



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
FORT WORTH DISTRICT, CORPS OF ENGINEERS
P. O. BOX 17300
FORT WORTH, TEXAS 76102-0300

FORT WORTH DISTRICT
U.S. ARMY CORPS OF ENGINEERS
CESWF-PER-D

30 November 2012

SUBJECT: Action No. SPA-2011-00548-ABQ, Fort Wingate, Dry Lake Soil Sampling, South Fork Rio Puerco Tributary, McKinley County, NM

Mr. William Oberle
Albuquerque District, U.S. Army Corps of Engineers
4101 Jefferson Plaza NE
Albuquerque, NM 87109-3435
505-342-3284
FAX 505-344-1514

Dear Mr. Oberle:

A contractor for the Fort Worth District will be obtaining several soil samples from numerous small diameter holes in the bottom of a dry lake bed formerly known as Lake Knudson at Fort Wingate. Samples will be taken by hand tools, small power tools, or small equipment at the contractor's discretion to a depth of one foot. Excess soil will be placed back in the hole. See the attached maps for more information. Fifty of these holes will be taken in each green box on Figure 5-3 and one at each blue dot. Sampling is being performed under an NMED approved work plan under a RCRA Permit. Lake Knudson is known as Area of Concern (AOC) 53 in the work plan.

Work plans for the activity have been reviewed by the Navajo Nation and Pueblo of Zuni. They had 60 days to review document. This consultation occurred between February 21 and April 23 2012 and neither tribe provided comments. The NMED approved the work plans on July 26, 2012. In addition, the Army provided the SHPO and both tribes cultural consultation (30 day review time) on the approved work plans. The Zuni concurred. The SHPO and Navajo did not comment within the review window, implying concurrence. There are no documented cultural sites in Lake Knudson. These reviews were performed under Fort Wingate's Programmatic Agreement with both tribes and the SHPO as signatories. Fort Wingate's standard procedure is avoidance of cultural sites.

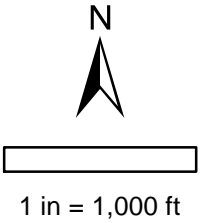
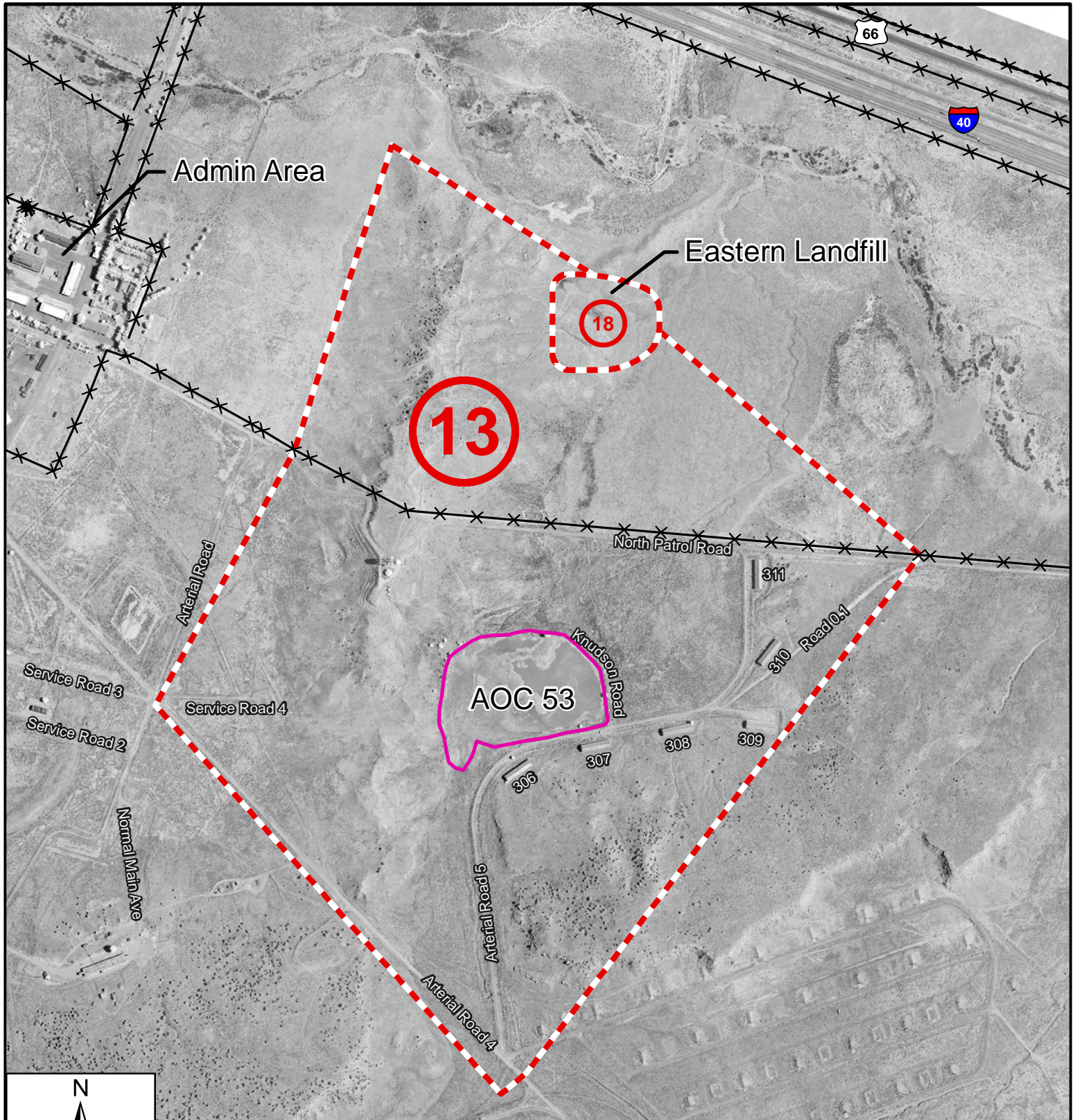
The lake once held water while the depot was active. In order to have enough water to maintain the lake level, water was diverted from an arroyo to the east. However, Fort Wingate closed in 1993 and since then the diversion structure has failed causing the lake to dry up. The lake has not held water in several years. In addition, the water tanks on the nearby bluff used to supply overflow water to the lake. See the attached photo. However, they were demolished earlier this year. Therefore, the lake is expected to remain dry and we are considering this to be isolated from water bearing surface features.

We are seeking authorization for this work under Nationwide Permit 6 for Survey Activities. We plan to execute this work in mid-2013. We received approval for this effort last year but due to the lengthy review time at NMED and the March 2012 Nationwide Permit expiration we ran out of time. See the attached letter. If you have any questions concerning this project, please contact me at 817-886-1879 or by e-mail at Steve.W.Smith@usace.army.mil.

Encls



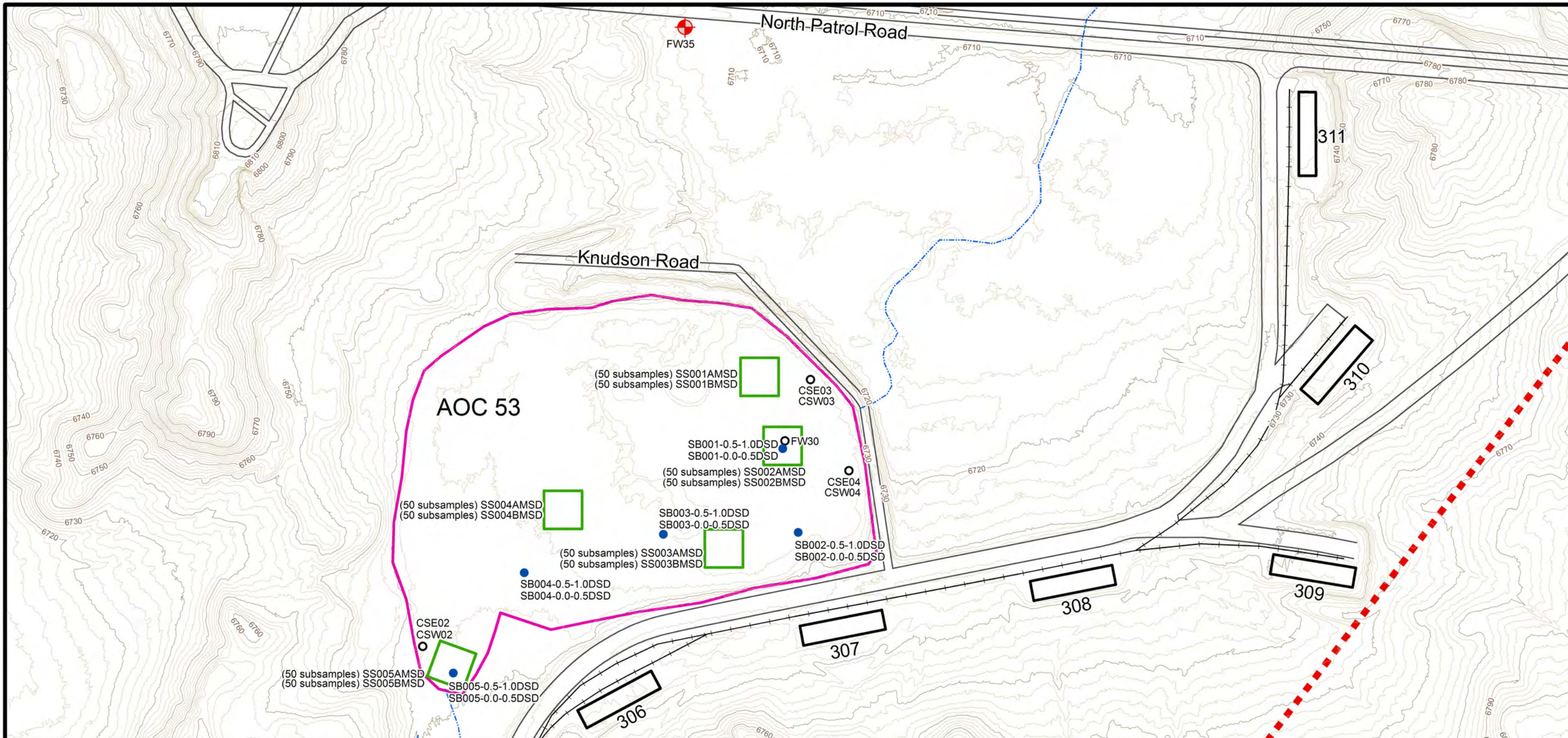
STEVEN W. SMITH, P.E.
Fort Wingate Program Manager



Legend	
	FWDA Boundary
	AOC Boundary
	Parcel Number
	Parcel Boundary
	FWDA Fence

Source:
2009 CIR Aerial Photograph

<p>U.S. ARMY CORPS OF ENGINEERS FORT WORTH DISTRICT</p>	DWN BY: SFW CHK'D BY: JHD DATUM: NAD 1983 PROJECTION: NM STATE PLANE SCALE: 1:12,000	FORT WINGATE DEPOT ACTIVITY PARCEL 13 RFI WORK PLAN	DATE: FEBRUARY 2012 PROJECT NO.: 912640002.0002.01 FIGURE NO.:
	<p>AMEC ENVIRONMENT & INFRASTRUCTURE, INC. </p>	LOCATION MAP FOR AOC 53	<p style="text-align: right;">5-1</p>



Legend

- Parcel Boundary
- AOC Boundary
- Existing Building
- Multi-Incremental Decision Unit (100'x100')
- Proposed Discrete Sampling Locations
- Previous Sample Location
- Monitor Well and ID
- Road
- Railroad
- Arroyo
- 10-ft contour
- 2-ft contour

13 53 LK SS001AMSD
Parcel AOC Site Unique sample #
ID shown on figure

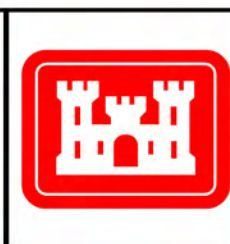
Sample Identification

13 53 LK SB001-0.0-0.5DSD
Parcel AOC Site Unique sample # shown on figure
ID

Sample Identification

N

1 inch = 250 feet



**U.S. ARMY CORPS OF ENGINEERS
 FORT WORTH DISTRICT**

AMEC Environment & Infrastructure, Inc.



DWN BY: SFW
 CHK'D BY: JHD
 DATUM: NAD 1983
 PROJECTION: NM STATE PLANE
 SCALE: 1:3,000

**FORT WINGATE DEPOT ACTIVITY
 PARCEL 13 RFI WORK PLAN**

**PROPOSED SAMPLING LOCATIONS,
 AOC 53, LAKE KNUDSON**

DATE: FEBRUARY 2012
 PROJECT NO.: 912640002.0002.01
 FIGURE NO.: **5-3**

1

PHOTOGRAPHS



2

3

Photograph 5-1 Lake Knudson, Facing Northwest