

**Draft-Final Proposed Plan for
Installation Restoration Program - Site 1
133rd Test Squadron
Iowa Air National Guard
Fort Dodge Municipal Airport – Fort Dodge, Iowa**



CON: 12-15
Doc # 23805

**Air National Guard Announces
Proposed Plan**

This Proposed Plan presents the Preferred Alternative of No Further Action for the assessment of potential soil and groundwater contamination at the Installation Restoration Program (IRP) Site 1 located at the IANG, 133rd Test Squadron (TS) at the Fort Dodge Municipal Airport in Fort Dodge, Iowa. This Proposed Plan provides the rationale for selection of No Further Action as the Preferred Alternative. In addition, this Proposed Plan includes a summary of investigation and cleanup activities conducted at IRP Site 1.

This document is issued by the IANG, the lead agency for site activities, and the Iowa Department of Natural Resources (IDNR), the regulatory agency. IANG, in consultation with IDNR, has concluded no further actions are required at the IRP Site 1. Although this Proposed Plan recommends No Further Action for IRP Site 1, a final determination will not be made until the public comment period ends and all comments are reviewed and addressed. The No Further Action decision may be reviewed and modified in the future if new information becomes available which indicates the presence of contamination or exposure routes that cause an unacceptable risk to human health or the environment. Therefore, the public is encouraged to review and comment on information presented in this Proposed Plan.

The IANG is issuing this Proposed Plan as part of its public participation responsibilities under Section 117 (a) of the Comprehensive Environmental Response, Compensation and

MARK YOUR CALENDARS

PUBLIC COMMENT PERIOD:

[BEGIN DATE – END DATE]

The Iowa Air National Guard (IANG) will accept written comments on the Proposed Plan during the public comment period. Comment letters must be postmarked by **[DATE]** and should be submitted to:

Mr. Robert Santee, Environmental Manager
Iowa Air National Guard
2920 Headquarters Ave.
Sioux City, IA 51110-1300

Email: Robert.santee@ang.af.mil

Fax: (712) 233-0318

To request an extension, send a request in writing to Mr. Robert Santee by **[TIME, DATE]**.

PUBLIC MEETING:

[TIME, DATE]

The IANG will hold a public meeting to explain the Proposed Plan and the Preferred Alternative of No Further Action. Oral and written comments will also be accepted at the meeting. The meeting will be held at:

Fort Dodge Main Public Library
424 Central Avenue
Fort Dodge, Iowa

For more information, see the Information Repository at the following locations:

Fort Dodge Main
Public Library
424 Central Avenue
Fort Dodge, Iowa
(515) 573-8167

Hours: Mon. – Fri.,
8:30 a.m. to 5:30 p.m.

Iowa Department of
Natural Resources
Wallace Building
502 East 9th Street
Des Moines, Iowa
(515) 281-5918

Hours: Mon. – Fri.,
8:00 a.m. to 4:30 p.m.

Liability Act (CERCLA), 42 United States Code (USC) § 9617(a) and Section 300.430 (f)(3) of the National Oil and Hazardous Substances Pollution Contingency Plan. This Proposed Plan summarizes information that can be found in greater detail in the IRP Site 1 Project Closeout (PCO) Report for *Environmental Restoration Program Final*

Project Closeout Activities Report for ERP Site 1, 133rd Test Squadron, Fort Dodge Municipal Airport Iowa Air National Guard, Fort Dodge, Iowa dated February 2006, and other documents contained in the Information Repository file for IRP Site 1. Copies of site documents are available for review at the Fort Dodge Main Public Library, located at 424 Central Avenue, in Fort Dodge, Iowa.

The IANG and the IDNR encourage the public to review these documents, to gain an understanding of IRP Site 1 and the investigation and cleanup activities that have been conducted at IRP Site 1.



Site History and Background

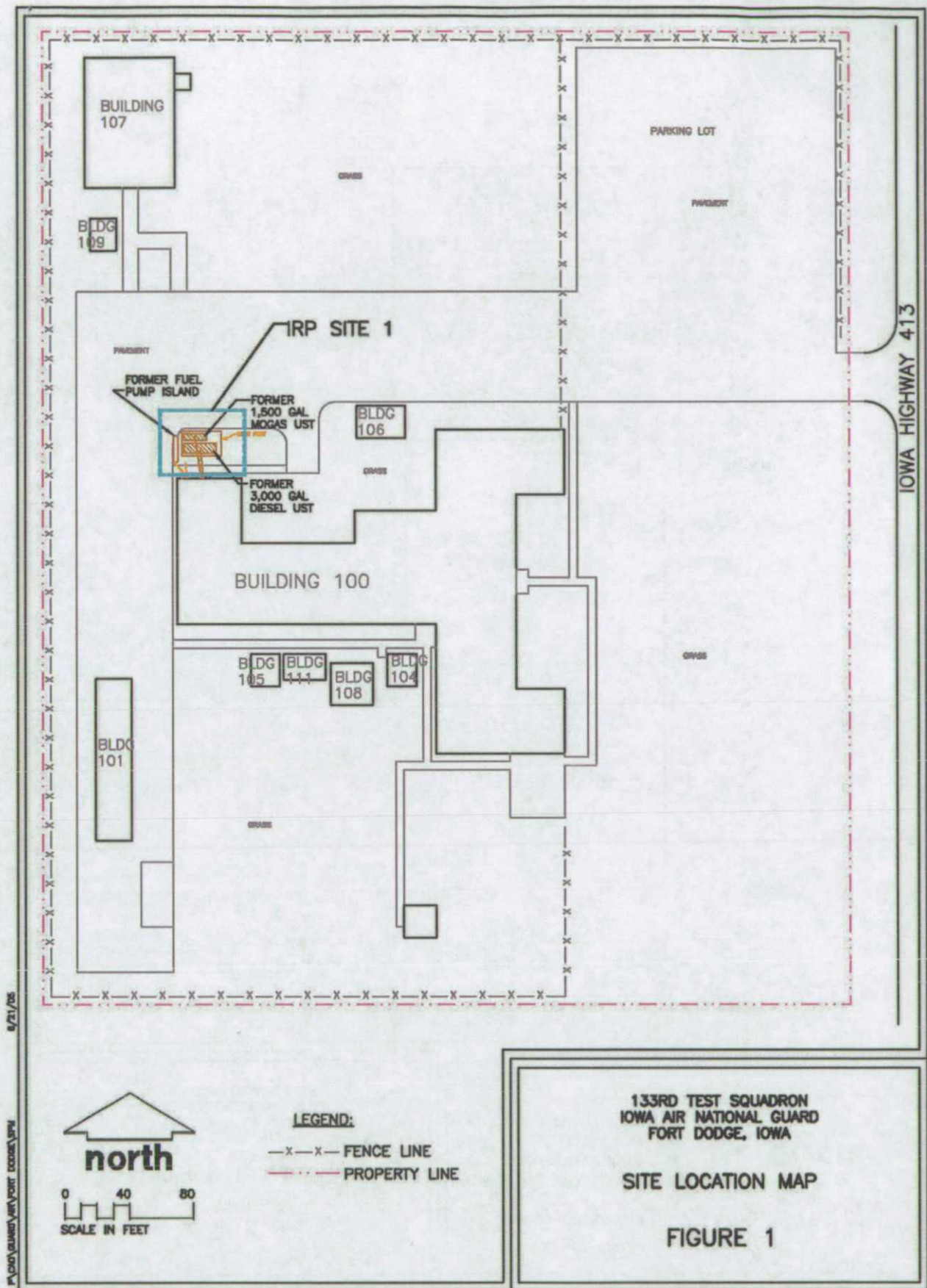
The IANG 133rd TS is located 2 miles north of the City of Fort Dodge in Webster County, Iowa at Township 89 North, Range 28 West, Section 5, shown in Figure 1. The 133rd TS occupies 8.1 acres on the east side of the Fort Dodge Municipal Airport. The approximate boundaries and buildings of the 133rd TS are shown in Figure 2. The 133rd TS was originally formed as the Aircraft Control and Warning Squadron in 1948. The 133rd TS provides ground radar and air traffic control support.

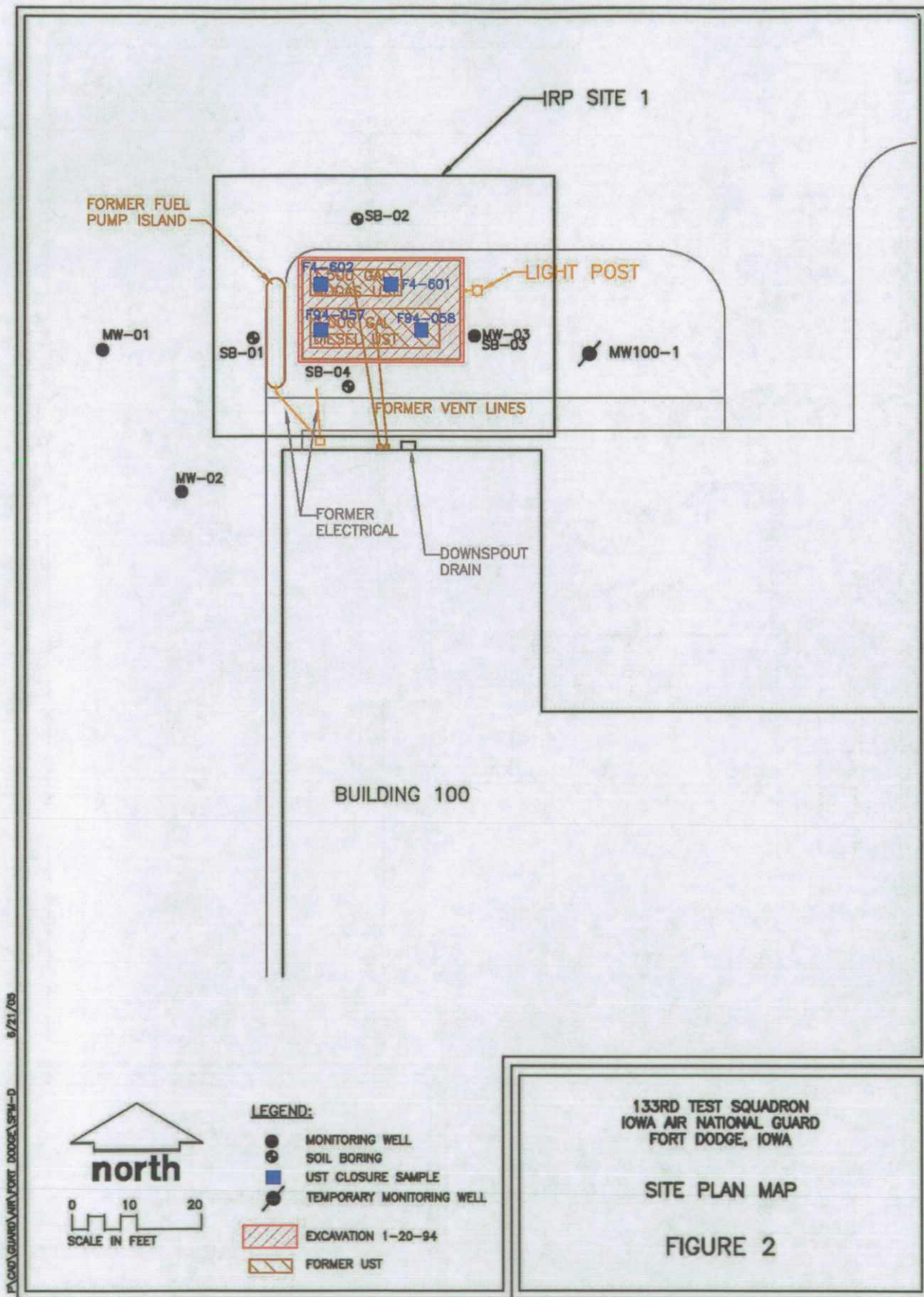
IRP Site 1 is the location of former petroleum underground storage tanks (USTs) installed near Building 100 at the 133rd TS. IRP Site 1 is the only IRP site located at the 133rd TS. A Preliminary Assessment (PA) was conducted in 1988 at the 133rd TS and no potentially contaminated sites were identified at that time. IRP Site 1 was discovered in 1991 following confirmation of a leaking diesel UST near Building 100. IRP Site 1 is currently used for vehicle parking and a storage lot, and is paved with concrete.

Site Characteristics

In June 1991, personnel of the 133rd TS discovered water entering the diesel UST and notified the IDNR of the situation. The diesel UST was emptied. As requested by the IDNR, a UST tightness-test was performed in July 1991. The product line was found to be tight, but the diesel UST had a leakage rate greater than the capacity of the test equipment to calibrate. A hole was believed to be located near the fill pipe on top of the diesel UST. The IDNR was notified of the tank tightness test failure.

A Site Assessment (SA) was completed in March 1992, which concluded the concentration of petroleum contaminants in soil and groundwater samples in the vicinity of IRP Site 1 were below the IDNR's Corrective Action Levels. A May 1992 letter from the IDNR indicated no further investigation or cleanup activities were required, pending completion of UST removal activities and proper closing of groundwater monitoring wells. The diesel UST and a second UST containing gasoline were removed in January 1994. Soil and groundwater samples collected as part of the UST removal activities had concentrations of petroleum contaminants that were below the IDNR Corrective Action Levels. The IDNR reviewed the IRP Site 1 soil and groundwater data and determined no further





action was required, as stated in a letter dated March 8, 1995. The IRP Site 1 monitoring wells were properly closed in September 2005. The IDNR confirmed the No Further Action status of IRP Site 1 in a letter dated February 21, 2006.

Scope and Role of the Action

This No Further Action will be the final action for IRP Site 1. The No Further Action is appropriate to protect public health or welfare, or the environment because soil and groundwater data indicates petroleum contaminant levels at IRP Site 1 are below the IDNR's Corrective Action Levels.

Summary of Site Risks

Available soil and groundwater data indicates petroleum contaminant levels at IRP Site 1 are below the IDNR's Corrective Action Levels. Therefore, it is the IANG's and IDNR's current judgment that the Preferred Alternative of No Further Action identified in this Proposed Plan, is appropriate to protect public health, welfare, and the environment.

Summary of Preferred Alternative

Based on existing data from IRP Site 1, the IANG believes the Preferred Alternative of No Further Action is appropriate. The IANG expects the No Further Action Preferred Alternative will satisfy the following statutory requirements of CERCLA §121(b): (1) be protective of human health and the environment; (2) comply with Applicable or Relevant and Appropriate Requirements (ARARs); (3) be cost-effective; (4) utilize permanent solutions and alternative treatment technologies or resource recovery technologies to the maximum extent practicable; and (5) satisfy the preference for treatment as a principal element.

Regulatory Participation

The IDNR has been actively participating with the IANG in the evaluation of IRP Site 1, including its discovery,

investigation, and subsequent No Further Action determination and site closure activities. Following IANG notification of the discovery of the release in June 1991, the IDNR has reviewed and approved the work plans and reports associated with the SA and well closure activities completed at IRP Site 1; and participated in a kickoff meeting for the IRP Site 1 project closeout activities. The IDNR issued a letter on May 7, 1992 announcing the No Further Action for IRP Site 1. The IDNR confirmed this No Further Action determination for IRP Site 1 in a letter dated February 21, 2006. In cooperation with the IANG, the IDNR is in mutual agreement of No Further Action as the preferred alternative.

Community Participation

The IANG and IDNR provide information regarding the cleanup of IRP Site 1 to the public through public meetings, the Information Repository file for IRP Site 1, and announcements published in the Fort Dodge Messenger News. The IANG and the IDNR encourage the public to gain an understanding of IRP Site 1 and the investigation and cleanup activities that have been conducted.

The dates for the public comment period, the date, location, and time of the public meeting, and the locations of the Information Repository files, are provided on Page 1 of this Proposed Plan.

For further information on IRP Site 1, please contact:

Mr. Robert Santee, Environmental Manager
Iowa Air National Guard
2920 Headquarters Ave.
Sioux City, IA 51110-1300
Phone: (712) 233-0688
Facsimile: (712) 233-0318
Email: Robert.santee@ang.af.mil

Glossary of Terms

Specialized terms used in this Proposed Plan are defined below:

Applicable or Relevant and Appropriate Requirements (ARARs) – The federal and state environmental laws that a selected remedy will meet. These requirements may vary among sites and alternatives.

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) – The Cleanup Program focuses on human health and environmental concerns related to human health. The Cleanup Program is primarily carried out by the U. S. Environmental Protection Agency, working with the states, on sites designated for cleanup on the National Priorities List (NPL). The Cleanup Program emphasizes local source contact and prevention of further spread from sources.

Contaminant – Harmful or hazardous matter introduced into the environment.

Corrective Action Levels – The existence of a contaminant concentration in the environment high enough to warrant action or trigger a response under the 567 Iowa Administrative Code, Chapter 135 as administered by the IDNR.

Groundwater – Underground water that fills pores in soils or openings in rocks to the point of saturation. Groundwater is often used as a source of drinking water via municipal or domestic wells.

Information Repository – All documents that are considered, or relied on, in selecting the response action at a site, culminating in the Record of Decision for remedial action or an Action Memorandum for removal actions.

Proposed Plan – A plan for a site cleanup that is available to the public for comment.

Risk – A measure of the probability that damage to life, health, property, and/or the environment will occur as a result of a given hazard.

Your input on the Proposed Plan for IRP Site 1 is important to the IANG. Comments provided by the public are valuable in helping the IANG select a final cleanup remedy for the site.

**Mr. Robert Santee, Environmental Manager
Iowa Air National Guard
2920 Headquarters Ave.
Sioux City, IA 51110-1300
Phone: (712) 233-0688; Facsimile: (712) 233-0318**

Those with access to email may submit their comments to the IANG at the following address:
Robert.santee@ang.af.mil

[illegible]

Name: _____

Address: _____

City

State _____ Zip _____

From:

Place
Stamp
Here

To:

Mr. Robert Santee, Environmental Manager
Iowa Air National Guard
2920 Headquarters Ave.
Sioux City, IA 51110-1300
