and Environment*

**DISCUSSION TOPICS**

- ❶ Clearance activities.
- ❷ SAR/HSI activities.
- ❸ Management Plan.
- ❹ RAB Prioritization Process.

## *Clearance Activities*

WE HAVE FOUR TEAMS  
WORKING REALLY  
REALLY HARD!!!!

THE END...



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## *Clearance Activities - Team Distribution*

- ❶ Bombing Target #6 = 3 Teams
- ❷ 20mm Range Fan, Area B = 1 Team

Team distribution will change soon based on RAB prioritization process and winter work restrictions.



This new OE protective gear is great - now if I could only see!

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## *Synthetic Aperture Radar (SAR)/ Hyperspectral Imagery (HSI)*

### Refresh.....

- ❶ SAR/HSI team have collected data for the entire site.
- ❷ First field verification effort held April 19-21, 2000.
- ❸ Second field verification held August 16-18, 2000.
- ❹ Results to date have been very good.



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## *SAR/HSI*

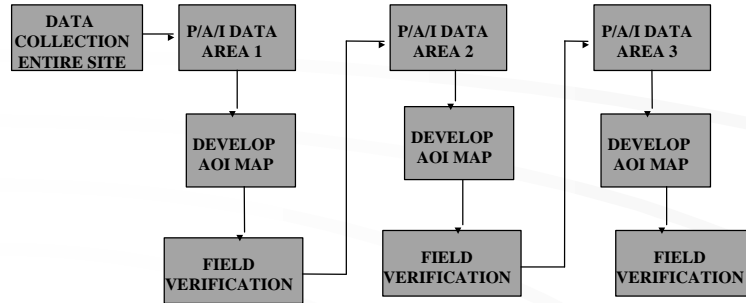
- ❶ Process used to date has been slow and expensive - but necessary.
- ❷ Need to move on to next stage.
  - production base level processing.
  - selective advanced processing as needed.
  - informal/iterative field verifications with team when appropriate.
- ❸ General priority areas have been established.
- ❹ Breakdown of these areas dependent on data collection flow in order to make cost efficient and timely.
- ❺ Priorities can be adjusted if necessary to accommodate project requirements.
- ❻ Final goal is still “two men in a truck”.

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## SAR/HSI



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## SAR/HSI

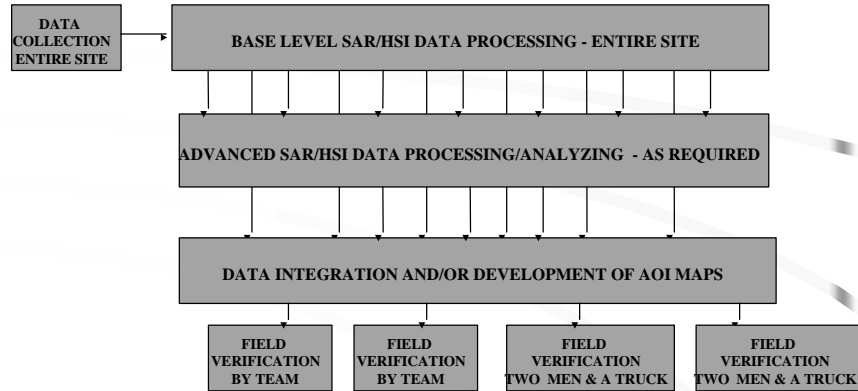


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## *SAR/HSI*



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## *MANAGEMENT PLAN*

### Purpose

- ① Outline goals, objectives, methodologies and project organization for OE response activities at the range.
- ② Guidance and reference document.
- ③ Document efforts to date.
- ④ Utilize to track project goals and accomplishments.
- ⑤ Utilize to track and update project cost and schedules.

Update annually - **THIS IS A LIVING DOCUMENT**

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## ***MANAGEMENT PLAN***

### **OUTLINE**

- ❶ Introduction
  - ❷ Site Information
  - ❸ Project Execution
  - ❹ Efforts to Date
  - ❺ Remaining Efforts
  - ❻ Project Prioritization Process
  - ❼ Project Organization and Responsibilities
  - ❽ Cost to Date
  - ❾ Cost to Complete
  - ❿ Annual Management Review/Update
- 

## ***MANAGEMENT PLAN***

### **Additional Items Included**

- ❶ Area of concern figures.
  - ❷ Scrap management plan.
  - ❸ RAB membership list.
  - ❹ SAR/HSI management plan.
  - ❺ RAB prioritization scorecards
  - ❻ Project team organization charts and POC's.
  - ❼ Construction support decision tree.
  - ❽ Project cost and schedule information.
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## ***MANAGEMENT PLAN***

### **Items not Included in Draft but will be in Final**

- ❶ Short-term goals/targets (Section 1.2)
- ❷ Cost to complete, including required annual funding level to complete the project in 10 years (Section 9.1)
- ❸ SAR/HSI schedule (Appendix D, SAR/HSI Management Plan, Section 8.0)

NOTE: The RAB priorities provided in Table 5 may change as a result of the November 15, 2000 RAB meeting.

## ***MANAGEMENT PLAN***

### **Schedule for Completing Management Plan**

- ❶ Goal is to finalize and distribute final Management Plan at the next RAB.
- ❷ Request RAB members provide comments by December 15, 2000.
- ❸ Comments should be mailed to:

Ms. Tracie White  
Stone and Webster, Inc.  
7677 East Berry Avenue  
Greenwood Village, Colorado 80111

***RAB PRIORITIZATION PROCESS***

***BY***

***JEFF & JEFF***

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