



**24 July 2012  
Kickoff Meeting  
at  
Reno Air National Guard Base  
for  
Delivery Order 0197  
Preliminary Assessment / Site Investigation  
at Multiple Air National Guard Installations  
Compliance Restoration Program  
North Western Region 4**

**Meeting Attendees**

Mr. Michael Kubatz, NGB/A7OR  
Lt Col Kevin Knuf, Base Environmental Manager (EM)  
Ms. Sylvia Beck, Real Property Manager  
Ms. Alison Oakley, Nevada Department of Environmental Protection (NDEP)  
Mr. Tom Barzyk, BB&E  
Mr. Matt Vest, SAIC Technical Lead  
Mr. Mark Kidder, SAIC Program Manager (via telephone)  
Ms. Jill Kovalchik, SAIC Task Manager (via telephone)

A copy of the sign-in sheet is provided as Attachment A.

**Meeting Minutes**

The meeting began with introductions at approximately 0900 PDT.

Mr. Michael Kubatz (NGB/A7OR) presented the slides included as Attachment B.

Mr. Matt Vest (SAIC) presented the slides included as Attachment C.

The following comments arose during the kickoff presentation:

- Slide 2: Mr. Thomas Barzyk (BB&E) indicated that Mr. Aaron Etnyre (BB&E) is still the primary contact from the company for work at Reno ANGB; however, Mr. Barzyk is Mr. Etnyre's backup.
- Slide 8: Lt Col Kevin Knuf (Base EM) explained that the Vehicle Maintenance Shop is undergoing demolition in July/August. The pre-con meeting was held the week before this project kickoff.
- Slide 9: Ms. Alison Oakley (NDEP) commented that there may not be a need for three locations to determine a groundwater gradient as there are a lot of wells available from the IRP. Hydraulic gradient information may be readily available.
- Ms. Oakley also noted that the geology is very cobbly; Matt Vest replied that SAIC may propose use of a mini-sonic rig.

- Ms. Oakley indicated that NDEP has issued new criteria in a constituent closure table. She stated that although NDEP uses total petroleum hydrocarbons (TPH) as a trigger, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) are used for closure criteria. Ms. Oakley offered to email this table to Ms. Jill Kovalchik (SAIC).
- Ms. Oakley also stated that NDEP may have background data available for metals in the region. *\*Following the meeting, Ms. Oakley researched the issue and was unable to locate any background information for the Reno area.*

The meeting ended at approximately 1000 PDT.

The following parties performed site walks at the subject AOCs: Mr. Tom Barzyk, Mr. Michael Kubatz, Ms. Sylvia Beck, and Mr. Matt Vest.

Key items discussed during the site walks follow:

- Team members will need to discuss how to best approach sampling at the confirmed underground storage tank (UST) in-place at Building 56 (still with fuel) and a likely UST in-place at Building 72. SAIC could do proposed borings with the tanks in place, though edges of tanks would need to be accurately located first. Removal of these tanks should be programmed via other contract mechanisms.
- An oil/water separator (OWS) at Building 13 should be programmed for removal and investigation. This OWS is not included in the CRP list (SAIC scope); it should be confirmed whether the OWS is being removed as part of the Building 13 demolition.
- An OWS between Buildings 74 and 84 appears to be part of the aircraft washrack on SAIC's list of AOCs. It appears that this OWS is no longer in service, but this will need to be confirmed. If no longer in service, this OWS should be programmed for removal, sampling, etc. It is unclear whether this should be considered part of the aircraft washrack currently listed as an AOC.

A fairly exhaustive search of Base Civil Engineering historical drawings and aerials was also conducted.

**ATTACHMENT A**  
**ATTENDEE SIGN-IN SHEET**

# Project Kickoff Meeting

Project: PA/SI at Multiple Air National Guard Installations  
 Compliance Restoration Program  
 North Western Region 4

Date: 24-Jul-12

Time: 9:00 am local

Place/Room: Reno ANGB, Nevada

PRINT NAME	ORGANIZATION	TITLE	PHONE	EMAIL
1. <i>Math Vest</i>	<i>SAIC</i>	<del>PM</del> <i>Tech Lead</i>	<i>606-495-5149</i>	<i>Matthew.b.vest@saic.com</i>
2. <i>Alison Oakley</i>	<i>NDEP</i>	<i>Envl Scientist</i>	<i>775-607-9396</i>	<i>aoakley@ndep.nv.gov</i>
3. <i>Sylvia Beck</i>	<i>IS2AW/KERP</i>	<i>Real Property Manager</i>	<i>788-4541</i>	<i>Sylvia.Beck@ang.af.mil</i>
4. <i>Tom Balzyk</i>	<i>BBTE, LLC</i>	<i>PM</i>	<i>248-489-9636 x302</i>	<i>tbalzyk@bbte.com</i>
5. <i>Michael Kubatz</i>	<i>WATER</i>	<i>PM</i>	<i>240-612-8162</i>	<i>michael.kubatz@ang.af.mil</i>
6. <i>Kevin Knuf</i>	<i>IS2 ENV</i>	<i>ENVIRONMENTAL MANAGER</i>	<i>775-788-4503</i>	<i>Kevin.Knuf@ANG.AF.MIL</i>
7. <i>Jill Kovalchik (via telecon)</i>	<i>SAIC</i>	<i>Task Manager</i>	<i>805-481-4798</i>	<i>jill.m.kovalchik@saic.com</i>
8. <i>Mark Kidder (via telecon)</i>	<i>SAIC</i>	<i>Project Manager</i>	<i>805-481-4095</i>	<i>mark.e.kidder.jr@saic.com</i>
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**ATTACHMENT B**  
**COMPLIANCE RESTORATION PROGRAM PRESENTATION**

# KICKOFF MEETING

## COMPLIANCE RESTORATION PROGRAM (CRP) PRELIMINARY ASSESSMENT/SITE INVESTIGATION (PA/SI)



Michael Kubatz  
ANG Restoration Program Manager



## COMPLIANCE RESTORATION PROGRAM (CRP)

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- Sites previously excluded by the Defense Environmental Restoration Program (DERP)
- Sites identified regardless of date
- Eligible for funding from the Environmental Restoration Account



## COMPLIANCE RESTORATION PROGRAM (CRP)

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### ANG Approach to the CRP

- ANG looked at all 177 installations
- Records reviews done at all installations
  - Previous IRP Preliminary Assessments, EBSs, aerial photos, UST records, maps, etc.
- Site visits have been completed at most
- Performance Based Contract (PBC) approach on a regional basis

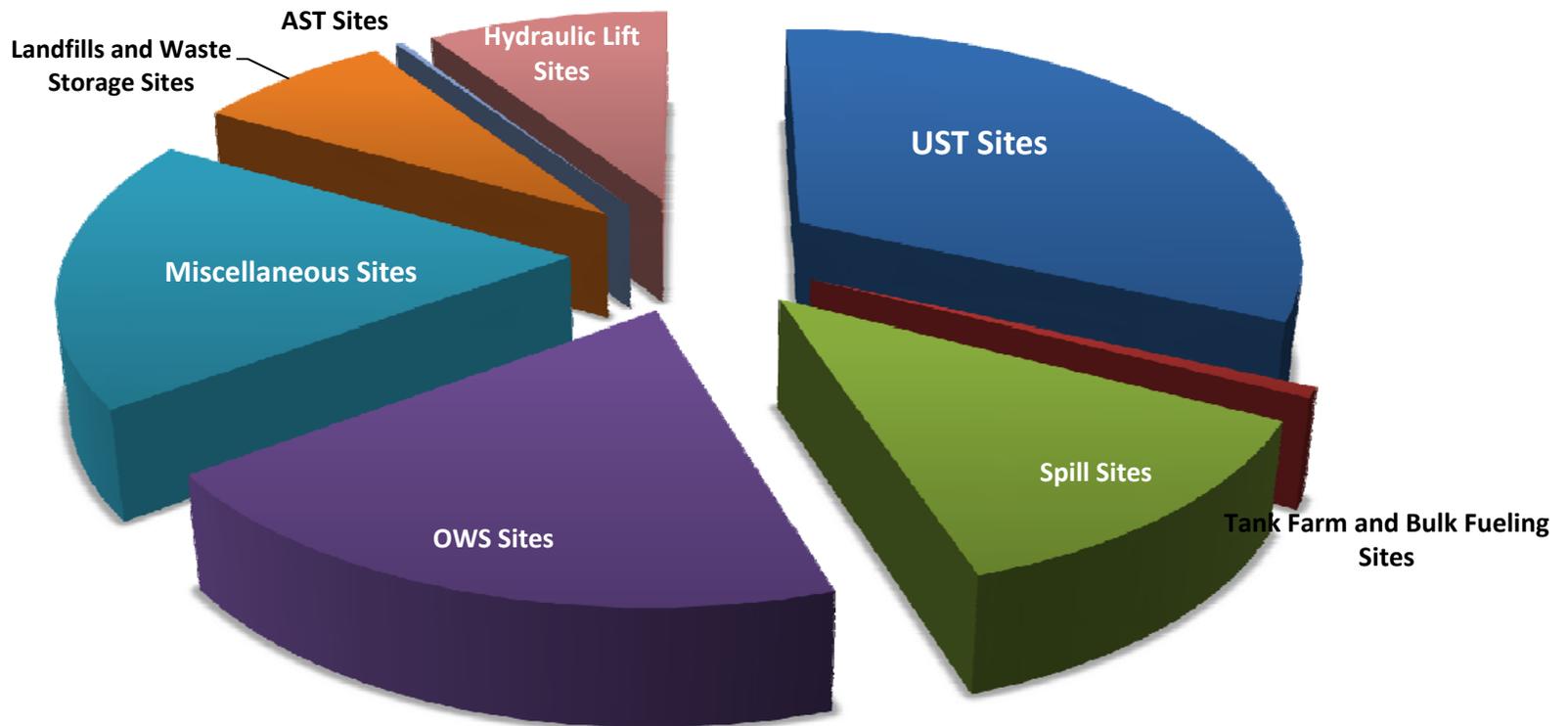


# COMPLIANCE RESTORATION PROGRAM (CRP)

## Results of Preliminary Assessments

Type	Amount	Percentage
Underground Storage Tanks	200	39%
Oil Water Separator	106	21%
Other	41	8%
Spill Site Area	41	8%
Storage Area	21	4%
Wash Rack	23	4%
Disposal Pit/Dry Well	14	3%
Drainage Ditch	17	3%
Surface Disposal Area	12	2%
Leach Field	10	2%
Surface Runoff	10	2%
POL (Petroleum/Oil/Lubricants) Lines	9	2%
Fire/Crash Training Area	5	1%
Underground Tank Farm	3	1%
TOTAL	512	

## Round Up the Usual Suspects Results of the PAs so far





# General Contract Information

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- Contract DAHA92-01-D-0008, Delivery Order 0197
  - EESOH-MIS Project #: ANG2012NWESTCRP
- Period of Performance
  - 10 May 2012 – 9 May 2014 (24 months)
  - COR: Stan Moore
  - CO: Joshua Blow
  - ANG PM: Michael Kubatz



# Performance Based Contract

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- Statement of Objectives
  - No Further Action (NFA) decision with regulatory concurrence
  - Determine presence of contamination and identify the Data Quality Objectives (DQOs) required for conducting follow on Remedial Investigation



# Modifications

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- All changes to the contract Delivery Order will be done through the Contracting Officer (CO)
- COR will work with the CO to implement modification
- Modifications can be initiated by the COR, the CO or submitted by the Contractor to the CO
- If the base has problems with the contractor, contact the COR



# Performance Milestones

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- Kickoff Meetings
  - ANGRC, Joint Base Andrews, Maryland
  - Reno, Nevada
- Quality Control Plan
- Submit Monthly Progress Reports
- Conduct the PA/SI
- Submit base-specific Draft, Draft Final and Final PA/SI plans and reports
- Submit NFA documentation to regulators



# Additional Contract Objectives

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- Support all Public Affairs
  - Fact Sheets
  - Public Meetings
  - Newsletter articles
- Laboratory data to be submitted quarterly
  - ERPIMS submission every 70 days



# Conduct the PA/SI

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- PA Phase
  - Records reviews, storage tank closure reports and other closure documentation and interviews as appropriate
- SI Phase
  - Determine presence or absence of contamination, including appropriate sampling of all potentially affected media
- Develop a defensible NFA decision, or develop the DQOs for the follow-on Remedial Investigation



**QUESTIONS?**

**ANG CRP – *LEADING THE WAY***

**ATTACHMENT C**  
**KICKOFF MEETING PRESENTATION**



**Preliminary Assessment/Site Investigation  
at Multiple Air National Guard Installations  
Compliance Restoration Program  
North Western Region 4**

Reno ANGB Kickoff Meeting  
24 July 2012



## Team Members & Introductions

- **Air National Guard (Headquarters)**
  - Mr. Stan Moore (Contracting Officer's Representative)
  - Mr. Mike Kubatz (Program Manager)
- **Science Applications International Corporation (SAIC)**
  - Mr. Mark Kidder (Program Manager)
  - Ms. Jill Kovalchik (Task Manager)
  - Mr. Matt Vest
- **BB&E**
  - Mr. Tom Barzyk
- **152<sup>nd</sup> Airlift Wing, Nevada ANG**
  - Lt Col Kevin Knuf



# Meeting Objectives

- **Review**
  - Project Objectives
  - Existing Information
  - Preliminary Assessment (PA) Data Gaps
  - Site Investigation (SI) Field Approach
- **Plan for SI Field Activities**
  - Access
  - Schedule
  - Utility Clearances and Permits

## Project Objectives

- **Conduct PA/SIs at multiple areas of concern (AOCs).**
- **NGB/A7OR's ultimate goal is to obtain either:**
  - a No Further Action (NFA) decision with regulatory concurrence**or**
  - determine presence of contamination and
  - identify Data Quality Objectives (DQOs) required for conducting a follow-on Remedial Investigation (RI)**for each AOC.**

## Execution Plan

- **Project Kickoff**
- **Quality Control Plan (QCP)**
- **Concurrent Installation Kickoffs & PA Site Visits**
- **Base-wide PA/SI Work Plans (includes Health & Safety Plan [HASP] and Quality Assurance Project Plan [QAPP])**
- **SI Field Work**
- **Base-wide PA/SI Reports**

# Compliance Restoration Program North Western Region 4

- **48 AOCs total**
- **8 installations in 8 states**
- **AOCs include:**
  - former wash racks
  - former vehicle lifts
  - battery neutralization pits
  - oil/water separators (OWSs)
  - underground storage tanks (USTs) and associated piping
  - drop tank storage areas
  - old petroleum, oil, and lubricant (POL) yard
  - vehicle storage lot



## **Reno ANGB**

### **11 AOCs**

- **Former Hydraulic Vehicle Lift at the Vehicle Maintenance Shop (TU015)**
- **Former Fuel Oil UST at Building 72 (TU016)**
- **Fuel Oil UST at Building 56 (TU017)**
- **Former Drop Tank Storage Areas 1, 2, 3, and 4 (SA018, SA019, SA020, and SA021)**
- **Aircraft Wash Rack (RW022)**
- **Battery Neutralization Pits at Buildings 2 and 13 (TU023 and TU024)**
- **Waste Water Pretreatment Tank (TU025)**



## Reno ANGB Former Hydraulic Vehicle Lift at the Vehicle Maintenance Shop (TU015)

- A former hydraulic vehicle lift may remain in the Vehicle Maintenance Shop
- During the April 2011 site walk, access to the building was not available
- The building is undergoing demolition



## Reno ANGB

### Former Hydraulic Vehicle Lift at the Vehicle Maintenance Shop (TU015)

- 3 DPT borings
- 2 soil samples from each boring
  - Surface soil = 0 to 2 ft BGS
  - As indicated by field screening or above water table
- One groundwater sample per boring
- Analysis of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and total petroleum hydrocarbons (TPH)
- Results will be compared to current EPA Residential RSLs, MCLs, and/or background (if available)
- 3 temporary piezometers for water levels



## Reno ANGB Former Fuel Oil UST at Building 72 (TU016)

- Records review identified a former fuel oil UST at Building 72
- No information was available regarding removal of the tank
- No sampling is known to have been conducted



## **Reno ANGB**

### **Former Fuel Oil UST at Building 72 (TU016)**

- **3 DPT borings**
- **2 soil samples from each boring**
  - Surface soil = 0 to 2 ft BGS
  - As indicated by field screening or above water table
- **One groundwater sample per boring**
- **Analysis of VOCs, SVOCs, and TPH**
- **Results will be compared to current EPA Residential RSLs, MCLs, and/or background (if available)**
- **3 temporary piezometers for water levels**

## Reno ANGB Fuel Oil UST at Building 56 (TU017)

- Fuel oil UST at Building 56 is no longer in use
- No sampling is known to have been conducted



## **Reno ANGB Fuel Oil UST at Building 56 (TU017)**

- **3 DPT borings**
- **2 soil samples from each boring**
  - Surface soil = 0 to 2 ft BGS
  - As indicated by field screening or above water table
- **One groundwater sample per boring**
- **Analysis of VOCs, SVOCs, and TPH**
- **Results will be compared to current EPA Residential RSLs, MCLs, and/or background (if available)**
- **3 temporary piezometers for water levels**

## Reno ANGB

### Former Drop Tank Storage Areas 1, 2, 3, and 4 (SA018, SA019, SA020, and SA021)

- **Four locations:**
  - East of the current Jet Engine Shop
  - South of the Airport Apron
  - East of Building 130
  - North of the “Rub” Building
- **No sampling is known to have been conducted**



East of the Jet Engine Shop

# Reno ANGB

## Former Drop Tank Storage Areas 1, 2, 3, and 4 (SA018, SA019, SA020, and SA021)



East of Building 130



North of the "Rub" Building

## **Reno ANGB**

### **Former Drop Tank Storage Areas 1, 2, 3, and 4 (SA018, SA019, SA020, and SA021)**

- **3 DPT borings at each location**
- **2 soil samples from each boring**
  - Surface soil = 0 to 2 ft BGS
  - As indicated by field screening or above water table
- **One groundwater sample per boring**
- **Analysis of VOCs, SVOCs, and TPH**
- **Results will be compared to current EPA Residential RSLs, MCLs, and/or background (if available)**
- **3 temporary piezometers for water levels**

## Reno ANGB Aircraft Wash Rack (RW022)

- Documents and aerial photos indicate a former aircraft wash rack



## **Reno ANGB Aircraft Wash Rack (RW022)**

- **3 DPT borings**
- **2 soil samples from each boring**
  - Surface soil = 0 to 2 ft BGS
  - As indicated by field screening or above water table
- **One groundwater sample per boring**
- **Analysis of VOCs, SVOCs, and metals**
- **Results will be compared to current EPA Residential RSLs, MCLs, and/or background (if available)**
- **3 temporary piezometers for water levels**

## Reno ANGB

### Battery Neutralization Pits at Buildings 2 and 13 (TU023 and TU024)

- Battery neutralization pits are present in Buildings 2 and 31 (the Vehicle Maintenance Shop) but are no longer in use
- Both pits are reportedly connected to a floor drain in the battery shop
- The Vehicle Maintenance Shop is undergoing demolition



Battery Neutralization Pit at Building 2

## **Reno ANGB**

### **Battery Neutralization Pits at Buildings 2 and 13 (TU023 and TU024)**

- **3 DPT or hand auger borings**
- **2 soil samples from each boring**
  - Surface soil = 0 to 2 ft BGS
  - As indicated by field screening or above water table
- **X-ray fluorescence (XRF) field screening for metals**
- **Laboratory analysis of lead**
- **Results will be compared to current EPA Residential RSLs, MCLs, and/or background (if available)**

## Reno ANGB Waste Water Pretreatment Tank (TU025)

- Large pretreatment tank was located near the former aircraft wash rack
- Tank was used to pre-treat wastewater from the wash rack and photo processing activities
- No known sampling has been conducted



## **Reno ANGB Waste Water Pretreatment Tank (TU025)**

- **3 DPT borings**
- **2 soil samples from each boring**
  - Surface soil = 0 to 2 ft BGS
  - As indicated by field screening or above water table
- **One groundwater sample per boring**
- **Analysis of VOCs, SVOCs, and metals**
- **Results will be compared to current EPA Residential RSLs, MCLs, and/or background (if available)**
- **3 temporary piezometers for water levels**

## **Reno ANGB Schedule**

- **Installation Kickoff and PA Visit – July 24, 2012**
- **Base-wide Work Plan – Summer 2012**
- **SI Field Activities – Fall 2012 or Spring 2013**



# Reno ANGB Base Coordination

- Access
- Schedule
- Base Maps
- Utility Clearance
- Other Permits?
  - XRF



# Discussion

Comments/Questions?

