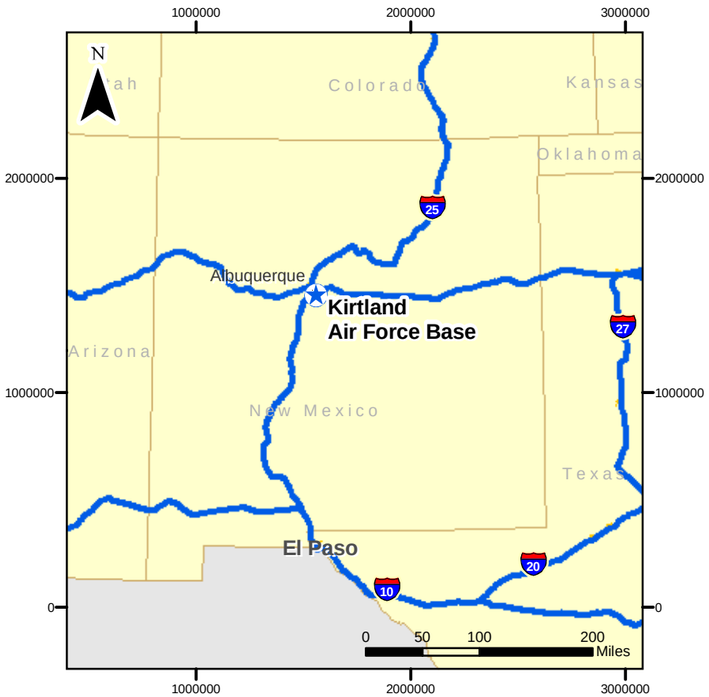
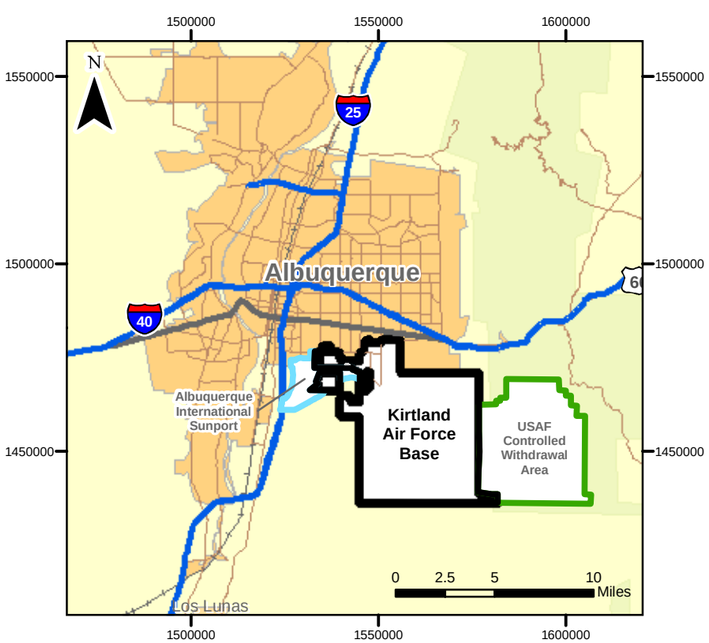
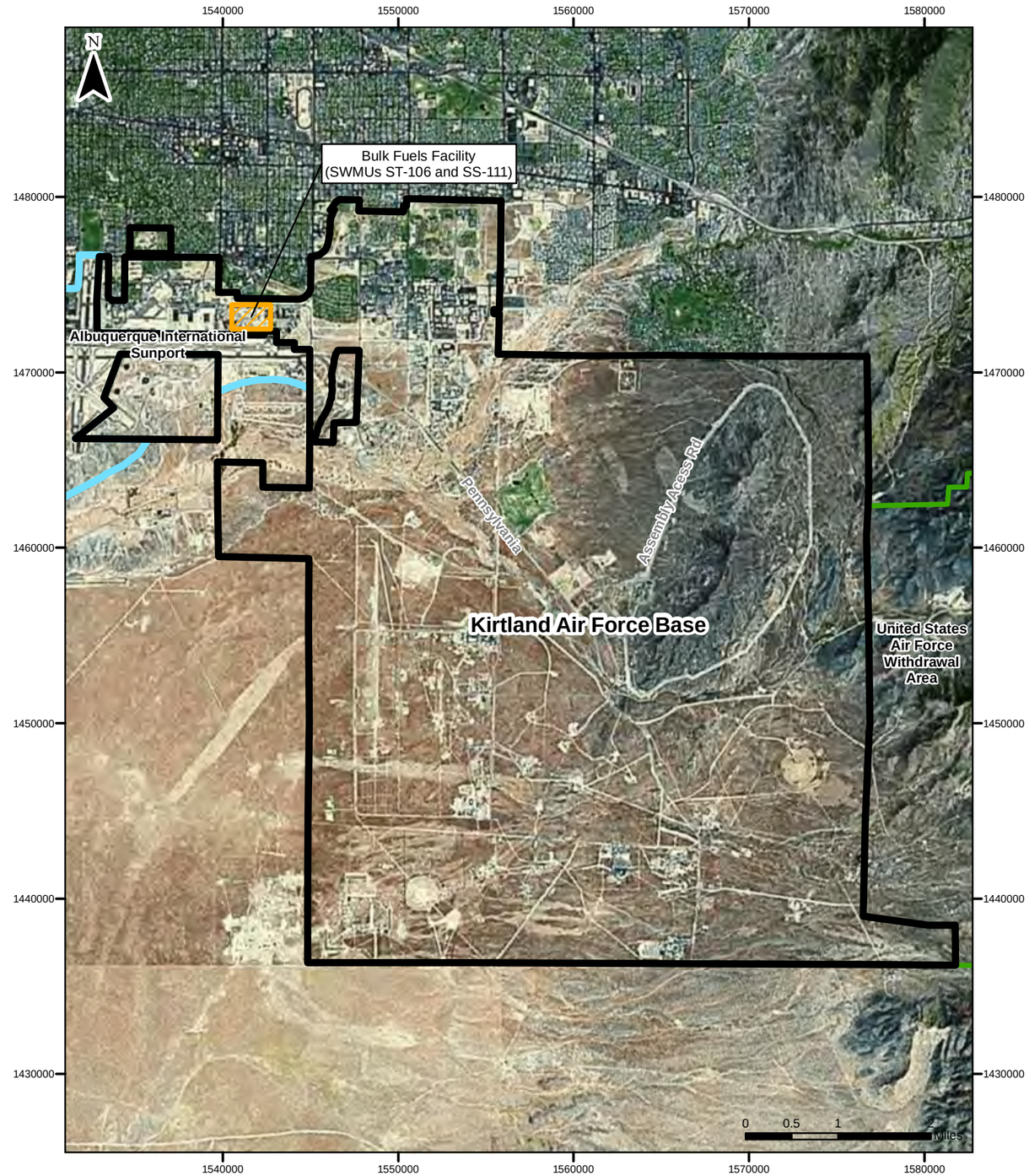


State Map



Local Area Map



Kirtland AFB Area Map

- Bulk Fuels Facility (SWMUs ST-106 and SS-111)
- State Boundary
- Urban Area
- Installation Location
- Kirtland Air Force Base Installation Boundary
- Albuquerque_Intl_Sunport
- United States Air Force Withdrawal Area
- Limited Access
- Highway
- Major Road

Projection : NAD_1983_StatePlane_New_Mexico_Central_FIPS_3002_Feet

BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 1-1

SITE LOCATION MAP

Generated By: MDH Date: 10/19/10 File Path:D:\GISDATA\Kirtland\GIS_Documents\project_maps\Kirtland_010_Fig_1-1_Site_Location_InterimWP.mxd

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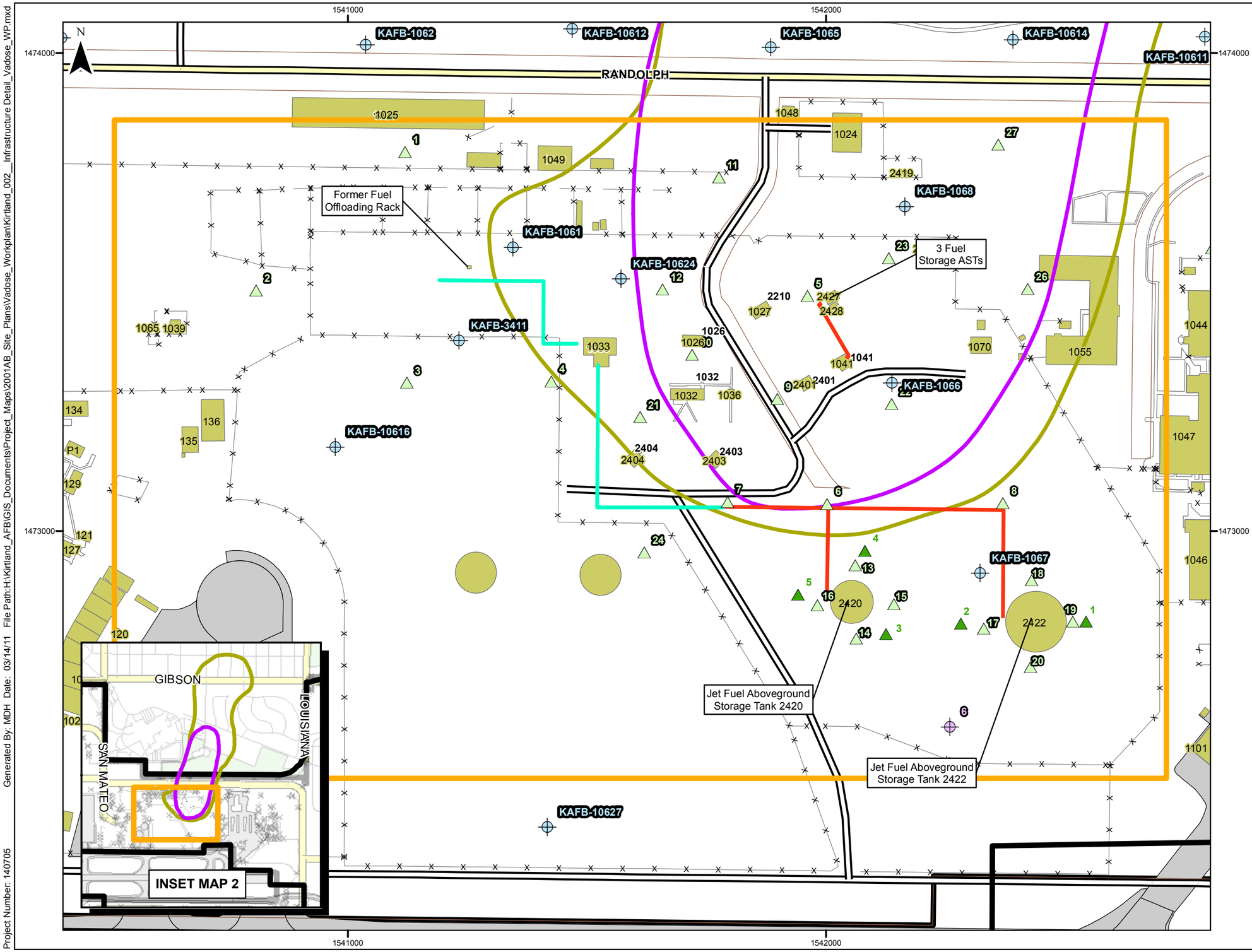

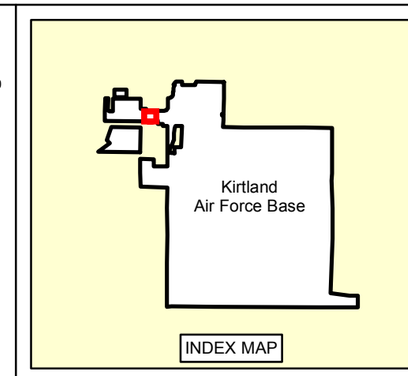

Borehole Locations for Soil Sampling and for Conversion to Soil-Vapor Monitoring Wells (Labeled with ID provided by NMED)

Locations for Shallow Soil Borings in Tank Farm Area (Labeled with ID provided by NMED)

Proposed Soil-Gas Monitoring Wells (Labeled with ID provided by NMED)

Existing Monitoring Well

Aboveground Fuel Transfer Lines

Underground Fuel Transfer Lines

Bulk Fuels Facility (SWMUs ST-106 and SS-111)

Estimated Extent of LNAPL

Estimated Extent of Dissolved Phase Contaminant Plume

Installation Boundary

Fence

Interstate

Major Road

Road

Parcels

Structure

Structure (other)

Runway

Bridge

Sidewalk

*Park

Installation Boundary

0 100 200 Feet

1 Inch = 200 ft

Projection : NAD_1983_StatePlane_New_Mexico_Central_FIPS_3002_Feet

BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 1-2

SOURCE AREA AND INFRASTRUCTURE

Project Number: 140705 Generated By: MDH Date: 03/14/11 File Path:H:\Kirtland_AFB\GIS_Documents\Project_Maps\2001AB_Site_Plans\Vadose_Workplan\Kirtland_002__Infrastructure Detail_Vadose_WP.mxd

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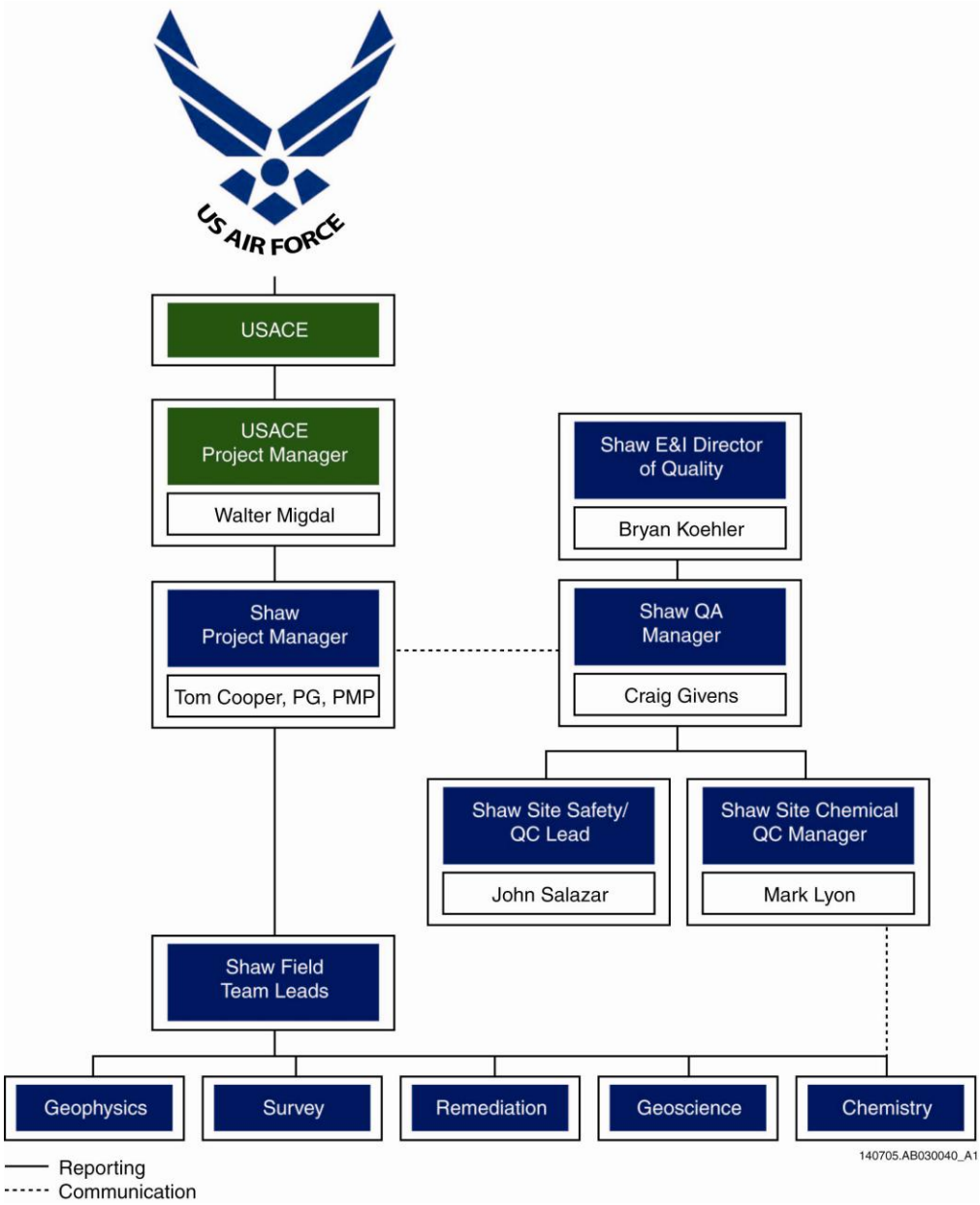
Figure 2-1. Quality Assurance Organization



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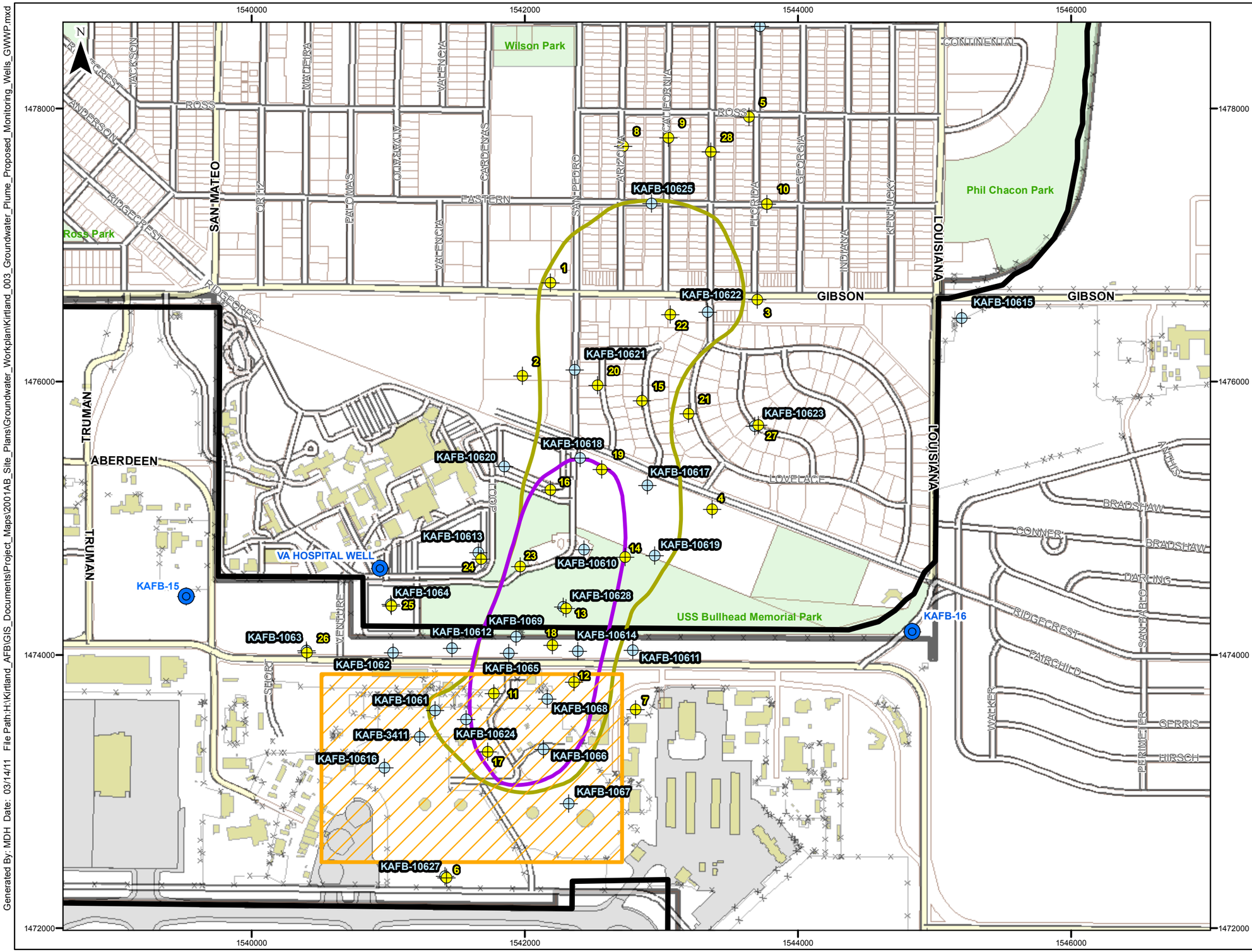

BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 2-2

GROUNDWATER PLUME EXTENT AND EXISTING AND PROPOSED MONITORING WELLS

Generated By: MDH Date: 03/14/11 File Path:H:\Kirtland_AFB\GIS_Documents\Project_Maps\2001AB_Site_Plans\Groundwater_Workplan\Kirtland_003_Groundwater_Plume_Proposed_Monitoring_Wells_GWWP.mxd

Project Number: 140705

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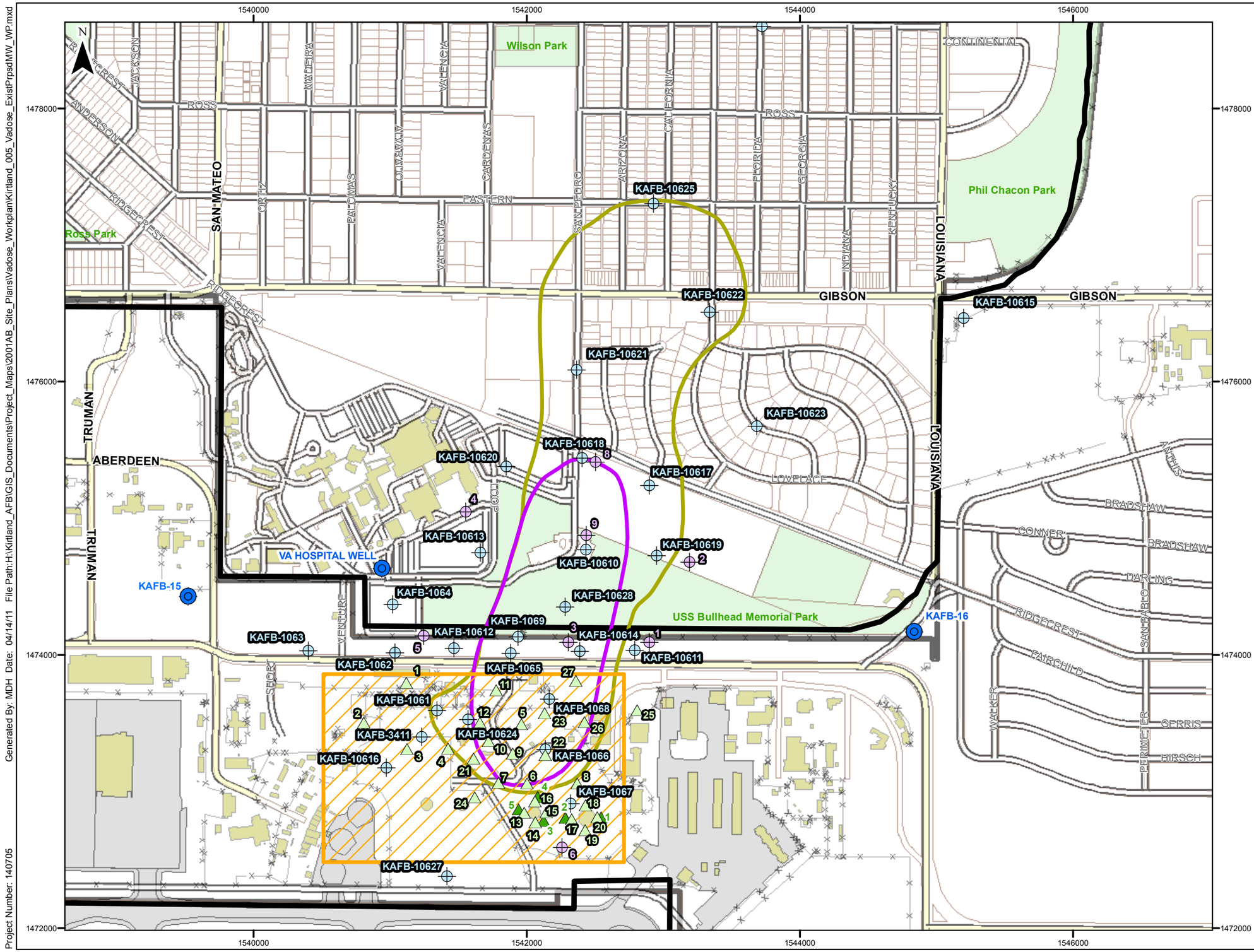

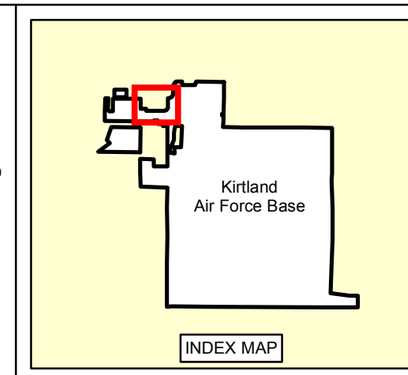

- Borehole Locations for Soil Sampling and for Conversion to Soil-Vapor Monitoring Wells (Labeled with ID provided by NMED)
- Locations for Shallow Soil Borings in Tank Farm Area (Labeled with ID provided by NMED)
- Proposed Soil-Gas Monitoring Wells (Labeled with ID provided by NMED)
- Water Well/Monitoring Well
- Existing Monitoring Well
- Bulk Fuels Facility (SWMUs ST-106 and SS-111)
- Estimated Extent of LNAPL
- Estimated Extent of Dissolved Phase Contaminant Plume
- Installation Boundary
- Fence
- Interstate
- Major Road
- Road
- Parcels
- Structure
- Structure (other)
- Runway
- Bridge
- *Park
- Installation Boundary

0 500 1,000 Feet

1 Inch = 700 ft

Projection : NAD_1983_StatePlane_New_Mexico_Central_FIPS_3002_Feet

BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 2-3

VADOSE ZONE
EXISTING AND PROPOSED MONITORING WELLS

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Project Number: 140705

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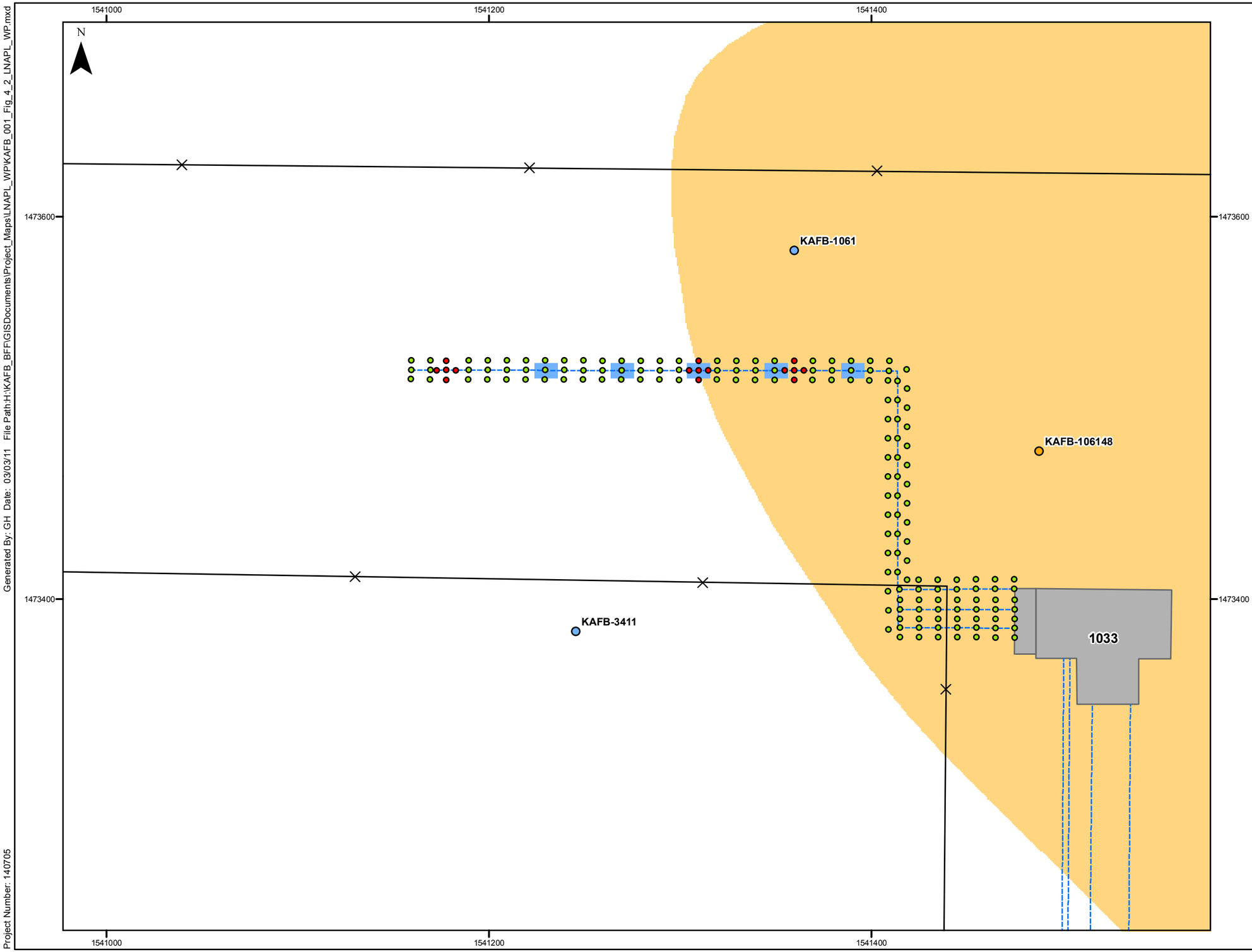

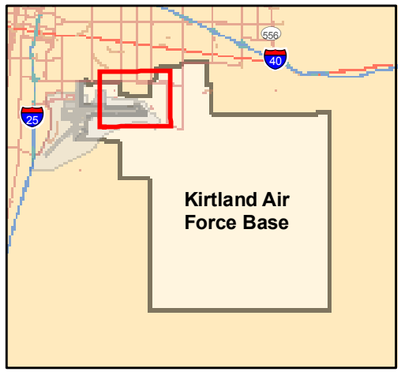

- Suspected Leak Location Samples - 5 ft nodes
- Proposed Soil Sample Locations - 10 ft spacing
- Pneulog Well Location
- Existing Groundwater Monitoring Well
- Fence
- Former Fuel Transfer Lines
- Structures
- Former Fuel Transfer Stations
- Estimated Extent of Dissolved Phase Contaminant Plume

Note:
169 soil samples total.

0 50 100 Feet
1 Inch = 50 ft
Projection : NAD_1983_StatePlane_New_Mexico_Central_FIPS_3002_Feet

BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 2-4

FORMER FUEL OFFLOADING RACK TO PUMP HOUSE SOIL INVESTIGATION AREAS

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Project Number: 140705

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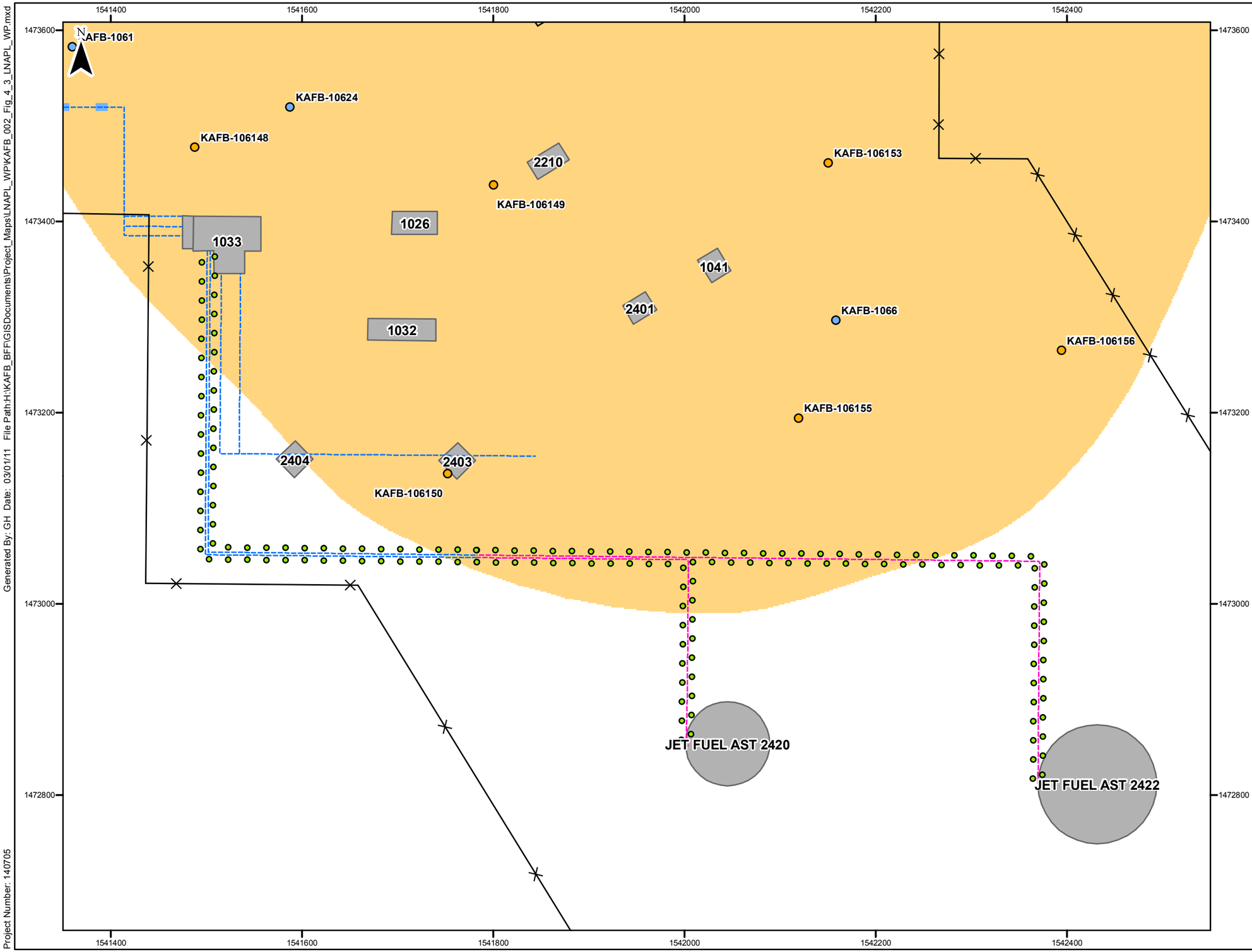

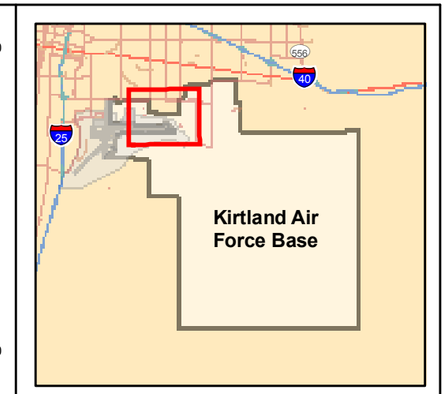

Proposed Soil Sample Locations - 20 ft spacing

Existing Groundwater Monitoring Well

Pneulog Well Location

Fence

Fuel Transfer Lines

Aboveground Fuel Transfer Lines

Structures

Fuel Transfer Stations

Estimated Extent of Dissolved Phase Contaminant Plume

Note:
164 soil samples total.

0 100 200 Feet

1 Inch = 50 ft

Projection : NAD_1983_StatePlane_New_Mexico_Central_FIPS_3002_Feet

BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 2-5

PUMP HOUSE AND UNDERGROUND PIPE SOIL INVESTIGATION AREAS

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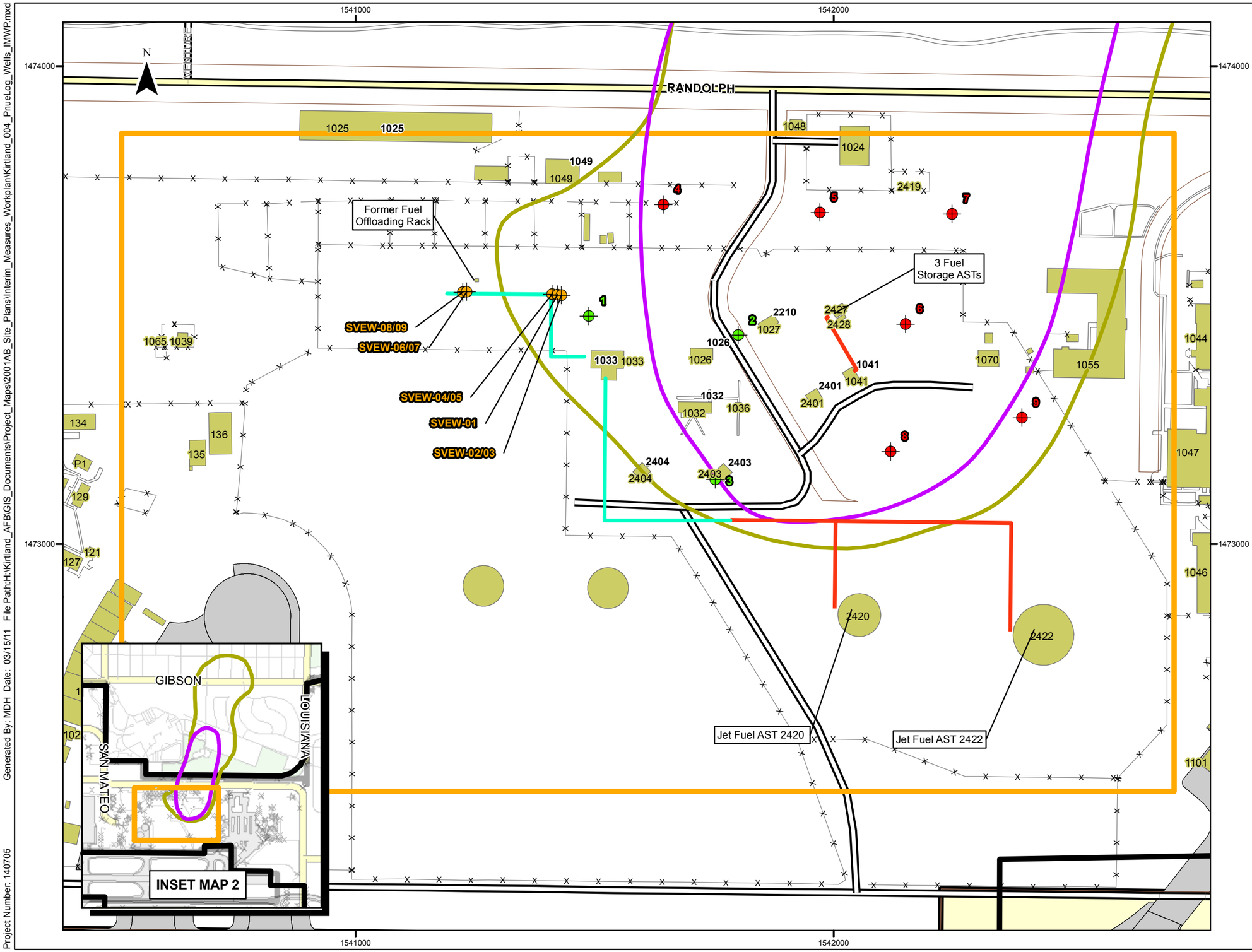

INTERIM MEASURES WORK PLAN
BULK FUELS FACILITY SPILL
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 2-6

LOCATION OF PNEULOG WELLS

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