

Air Force Civil Engineer Center

Integrity - Service - Excellence



Galena Restoration Advisory Board

**Mr. AL Weilbacher
BRAC Environmental Coordinator
17 April 2013**



Overview

- **Welcome and Overview**
 - **Introduction of Gail Graban**
- **Public Involvement Update**
- **Overview of Environmental Restoration**
- **Remarks from Stakeholders**
- **General Discussion and Closing Remarks**
- **Suggested Agenda Items for next RAB**
- **Adjournment**



Public Involvement Update

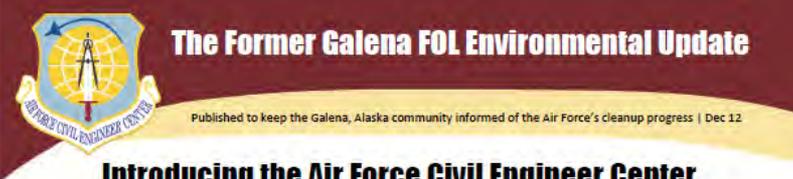
■ Welcome Gail Graban

- BRAC05 Program Lead at AFCEC
- Works closely with BEC to address community concerns
- Involved in cleanup, real estate and property transfer



Public Involvement Update

- **Galena newsletter distributed in December 2012**
 - **Created to keep stakeholders informed of the status of environmental cleanup activities**
 - **AFCEC works with BEC, contractors and regulators to develop content**
 - **We want to hear from you!**



The Former Galena FOL Environmental Update
Published to keep the Galena, Alaska community informed of the Air Force's cleanup progress | Dec 12

Introducing the Air Force Civil Engineer Center

On Oct. 1, three Air Force civil engineering agencies merged to create a new field operating agency called the Air Force Civil Engineer Center, or AFCEC. The new agency combines resources and expertise from the Air Force Real Property Agency (AFRPA), the Air Force Center for Engineering and the Environment (AFCEE) and the Air Force Civil Engineer Support Agency (AFCESA) to help posture the Air Force for success in the areas of construction, energy, environment, housing, operations, planning, real property, and readiness and emergency management.

The change comes as part of the Air Force's Civil Engineering Transformation initiative to continue meeting mission requirements while operating amid budgetary constraints.

The Air Force remains committed to continuing environmental cleanup at the former Galena Forward Operating Location. Over the next several months, AFCEC will continue to keep you informed of the latest news regarding the progress made. It is important to note that none of the key players at Galena are changing, including BRAC Environmental Coordinator, AL Weilbacher.

"The name of the agency has changed, but you shouldn't notice any change in the way we do business at Galena," noted Weilbacher. "We will continue to deliver the same level of service you have come to expect from the Air Force over the past several years."



For more information about the cleanup program at Galena, please visit the brand new Galena web page at <http://www.afcec.af.mil/brac/galena/index.asp>. AFCEC's Public Affairs team is also available to answer questions about the status of cleanup. They can be reached toll free at 1-866-725-7617 or by email at AFCEC.PA@us.af.mil.

Meet Gail Graban



Mr. Graban joins the Galena team as the BRAC05 Program Lead. In this capacity, he is responsible for ensuring the Air Force is working closely with communities impacted by the 2005 Base Realignment and Closure round to address their needs and concerns. Gail will work closely with AL Weilbacher to address cleanup, real estate and property transfer issues.

Gail is a retired Air Force Civil Engineering officer who began his civil service career in 2003 as Environmental Chief at Langley AFB, Va. He also served as Environmental Chief at Fort Jackson, S.C. and HQ Army Installation Management Command in Korea. Prior to that Gail worked in private industry most notably serving as Environmental Affairs Director for the second largest aluminum manufacturing facility in the United States.

Gail received a Bachelor's degree in Civil Engineering from Central Florida University, and a Master's degree in Industrial Engineering from Iowa State University. He is a professional engineer in California and West Virginia.

In his spare time, Gail enjoys spending time with his wife, Linda, and their three grown children and four grandchildren. He also likes to play tennis and keeps busy by exercising. Please join us in welcoming Gail to the Galena cleanup team.



Public Involvement Update

- **If you live, work or own property at Galena, you are eligible to join the RAB**
- **Please fill out a member application if:**
 - **You are a current RAB member**
 - **You are interested in joining the RAB**
- **For information about RAB member roles and responsibilities, please contact AFCEC public affairs**



Former Galena Forward Operating Location

2013-2014 Supplemental Site Characterization Work

CH2M Hill
17 April 2013

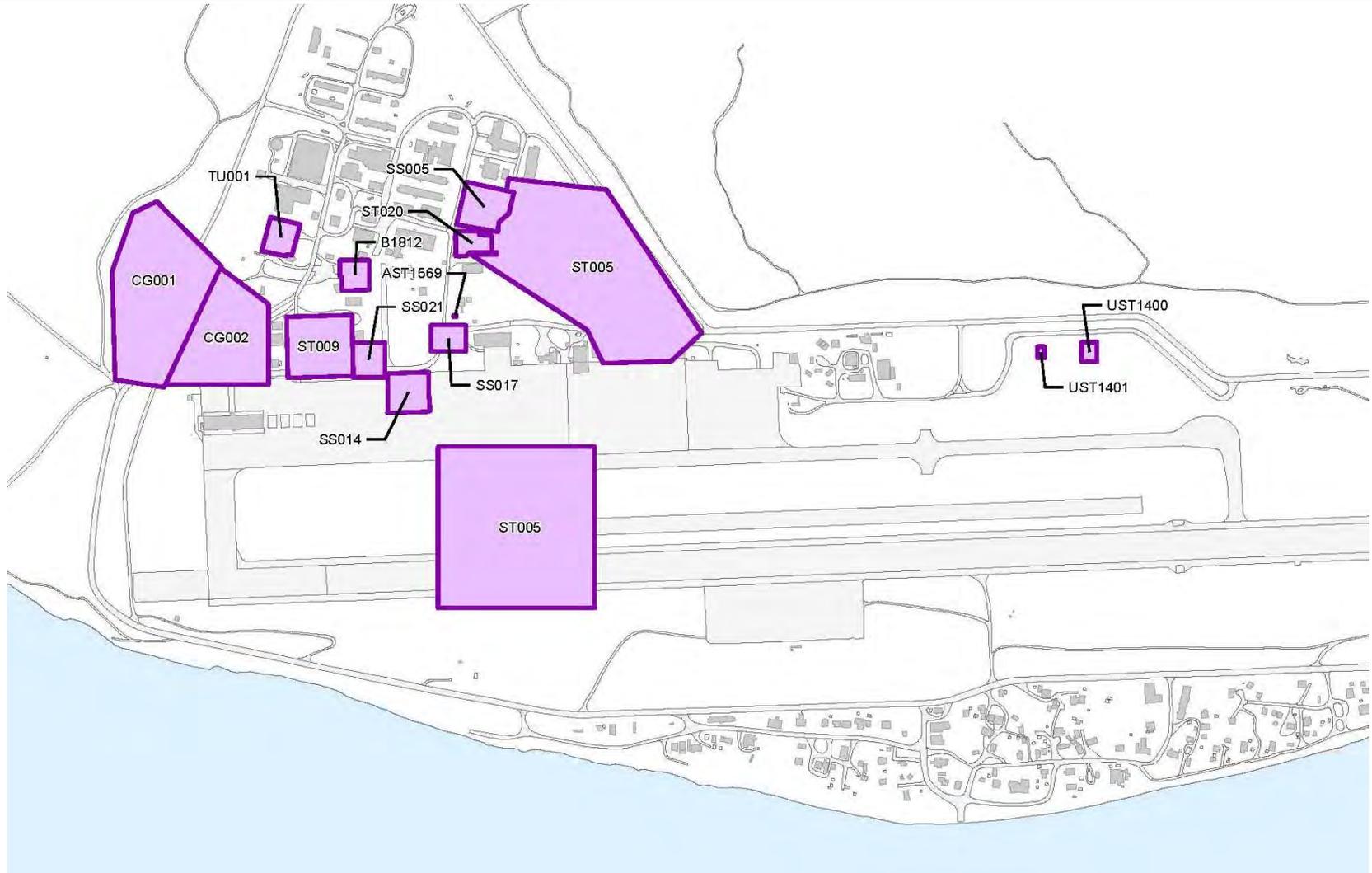


Objectives for Supplemental Site Characterization Fieldwork

- Address remaining “data gaps” for delineating the nature and extent of contamination and provide sufficient data for developing cleanup plans
- Install monitoring wells at key locations within the airfield and downgradient of source areas that will be important for future monitoring and cleanup
- Perform groundwater monitoring in Summer 2013 and Spring 2014 to sample new wells and evaluate trends over time



SC Sites for Data Gap Sampling





Field Schedule

- **Between now and June 3, 2013: Work plan and permit approvals**
- **June 3 – 7: Mobilization**
- **June 10 – July 23: Monitoring well drilling and soil sampling**
- **July 23 – 29: Well maintenance**
- **July 29 – August 23: 2013 groundwater well sampling (up to 100 wells)**
- **End of August: Demobilization**
- **April 2014: Spring groundwater well sampling (up to 40 wells)**
- **August 2014: Water levels, demobilization**



Logistics

- **Field crew of 6 – 10 people**
- **Ron McComb will be one of the field managers;
second field manager TBD**
- **Night shift work during July for well installations in
the airfield**



Questions?



Former Galena Forward Operating Location

Supplemental Remedial Investigation And System Evaluation

April 17, 2013



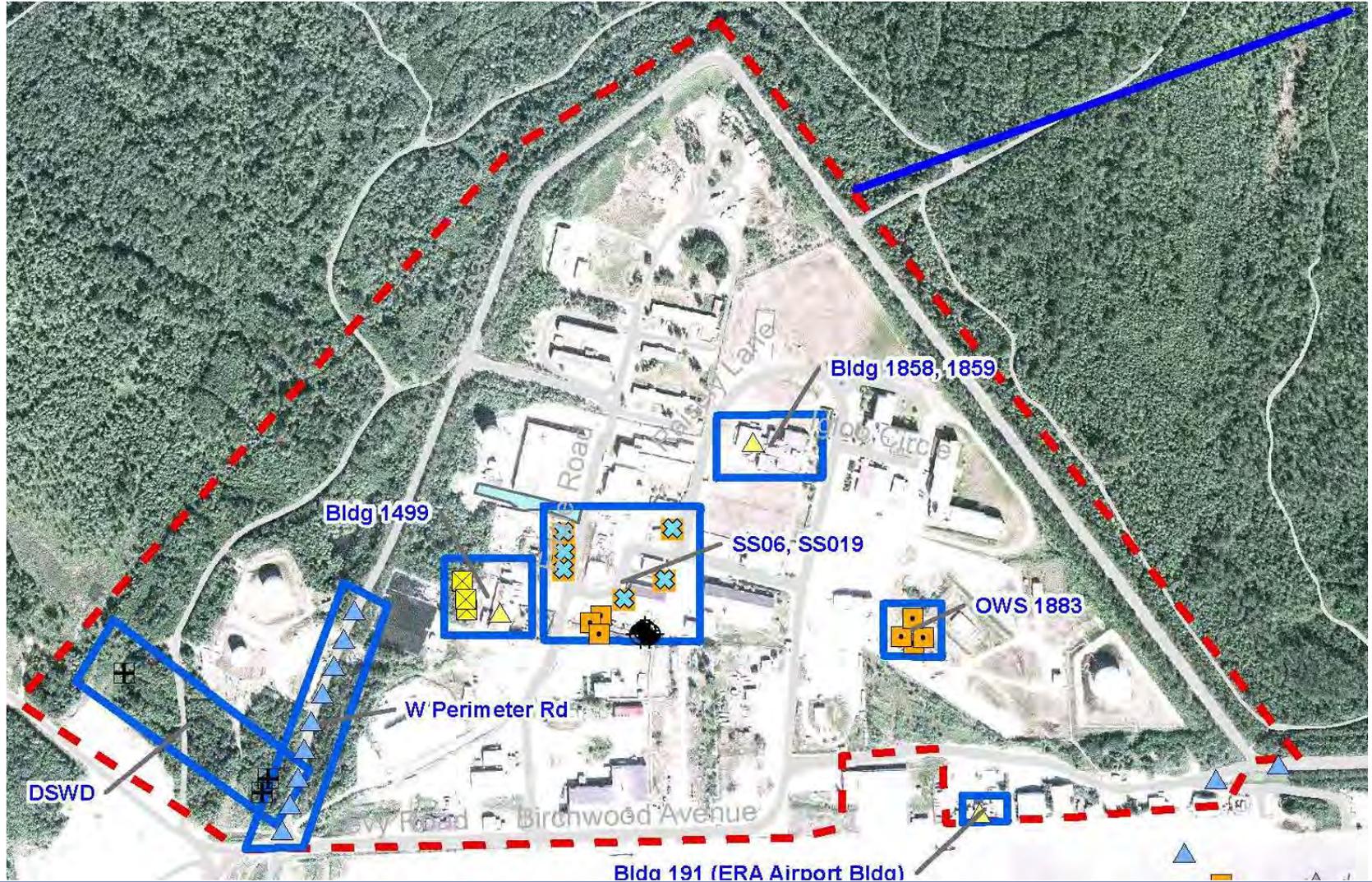
Parsons Field Work Summary

2013 Supplemental Remedial Investigations

- **Collect additional soil, groundwater, and soil gas samples at fuel and solvent release sites**
- **Install monitoring wells**
- **Sample three test pits at the Disposal Site West of Dike site**
- **Operate and evaluate SS015 bioreactor**

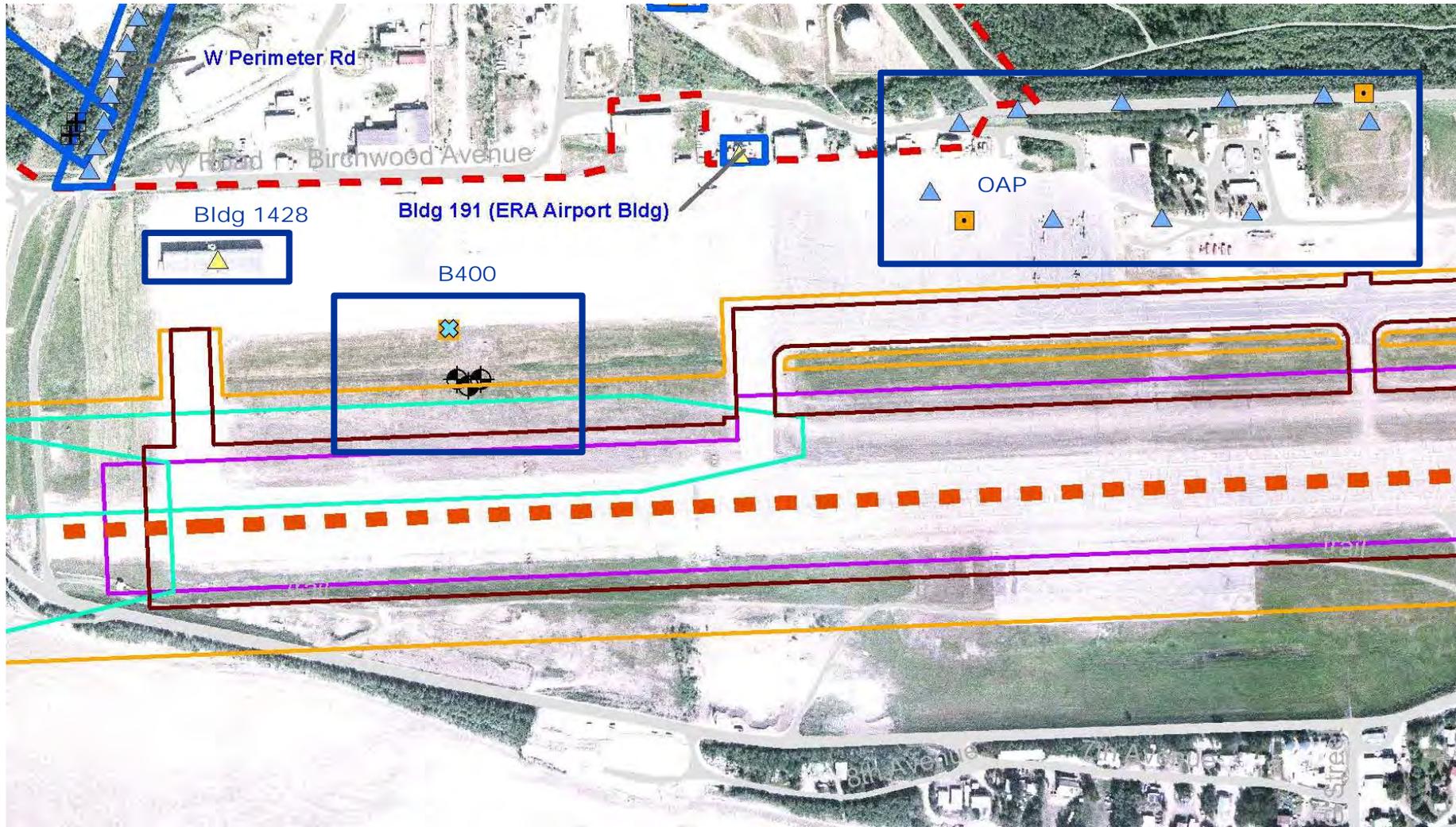


Sites in Triangle Area



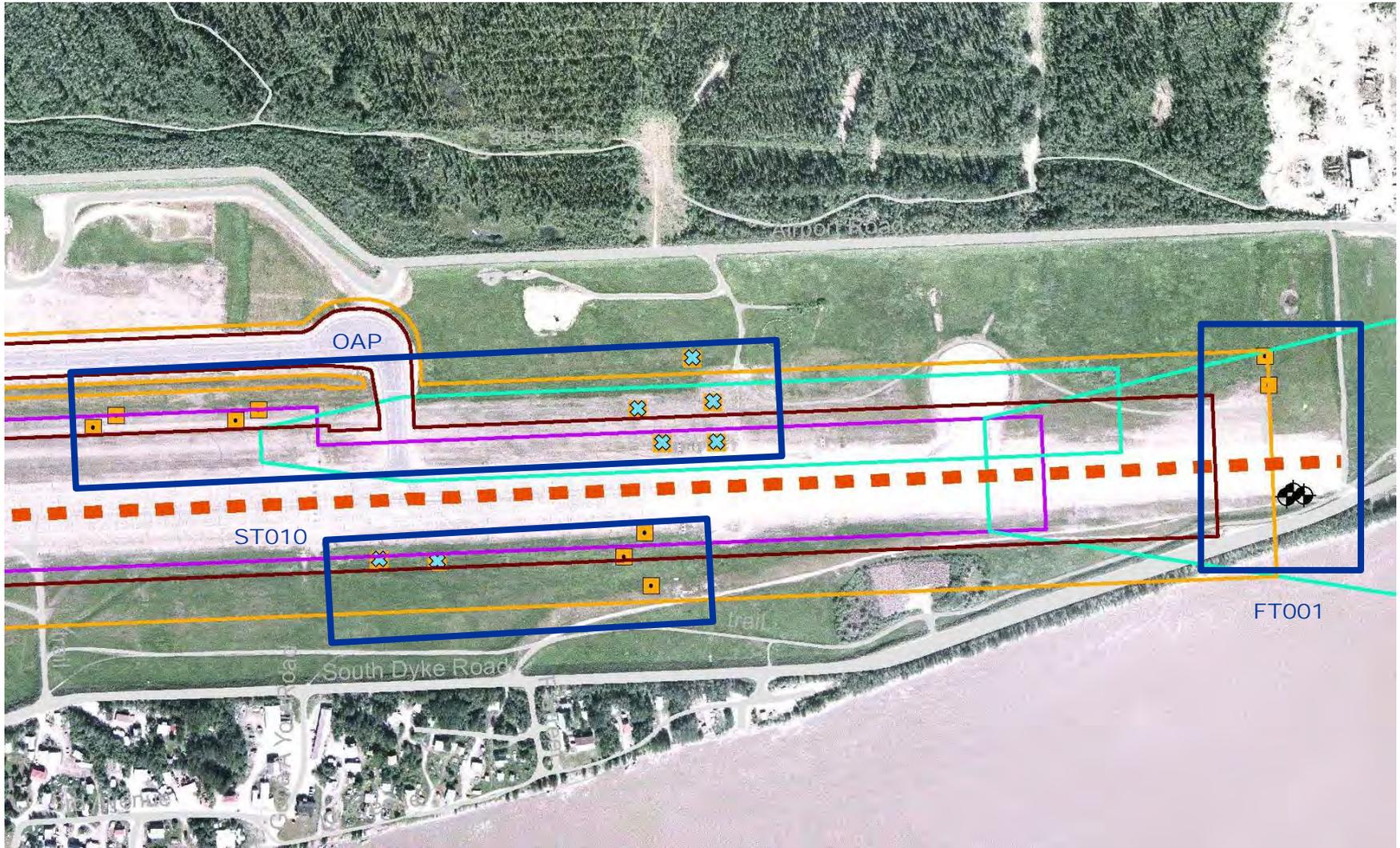


Sites in Western Airfield Area





Sites in Eastern Airfield Area





Parsons Field Schedule

- **May 7 to 17: Mobilization including bioreactor sampling and startup (3-4 man crew for 6-7 days)**
- **June 3 to July 31: Field sampling program (4-6 man crew plus drilling and vapor intrusion subcontractors)**
- **August: Step out borings as needed and bioreactor operation and monitoring (2-3 man crew for 7-8 days)**
- **September: Bioreactor operation and shut down (end of month, 2 man crew for 3-4 days)**
- **Spring 2014: Vapor intrusion second round sampling**
- **Summer 2014: Bioreactor operation, monitoring and optimization**



Former Galena Forward Operating Location

Interim Removal Action and Landfarm Expansion

**Brent Jones, CPG
Tetra Tech
17 April 2013**



Agenda



- Introduction
- Purpose
- Overview
- Field Support
- Questions/Concerns



Introduction

- **US Air Force Contract**
 - Air Force Civil Engineer Center
 - Interim Removal Action & Landfarm Expansion
 - Galena, Alaska
- **Prime Contractor: Tetra Tech EC**
- **Primary Subcontractor: Bethel Environmental Solutions LLC**





Meeting Purpose

- **Discuss Site Activities**
- **Collaborate with Stakeholders**
- **Promote Project Success**





Project Overview

■ Project Objectives

■ SS016

- ❖ Remove 8,700 CY of Petroleum-Contaminated Soil

■ Landfarm

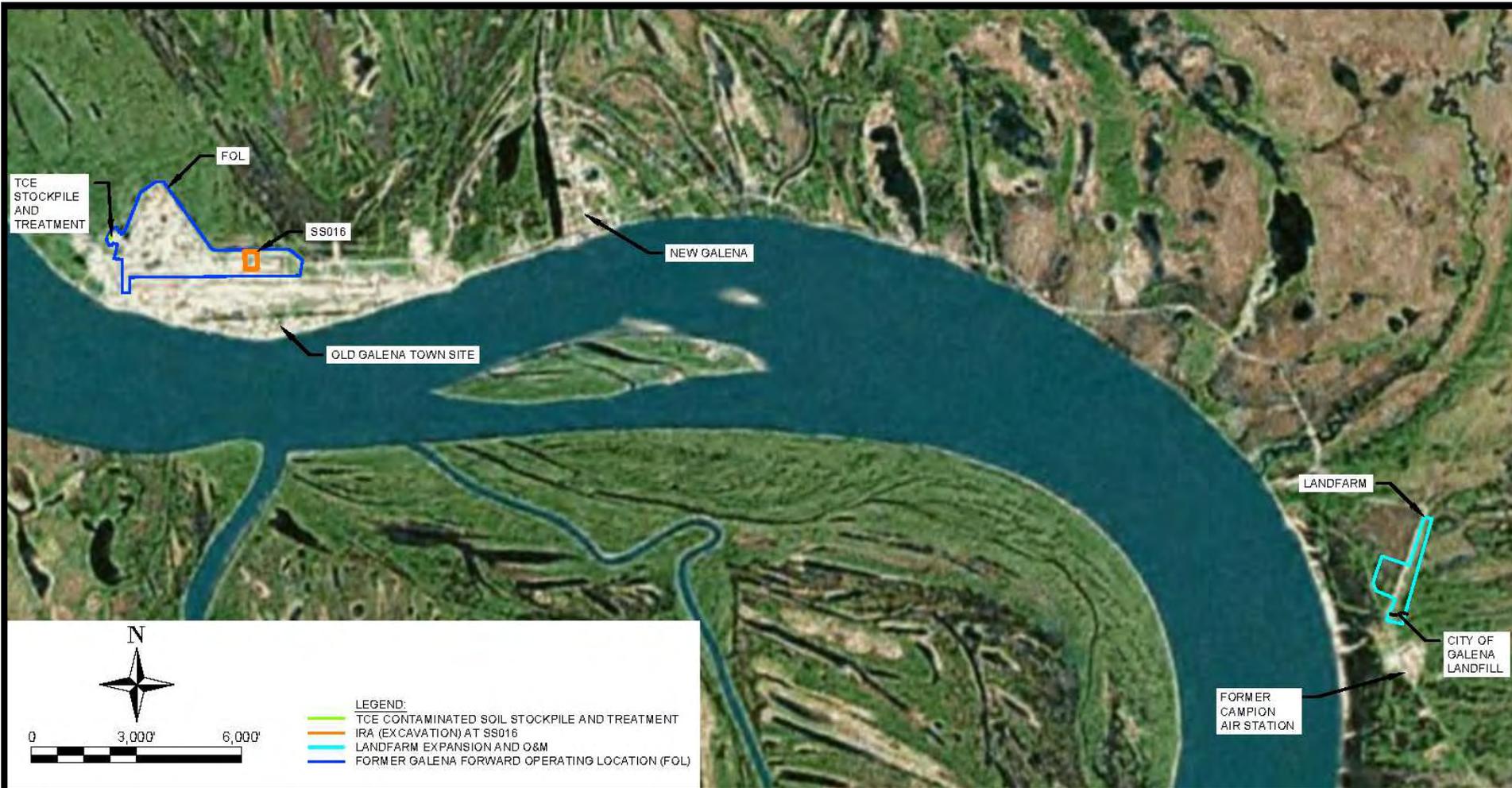
- ❖ Transport 2,100 CY of Treated Soil to Landfill for Reuse as Landfill Cover
- ❖ Expand Existing Landfarm by 100%
- ❖ Treat 5,200 CY of Petroleum-contaminated Soil for Reuse as Landfill Cover

■ SVE Treatment Site

- ❖ Treat 120 CY of TCE-Contaminated Soil by SVE
- ❖ Characterize, Treat, & Dispose of 47 Drums of Contaminated Soil



Work Areas





Milestones

- **Planning**
 - **Complete by 10 June 2013**
- **Mobilization**
 - **Arrive 11 June 2013**
- **SS016 IRA**
 - **Late July-Mid August**
- **Landfarm Expansion & Operations**
 - **Initiate Work 14 June 2013**
- **Demobilization**
- **Winterization: Avoid Freezing Soil Conditions 1 October 2013**





Questions/Concerns





Former Galena Forward Operating Location

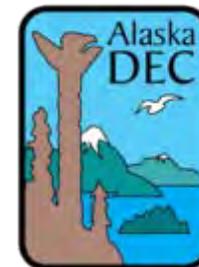
Air Force Military Munitions Response Program (MMRP) Supplemental CSE Phase II

17 April 2013



Project Team

- **U.S. Air Force Civil Engineer Center (AFCEC) BRAC Environmental Coordinator (BEC)**
- **Alaska Department of Environmental Conservation (ADEC)**
- **U.S. Army Corps of Engineers (USACE) - Omaha District**
- **USACE Contractor: TBD**





AFMMRP Overview

- Addresses potential explosives safety hazards presented by munitions and explosives of concern (MEC), which include unexploded ordnance (UXO), discarded military munitions (DMM), and munitions constituents (MC) in a high enough concentration to create an explosive hazard.
- The Air Force's goal for the Military Munitions Response Program is to make munitions response areas (MRA) safe for reuse.





Comprehensive Site Evaluation (CSE) Phase II Overview

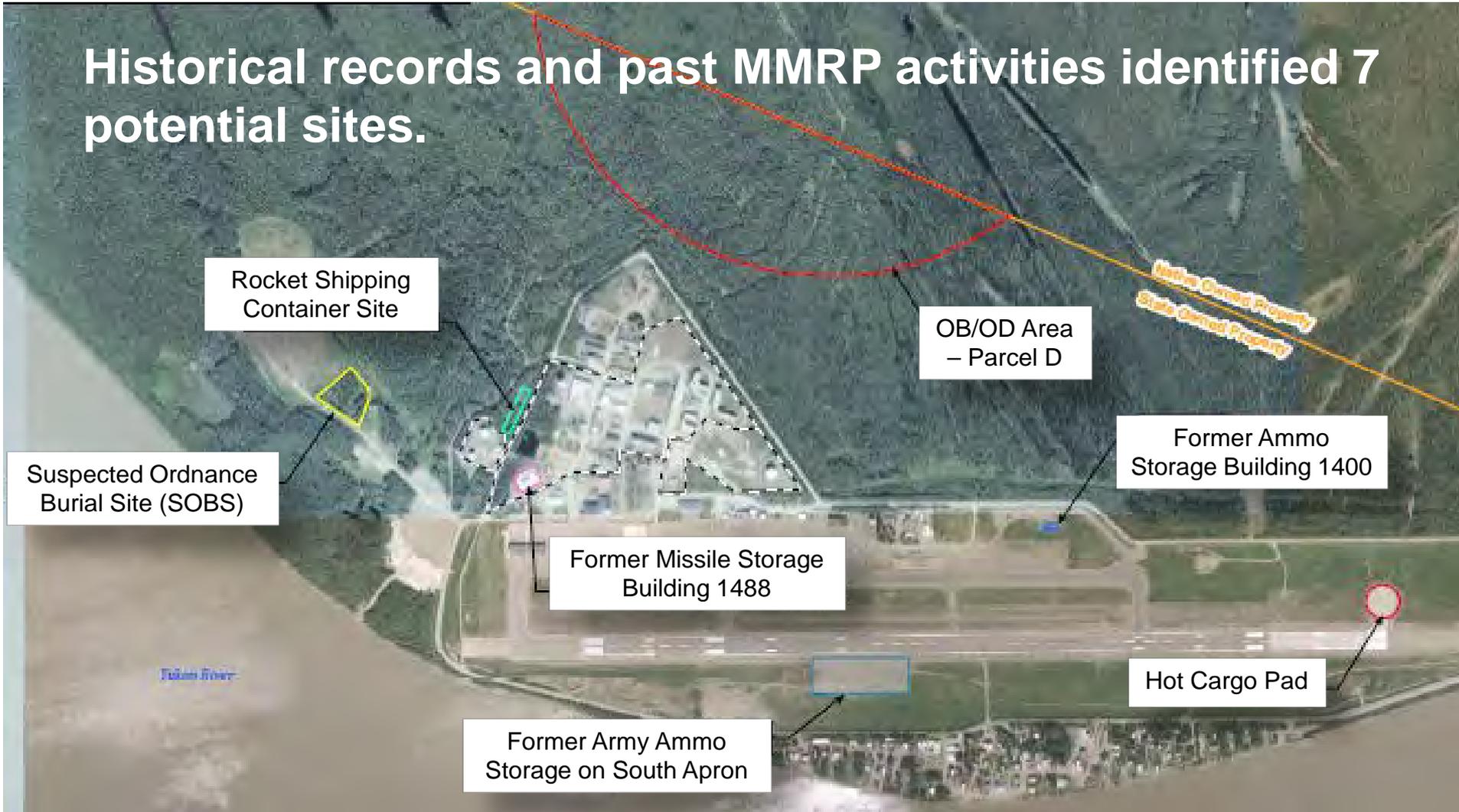
- Determine presence or absence of MEC and MC
- Provide recommendation for future munitions response actions (i.e. RI, removal action, etc.), or...
- Provide defensible data to support No Further DoD Action determination if appropriate
- Typical data collection activities include:
 - Visual surveys
 - MC sampling
 - Geophysical surveys





Location of Sites

Historical records and past MMRP activities identified 7 potential sites.





Supplemental CSE Phase II – Work Plan (November 2012)

- **Supplemental CSE Phase II included:**
 - **Vegetation clearance and visual surveys**
 - **Geophysical investigation (DGM)**
 - **Intrusive investigation of targets and anomalies**
 - **Removal and disposal of potential subsurface munitions**
- **Former Missile Storage Area Building 1488**
 - **Wipe samples to test for explosive residue only**
- **Rocket Shipping Container Site**
 - **Surface clearance to remove and dispose of shipping containers**





MRA	Approx. Acreage	2012 Field Activities	2013 Field Activities
Open Burn/Open Detonation (OB/OD) Area – Parcel D	86.41	<ul style="list-style-type: none"> •Grids were cleared of vegetation and trees less than 6 inches in diameter. •Surface Clearance was conducted. •DGM conducted 	<ul style="list-style-type: none"> •Utilize existing DGM data •Reacquisition and intrusive investigation of anomalies to verify presence or absence of MEC
Suspected Ordnance Burial Site (SOBS)	3.5	<ul style="list-style-type: none"> •Entire area cleared of vegetation and trees less than 6 inches in diameter. •Surface Clearance was <u>conducted</u>. •DGM conducted 	<ul style="list-style-type: none"> •Utilize existing DGM data •Reacquisition and intrusive investigation of anomalies to verify presence or absence of MEC
Rocket Shipping Container Site	0.65		<ul style="list-style-type: none"> •Complete a surface clearance •Conduct Investigation of 100% subsurface anomalies.
Hot Cargo Pad	3.0	<ul style="list-style-type: none"> •Surface clearance was conducted •DGM conducted 	<ul style="list-style-type: none"> •Utilize existing DGM data •Reacquisition and intrusive investigation of anomalies to verify presence or absence of MEC
Former Ammo Storage Building 1400	0.5	<ul style="list-style-type: none"> •Surface clearance was conducted •DGM conducted 	<ul style="list-style-type: none"> •Utilize existing DGM data •Reacquisition and intrusive investigation of anomalies to verify presence or absence of MEC
Former Missile Storage Area Building 1488	1.0		<ul style="list-style-type: none"> •Investigate for the presence of explosives residues using wipe sampling
Former Army Ammo Storage on South Apron	5.39	<ul style="list-style-type: none"> •Surface clearance was conducted •DGM conducted outside of the asphalt area that is the South Apron 	<ul style="list-style-type: none"> •Utilize existing DGM data •Reacquisition and intrusive investigation of anomalies near the building to verify presence or absence of MEC



Supplemental CSE Phase II – 2013 Activities Continued

- Review, revise, and amend Historical Records Review (HRR)
- AF MMRP environmental data collection:
 - MC sampling is utilized when appropriate
 - Supplemental CSE Phase II efforts and results are utilized to focus MC sampling
 - If no MEC and/or no significant densities of MEC were identified, then no MC sampling should be necessary
 - Only sample for constituents that may be present based on MEC identified and/or historically used
- USACE Ordnance and Explosive Safety Specialist (OESS) field oversight
- No investigation warranted at Building 1401 Guard Shack, Small Arms Range, and Southwest Landfill.



Project Schedule

Estimated Contract Award:	26 April 2013
Draft Work Plan:	24 May 2013
Draft Final Work Plan:	7 June 2013
Final Work Plan:	5 July 2013
Field Work Begins:	2 August 2013
Field Work Complete:	6 September 2013



Questions?

A wide-angle photograph of a mountain landscape. The foreground is a grassy field with some red and orange flowers. In the middle ground, there is a dense forest of evergreen trees. In the background, there are rolling mountains under a blue sky with white clouds. Several people are visible in the distance, walking or standing on the grassy slope.

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Remarks from Stakeholders

- **ADEC**
- **ADOT**
- **City of Galena**
- **Louden Tribal Council**
- **Galena School**
- **USFWS**
- **BLM**
- **Gana-A 'Yoo**



Q&A

■ Questions?



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Closing Remarks

- **Schedule of future RAB meetings**
 - **3rd Wednesday of April and October**
 - **Next RAB meeting: Wednesday Oct. 16, 2013**
 - **Conflicts?**
- **Galena Community Relations Plan (2012) available on back table**



Contact Information

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