



DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DIVISION, GREAT LAKES AND OHIO RIVER
CORPS OF ENGINEERS
550 MAIN ST.
CINCINNATI, OH 45202

CELRD-PDM (200-1c)

4 March 2008

MEMORANDUM FOR Commander, Louisville District

SUBJECT: Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS) Inventory Project Report (INPR) for Monee Gap Filler Annex, Monee, Illinois, Property Number E05IL3349

1. Reference CELRL-ED-E-E memorandum, 4 February 2008, SAB (Encl 1).
2. This office concurs that no eligible projects currently exist for this property.
3. Please ensure that the FUDS Management and Information System (FUDSMIS) is updated to reflect this concurrence and that copies of this INPR are provided to the current landowner and lead regulatory agency.

A handwritten signature in black ink, appearing to read "Michael B. White".

MICHAEL B. WHITE, P.E.
Director of Programs

1 Encl

CF:
CELRL-ED-E-E
CEHNC-CX-MM/Harris



DEPARTMENT OF THE ARMY
U.S. ARMY ENGINEER DISTRICT, LOUISVILLE
CORPS OF ENGINEERS
P.O. BOX 59
LOUISVILLE KY 40201-0059

<http://www.lrl.usace.army.mil/>

FEB - 4 2008


CELRL-ED-E-E

MEMORANDUM FOR Commander, Great Lakes and Ohio River Division,
ATTN: CELRD-PDM/Patty Bertsch, P.O. Box 1159, Cincinnati, Ohio 45201-1159

SUBJECT: Defense Environmental Restoration Program – Formerly Used Defense Sites (DERP-FUDS) Inventory Project Report (INPR) for Monee Gap Filler Annex, Monee, Illinois, Property Number E05IL3349

1. Reference ER-200-3-1, Environmental Quality, Formerly Used Defense Sites (FUDS) Program Policy, Department of the Army, U.S. Army Corps of Engineers, Washington, D.C., 20314, 10 May 2004.
2. This memorandum transmits the INPR for the subject DERP-FUDS property. The Monee Gap Filler Annex was used as an unmanned gap filler station by the Air Force from 1959 to 1969.
3. The Property Survey Summary Sheet is included at Enclosure 1 and documents that no eligible projects have been identified for this property. Location maps and property photographs are included at Enclosure 2. The Findings and Determination of Eligibility (FDE), dated 20 February 2007, is included at Enclosure 3. The completed INPR Checklist is included at Enclosure 4. An Abbreviated Preliminary Assessment (APA) for the property is included at Enclosure 5.
4. Office of Counsel and Real Estate have reviewed this INPR and concur that no eligible projects currently exist for this property.
5. The Illinois Environmental Protection Agency (IEPA) has also reviewed this INPR and concurs that no eligible projects currently exist for this property. No outstanding regulatory issues or concerns exist with regard to this INPR.
6. Request you review and approve this INPR under the DERP-FUDS Program. Please contact Nora Hawk at (502) 315-6375 should you have any questions.

5 Enclosures


RAYMOND G. MIDKIFF
Colonel, Corps of Engineers
Commander and District Engineer

**PROPERTY SURVEY SUMMARY SHEET
FOR
DERP-FUDS PROPERTY NUMBER E05IL3349
FEDERAL FACILITY ID NUMBER IL9799F9719**

**MONEE GAP FILLER ANNEX
Monee, Will County, Illinois
27 November 2007**

PROPERTY NAME: Monee Gap Filler Annex, also known as Monee Designator P-31/RP-31D, Monee Gap Filler Annex Z-31D, Low Altitude Gap Filler Radar Monee, and Monee Gap Filler Site (QNYA).

PROPERTY LOCATION: The Monee Gap Filler Annex property is located 1.5 miles southwest of Monee, Illinois, in Will County, within the northwest quarter of Section 29 in Township 34 North, Range 13 East of the 3rd Principal Meridian. The property is located east of Ridgeland Road and is geographically located at latitudinal and longitudinal coordinates 41° 24' 36" North and 87° 45' 54" West, in the 11th Congressional District and USEPA Region 5.

PROPERTY HISTORY: The United States Government acquired the former Monee Gap Filler Annex property in two parcels. The first parcel, a 0.34-acre tract (A-100), was acquired in fee via declaration of taking on 4 May 1959. The second parcel, a 0.76-acre easement (A-100E), was obtained on 21 March 1960. This easement was for a road connecting tract A-100 to Ridgeland Road. The property was used by the U.S. Air Force to establish a station to fill a gap in radar coverage in the area of Monee, Illinois. The property was designed to be an unmanned radar facility under the control of the 755th Radar Squadron out of Arlington Heights, Illinois, (RP-31) from circa 1959/1960 through 1968. However, military records indicate that the facility may have been controlled by the Williams Bay Air Force Station, Wisconsin, (P-31) briefly before Arlington Heights took control of the property. Additionally, as of 1 May 1968, reference is made to the Chanute Air Force Base in Illinois being the primary installation over the Annex.

According to <http://www.radomes.org/museum/> a typical unmanned gap filler annex consisted of a small "L" shaped cinderblock building broken into two sections. One section would contain autonomous data transmission equipment and the other would contain one or more diesel generators used to power the equipment. The former Monee Gap Filler Annex maintained AN/FPS-18 unmanned equipment, consisting of a short-range search radar with a range of 60 to 65 nautical miles and operating in the S-band between 2700 and 2900 MHz. The facility may have also maintained AN/FPS-10 equipment prior to the installation of the AN/FPS-18 equipment. As of 24 November 1961, the property maintained an AN/FST-1 (and later an AN/FST-2) for radar data processing in conjunction with the AN/FPS-18. In March 1962, the Monee Gap Filler Annex became fully SAGE (Semi-Automatic Ground Environment) integrated. SAGE is a computer system used by the U.S. Norad Air Defense System.

Effective 14 August 1968, the Monee Gap Filler Annex was declared excess by the Air Force. Between December 1968 and January 1969 the property was transferred to the National Science Foundation. It is unknown how, if at all, the National Science Foundation used the property. The 14 January 1969 "Transfer and Acceptance of Military Real Property" from the U.S. military to the National Science Foundation documented the transfer of a 0.34-acre tract of land (A-100), a 0.76-acre easement (A-100E), a 1,281-square foot building, a 492-linear foot security fence, a 5,000-gallon underground storage tank (UST), a roadway, three square yards of sidewalk, a diesel engine, a radiator, a 42-gallon diesel fuel tank inside the building, and a diesel fuel pump. A 1955 site plan shows a fuel tank (presumably the 5,000 gallon UST) located on the western edge of the property, slightly north of the mid-point of Tract A-100. According to the current property owner, the UST was located approximately 40 feet south of the gate between the west fence and the driveway. The 1955 site plan also depicts a three-legged radar tower located on the south side of the L-shaped main building.

On 31 January 1975, the National Science Foundation conveyed the property by Quit Claim Deed to the University of Chicago. By Special Warranty Deed on 21 May 1984, the property was transferred from the University of Chicago to the current owner, Mr. Daniel Kaminski.

PROPERTY VISIT:

The property was visited on 8 July 2004 by Ms. Rochelle Hance, Captain Christopher Grose, and Ms. Donna Zoeller of CEMVS-ED-P, USACE, St. Louis District. Prior to visiting the property, the team obtained a copy of a 1967 aerial photograph of the area from the Will-South Cook Soil & Water Conservation District, a plat map, the name and mailing address of the current property owner, and the current property deed from the Will County Recorder's Office. The main concrete building was found to be in fair condition and appeared to be in use by the current owner for storage. Located on the north side (front) of the building were two garage doors. The building did not appear to be inherently hazardous, as defined in the FUDS Program Policy Engineer Regulation (ER) 200-3-1. The three concrete footings and steel base plates for the radar tower still exist and are in fair condition. The concrete did not appear to be crumbling. Located in the center of the three footings was a pile of debris (origin unknown). Located on the south side of the property was a partially filled-in circular pit. Although not stated in historical documents, based on similar FUDS properties, it is believed that this pit is where a latrine once stood. Since this pit was partially filled with dirt, it was not considered a "falling hazard", as outlined in Table 3-1 of ER 200-3-1. According to the Mr. Kaminski, the 5,000-gallon UST was inspected and removed prior to the property being deeded from the University of Chicago. Located in the southwestern corner of the property is a relatively new cell phone tower. There is no indication that transformers were ever located on the property. See Enclosure 2 for property visit photographs.

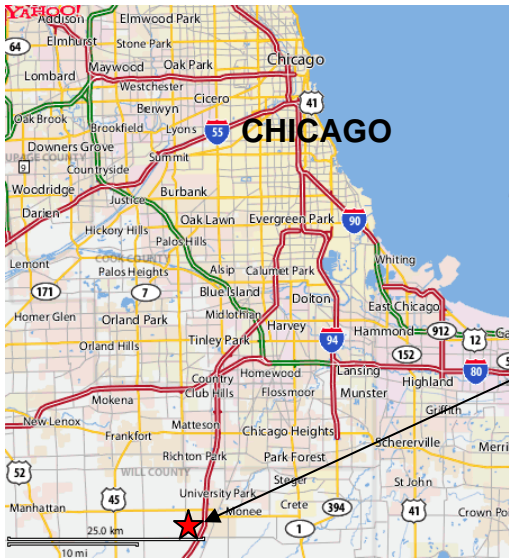
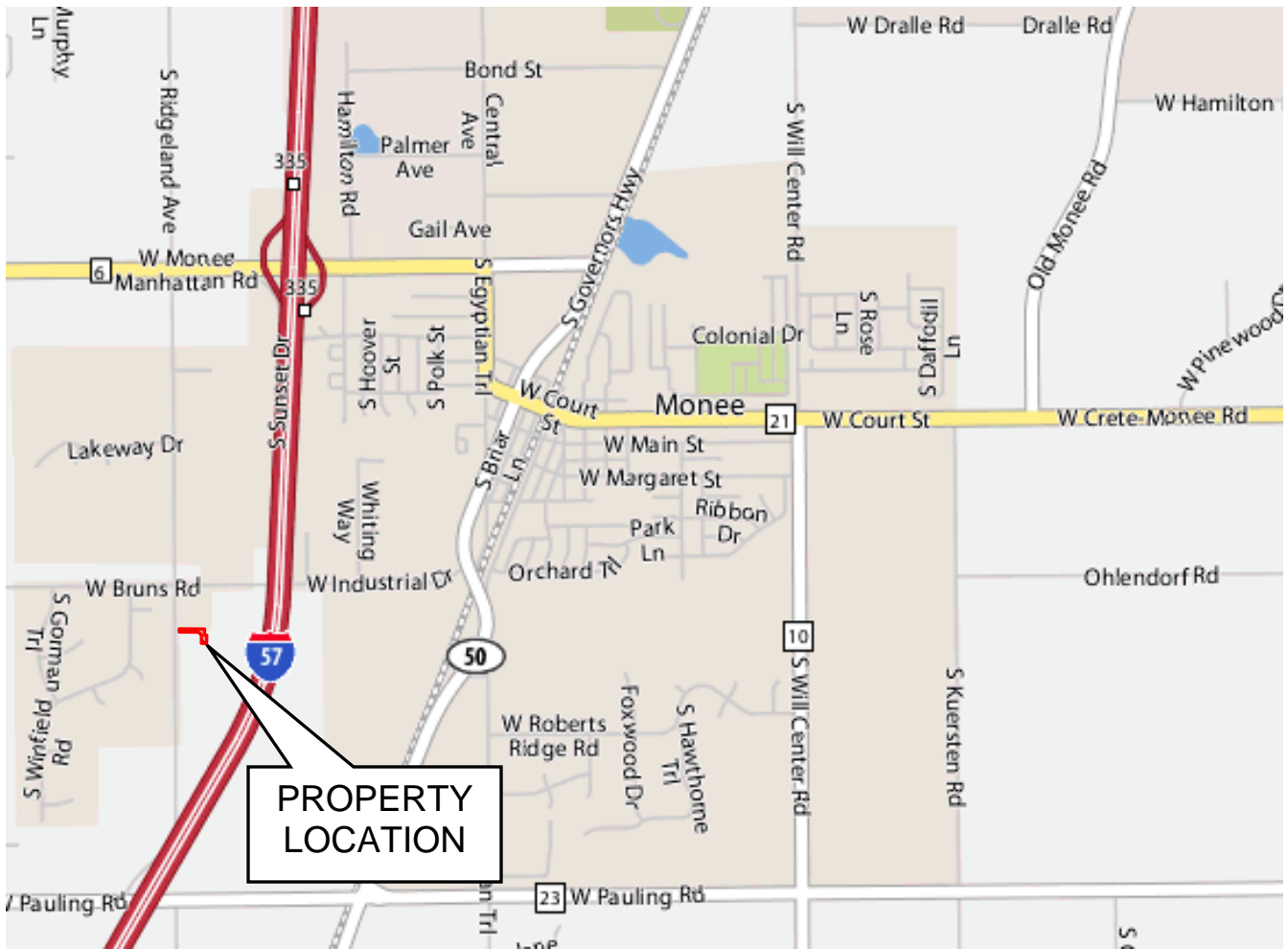
CATEGORY OF HAZARD: Based upon historical research and information obtained from the property visit, there are no BD/DR, CON/HTRW, HTRW, MMRP, or PRP projects identified at this time for the property. The Illinois Environmental Protection Agency (IEPA) was provided an electronic copy of the draft INPR for this property and in a 28 June 2005 letter the IEPA acknowledged the property owner's statement regarding removal of the UST and concurred with the conclusion of the INPR that "there are no eligible projects for the site".

PROJECT DESCRIPTION: N/A

AVAILABLE STUDIES AND REPORTS: A list of the available historical records for this property is available from CELRL.

POINT OF CONTACT: Walter Perro, Project Manager, CELRL-PM-M-E, 502-315-6832; Nora Hawk, INPR Coordinator, CELRL-ED-E-E, 502-315-6375; and Rochelle Hance, INPR Preparer, CEMVS-EC-P, 314-331-8784

LEAD REGULATOR: Ms. Nicole Wilson, Illinois Environmental Protection Agency (IEPA) Remedial Project Manager, Bureau of Land, 217-785-8729.



PROPERTY LOCATION

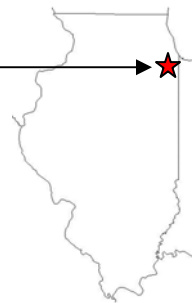


FIGURE 1
PROPERTY LOCATION MAP

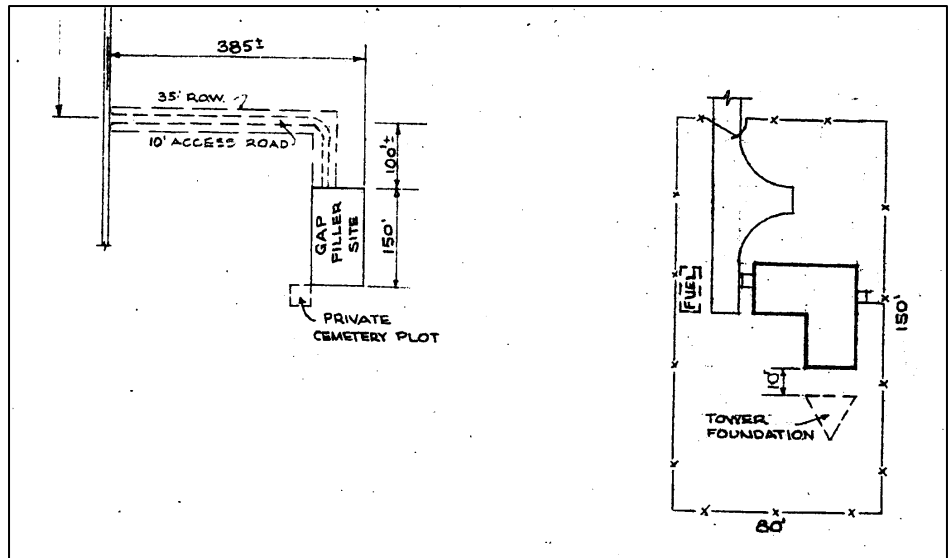
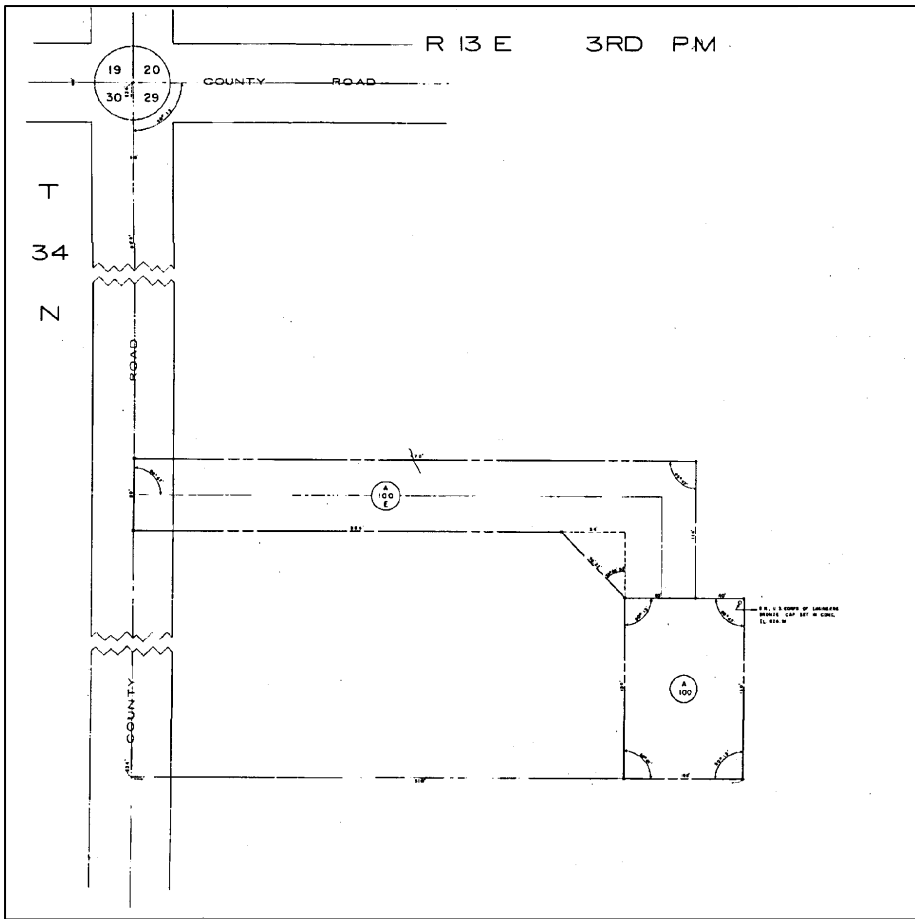


FIGURE 2
REAL ESTATE MAP & 1955 SITE PLAN



FIGURE 3
CURRENT AERIAL VIEW OF
THE PROPERTY



Photograph 1: View of the north side of the main building and the cellular phone tower in the southwest corner of the fenced portion of the property.



Photograph 1: View of the south (rear) side of the main building. Debris is present in the center of the old radar tower footings.



Photograph 3: View of the west side of the main building.



Photograph 4: View of the south side of the main building and east side of the cell tower building.



Photograph 5: Suspected sewer/latrine pit (partially filled with dirt) along the southern fence line.



Photograph 6: View of the adjacent property to the northwest with Ridgeland Road and a residence west of Ridgeland Road shown in the distance.

**PHOTOGRAPHS TAKEN DURING THE
8 JULY 2004 PROPERTY VISIT**

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FOR
FORMERLY USED DEFENSE SITES
FINDINGS AND DETERMINATION OF ELIGIBILITY

MONEE GAP FILLER ANNEX

FUDS Property Number E05IL3349
Federal Facility ID Number IL9799F9719
Monee, Will County, Illinois

FINDINGS OF FACT

1. The United States Government acquired the former Monee Gap Filler Annex property in two parcels. The first parcel, a 0.34-acre tract (A-100), was acquired in fee via declaration of taking on 4 May 1959. The second parcel, a 0.76-acre easement (A-100E), was obtained on 21 March 1960. This easement was for a road connecting tract A-100 to Ridgeland Road. The property is located 1.5 miles southwest of Monee, Illinois, in Will County, within the northwest quarter of Section 29, in Township 24 North, Range 13 East of the 3rd Principal Meridian. The property is geographically located at N 41° 24' 36", W 87° 45' 54".
2. The former Monee Gap Filler Annex maintained AN/FPS-18 unmanned equipment. It is possible that before the installation of the AN/FPS-18 unmanned gap filler station, Monee Gap Filler maintained AN/FPS-10 equipment. Additionally, AN/FST-1 and later AN/FST-2 were maintained for radar data processing in conjunction with the AN/FPS-18.
3. The Monee Gap Filler Annex was declared excess to the needs of the Air Force in August 1968. Between December 1968 and January 1969, the property was transferred to the National Science Foundation. At this time, construction on the property consisted of a 1,281-square foot building, a security fence, a 5,000-gallon underground storage tank (UST), a roadway, a small sidewalk, a diesel engine, a radiator, a 42-gallon diesel fuel tank located inside the building, and a diesel fuel pump. In 1975, the property was conveyed by Quit Claim Deed from the National Science Foundation to the University of Chicago. By Special Warranty Deed on 21 May 1984, the property was transferred from the University of Chicago to the current owner, Mr. Daniel Kaminski. The building and majority of the property appears to be currently used for storage. A cellular phone tower exists on a small portion of the property. The UST was removed prior to the current owner obtaining the property.

DETERMINATION

Based on the foregoing findings of fact, the property has been determined to have been under the jurisdiction of the Secretary of Defense and owned by, leased to, or otherwise possessed by the United States prior to 17 October 1986. This property is therefore eligible for inclusion into the Defense Environmental Restoration Program – Formerly Used Defense Sites established under 10 USC 2701 et seq.

FEB 20 2007

Date



BRUCE A. BERWICK
Brigadier General, US Army
Commanding

**Worksheet B-3. Inventory Project Report (INPR) Checklist
(Use space at bottom of this worksheet for continuation)**

Checklist Preparer:		Date: 10 July 2004	
Name: Rochelle Hance		Title: Team Leader	
District: St. Louis		Phone Number: 314-331-8784	
Email address: Rochelle.r.hance@usace.army.mil			
Property information:			
Property Name: Monee Gap Filler Annex		Property #: E05IL3349	
Previous Names, if any: Monee Designator P-31/RP-31D, Monee Gap Filler Annex Z-31D, Low Altitude Gap Filler Radar Monee, and Monee Gap Filler Site (QNYA)			
Former Service: Air Force			
Property Location (Section, Township, Range): Northwest quarter of Section 29 in Township 34 North, Range 13 East of the 3 rd Principal Meridian			
Street: Ridgeland Road			
City: Monee		County: Will	State: IL
Latitude (D/M/S): 41° 24' 36" North		Longitude (D/M/S): 87° 45' 54" West	
Current Use (residential, commercial, etc.): Storage & Cellular Phone Tower			
Primary Property Owner Information (address multiple owners in Comments):			
Name: Daniel T. Kaminski			
Address (if other than above): P.O. Box 26			
Street:			
City: Monee, 60449			
Phone Number: unlisted		County: Will	State: IL

Indicate the status of the following checklist items in determining the completeness of the INPR. Provide a narrative in the comments section below to explain, and keyed to, the shaded boxes:

		Yes	No	NA
Property Document Search:				
<input checked="" type="checkbox"/>	Were the following records available and used in the preparation of the INPR?			
1	Archive records	X		
2	Site maps, including facility as-built drawings	X		
3	Aerial or ground photographs	X		
4	Prior studies, documents, reports, property contamination records, or public/private sampling data			X
5	Compliance orders issued to current or past owners/operators		X	
6	Real estate records, deeds, or property transfer records	X		
7	Local historical societies and public libraries	X		
8	EPA/State environmental records or reports			X
9	EOD incident reports			X
10	Other documentation		X	

Indicate the status of the following checklist items in determining the completeness of the INPR. Provide a narrative in the comments section below to explain, and keyed to, the shaded boxes:

		Yes	No	NA
Property Visit:				
<input checked="" type="checkbox"/>	Indicate whether the following have been contacted and interviewed to obtain information.			
11	Current landowner(s)	X		
12	Neighbors		X	
13	Previous landowner(s)		X	
14	Prior employee(s)			X
15	Federal agencies, including regulatory agencies	X		
16	State agencies, including regulatory agencies	X		
17	Local agencies, including regulatory and law enforcement agencies	X		
18	Other available sources		X	
19	Was access to the property possible (right of entry provided by landowner)?		X	
20	Was the property physically visited?	X		
21	Was access sufficient to allow for a thorough property inspection?	X		
22	Was access sufficient to identify potential hazards?	X		
23	Did regulatory agencies accompany USACE on the property visit?		X	
24	Did the landowner accompany USACE on the property visit?		X	
25	Was there evidence of a release of hazardous material or use/disposal of military munitions during DoD control?		X	
26	Was there evidence of a release of potential DoD hazardous material into a public or private drinking water supply? ¹		X	
27	Is there evidence of a release into a public or private drinking water supply due to deterioration of the system through ordinary use? ¹		X	
28	Is there evidence of a release from products that are part of the structure of, and result in exposure within, residential buildings or businesses or community structures? ²		X	
29	Is some other program actively involved with the property (i.e., another Federal, state, or tribal program)?		X	
30	Is there evidence that activities by non-DoD parties at the property may be the source of potential contamination?		X	
31	Was information on hazards found at similar types of FUDS properties considered in identifying potential hazards at this property?	X		
32	Were site maps compared to actual conditions during the site visit?	X		
33	Were photographs taken?	X		
34	Were property owners advised to contact USACE if evidence of potential hazards is found later?		X	
35	Was a trip report of the property visit prepared?	X		

¹ This can be determined by reviewing public water supply sampling data. Provide discussion of how it was determined to be release due to DoD activities rather than by current or past owners/operators.

² This question is from the EPA Pre-CERCLIS Screening Assessment Checklist/Decision Form, EPA-540-F-98-039 "Improving Site Assessment: Pre-CERCLIS Screening Assessments."

Indicate the status of the following checklist items in determining the completeness of the INPR. Provide a narrative in the comments section below to explain, and keyed to, the shaded boxes:

		Yes	No	NA
Property Eligibility Determination (refer to Chapter 3):				
36	Is the property Categorically Excluded?		X	
37	Are there release, hold harmless, "as-is", or indemnification clauses in deeds or property transfer documents that limit DoD liability?		X	
38	Is there evidence of this property being a Third Party Site?		X	
39	Is the property eligible under FUDS?	X		
40	If necessary, has a " <i>Categorical Exclusion or Ineligible Property</i> " worksheet been prepared			X
FUDS Property Screening:				
41	Was a CERCLA Preliminary Assessment completed?		X	
42	Was a RAC Worksheet prepared for the property?			X
Project Eligibility Determination (refer to Chapter 3):				
43	Have all typical hazards been investigated for possible occurrence at this type of property?	X		
44	Were hazards identified?		X	
45	Are identified hazards of DoD Origin?		X	
46	If identified hazards were of non-DoD origin, has the lead regulatory agency been informed? (Provide name, phone number, date)			X
47	Is the current owner under a RCRA or CERCLA clean-up order?		X	
48	Has the "right of first refusal" been exercised by an adjacent DoD installation?			X
49	Is there evidence of beneficial use?	X		
50	Are there other policy considerations against recommending a project?		X	
51	Are eligible FUDS projects recommended? (If yes, identify projects below)		X	
INPR Preparation and Review:				
52	Is the INPR prepared consistent with INPR Content Matrix (Table B-1)?	X		
53	Is the INPR Property Survey Summary Sheet consistent with Table B-2?	X		
54	Is the Project Summary Sheet(s) consistent with Table B-3?			X
55	If appropriate, has a " <i>BD/DR Project Summary Sheet Checklist</i> " been prepared? (See Worksheet B-2)			X
56	If the INPR recommends a PRP/HTRW project, has the PRP District reviewed the INPR? (See Figure B-1)			X
57	If the INPR recommends a PRP/HTRW project, has the HTRW Center of Expertise reviewed the INPR? (See Figure B-1)			X
58	If the INPR recommends a MMRP or PRP/MMRP project, has the MM Center of Expertise reviewed the INPR? (See Figure B-1)			X
59	Was the draft INPR coordinated with Office of Counsel and Real Estate?	X		
60	Was the draft INPR shared with the Lead Regulatory Agency after internal USACE review?	X		

Narrative comments to explain above notations: (Key your comments to the checklist item number)

4. No prior studies, documents, reports, property contamination records, or public/private sampling data were found for this property.

8. A State and Federal regulatory database search found no entries/records for the property.

9. No EOD reports are known to exist. Given the nature of DoD use of the property, EOD concerns do not exist for the property.

12. Neighbors with knowledge of DoD activities between 1959 and 1969 on the property could not be located for interview. The property was last used by the DoD in 1968 and areas surrounding the property have been developed for commercial and residential use.

13. Personnel with knowledge of property activities while under National Science Foundation ownership and University of Chicago ownership could not be located for interview.

14. No employees were stationed on the property; therefore, no such interviews could be conducted.

19 & 24. The current owner was not available to allow property access during the property visit. However, the small property was easily viewed from the fence line. Site photographs are provided at Page 4/4 in Enclosure 2 of this INPR.

23. A joint property visit with USACE and Illinois Environmental Protection Agency (IEPA) personnel was not possible. However, the IEPA was provided an electronic copy of the draft INPR for this property and in a 28 June 2005 letter the IEPA acknowledged the property owner's statement regarding removal of the UST and concurred with the conclusion of the INPR that "there are no eligible projects for the site".

34. Given the nature of use of the property between 1959 and 1969 by the DoD, subsequent beneficial use of the property, and the removal of the only possible hazard source from the property (i.e., the 5,000-gallon UST), the potential for identification of hazards associated with past DoD use of the property does not exist. As such, advising current property owners of future potential hazards was not warranted.

41. In lieu of completing a CERCLA Preliminary Assessment, and in accordance with applicable CERCLA guidance, an Abbreviated Preliminary Assessment (APA) was completed for the property and is provided at Enclosure 5.

42. A screening RAC is no longer required. The Military Munitions Site Prioritization Protocol (MRSPP) has replaced the RAC and it is only needed when a MMRP project is being recommended. No MMRP projects are recommended for this property.

49. The current owner is using the original concrete block building for storage. The University of Chicago removed the 5,000-gallon UST from the property prior to transfer to the current owner. Discarding of materials on to the surface of the property by the current owner was apparent during the property visit.

51. Based upon historical research and information obtained from the property visit and APA, there are no BD/DR, CON/HTRW, HTRW, MMRP, or PRP projects identified at this time for the property.

54. No Project Summary Sheets have been included in this INPR since no projects are being proposed.

ABBREVIATED PRELIMINARY ASSESSMENT

MONEE GAP FILLER ANNEX MONEE, WILL COUNTY, ILLINOIS

**DERP-FUDS PROPERTY NUMBER E05IL3349
FEDERAL FACILITY ID NUMBER IL9799F9719**

**25 September 2007
Louisville District Corps of Engineers**

*Prepared in Accordance with: Improving Site Assessment: Abbreviated
Preliminary Assessment, EPA-540-F-98-037, October 1999*

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1.0 INTRODUCTION

This Abbreviated Preliminary Assessment (APA) has been prepared for the former Monee Gap Filler Annex property in accordance with the U.S. Environmental Protection Agency (USEPA) guidance publication, *Improving Site Assessment: Abbreviated Preliminary Assessments*, EPA-540-F-98-037, October 1999. According to the 20 February 2007 Findings and Determination of Eligibility (FDE), the subject property is an eligible property under the Defense Environmental Restoration Program - Formerly Used Defense Sites (DERP-FUDS) Program. The purpose of this APA is to: 1) meet all the Comprehensive Environmental Response, Compensation, and Liabilities Act (CERCLA) and National Oil and Hazardous Substances Pollution Contingency Plan (NCP) requirements for a PA; and 2) fulfill the requirements for a revised DERP-FUDS Inventory Property Report (INPR) under Engineering Regulation (ER) 200-3-1, 10 May 2004.

2.0 PROPERTY DESCRIPTION, ACREAGE, AND LAND USE

The former Monee Gap Filler Annex property has also been known as Monee Designator P-31/RP-31D, Monee Gap Filler Annex Z-31D, Low Altitude Gap Filler Radar Monee, and Monee Gap Filler Site (QNYA). The property is located off Ridgeland Road, 1.5 miles southwest of Monee, Will County, Illinois, within the northwest quarter of Section 29, Township 34 North, Range 13 East of the 3rd Principal Meridian. It is geographically located at 41° 24' 36" North, 87° 45' 54" West. This property is located in Illinois' 11th U.S. Congressional District and USEPA Region 5.

According to a July 2004 property visit, the Monee Gap Filler Annex property is being used for storage and to house a cellular phone tower. Enclosure 2 of the INPR provides a location map and recent photographs of the property.

3.0 HISTORICAL PROPERTY SUMMARY

The United States Government acquired the former Monee Gap Filler Annex property in two parcels. The first parcel, a 0.34-acre tract (A-100), was acquired in fee via declaration of taking on 4 May 1959. The second parcel, a 0.76-acre easement (A-100E), was obtained on 21 March 1960. This easement was for a road connecting tract A-100 to Ridgeland Road. The property was used by the U.S. Air Force to establish a station to fill a gap in radar coverage in the area of Monee, Illinois. The property was designed to be an unmanned radar facility under the control of the 755th Radar Squadron out of Arlington Heights, Illinois, (RP-31) from circa 1959/1960 through 1968. However, military records indicate that the facility may have been controlled by the Williams Bay Air Force Station, Wisconsin, (P-31) briefly before Arlington Heights took control of the property. Additionally, as of 1 May 1968, reference is made to the Chanute Air Force Base in Illinois being the primary installation over the Annex.

According to <http://www.radomes.org/museum/> a typical unmanned gap filler annex consisted of a small "L" shaped cinderblock building broken into two sections. One section would contain

autonomous data transmission equipment and the other would contain one or more diesel generators used to power the equipment. The former Monee Gap Filler Annex maintained AN/FPS-18 unmanned equipment, consisting of a short-range search radar with a range of 60 to 65 nautical miles and operating in the S-band between 2700 and 2900 MHz. The facility may have also maintained AN/FPS-10 equipment prior to the installation of the AN/FPS-18 equipment. As of 24 November 1961, the property maintained an AN/FST-1 (and later an AN/FST-2) for radar data processing in conjunction with the AN/FPS-18. In March 1962, the Monee Gap Filler Annex became fully SAGE (Semi-Automatic Ground Environment) integrated. SAGE is a computer system used by the U.S. Norad Air Defense System.

Effective 14 August 1968 the Monee Gap Filler Annex was declared excess by the Air Force. Between December 1968 and January 1969 the property was transferred to the National Science Foundation. It is unknown how, if at all, the National Science Foundation used the property. The 14 January 1969 "Transfer and Acceptance of Military Real Property" from the U.S. military to the National Science Foundation documented the transfer of a 0.34-acre tract of land (A-100), a 0.76-acre easement (A-100E), a 1,281-square foot building, a 492-linear foot security fence, a 5,000-gallon underground storage tank (UST), a roadway, three square yards of sidewalk, a diesel engine, a radiator, a 42-gallon diesel fuel tank inside the building, and a diesel fuel pump. A 1955 site plan shows a fuel tank (presumably the 5,000 gallon UST) located on the western edge of the property, slightly north of the mid-point of Tract A-100. According to the current property owner, the UST was located approximately 40 feet south of the gate between the west fence and the driveway. The 1955 site plan also depicts a three-legged radar tower located on the south side of the L-shaped main building.

On 31 January 1975, the National Science Foundation conveyed the property by Quit Claim Deed to the University of Chicago. By Special Warranty Deed on 21 May 1984, the property was transferred from the University of Chicago to the current owner, Mr. Daniel Kaminski.

4.0 PREVIOUS INVESTIGATIONS

No environmental investigations are known to have been conducted on the property. The property was visited on 8 July 2004 by Ms. Rochelle Hance, Captain Christopher Grose, and Ms. Donna Zoeller of CEMVS-ED-P, USACE, St. Louis District. Prior to visiting the property, the team obtained a copy of a 1967 aerial photograph of the area from the Will-South Cook Soil & Water Conservation District, a plat map, the name and mailing address of the current property owner, and the current property deed from the Will County Recorder's Office. The main concrete building was found to be in fair condition and appeared to be in use by the current owner for storage. Located on the north side (front) of the building were two garage doors. The building did not appear to be inherently hazardous, as defined in the FUDS Program Policy Engineer Regulation (ER) 200-3-1. The three concrete footings and steel base plates for the radar tower still exist and are in fair condition. The concrete did not appear to be crumbling. Located in the center of the three footings was a pile of debris (origin unknown). Located on the south side of the property was a partially filled-in circular pit. Although not stated in historical documents, based on similar FUDS properties, it is believed that this pit is where a latrine once stood. Since this pit was partially filled with dirt, it was not considered a "falling hazard", as

outlined in Table 3-1 of ER 200-3-1. According to the Mr. Kaminski, the UST was inspected and removed prior to the property being deeded from the University of Chicago. Located in the southwestern corner of the property is a relatively new cell phone tower. There is no indication that transformers were ever located on the property. See Enclosure 2 for property visit photographs.

In June of 2005 the Illinois Environmental Protection Agency (IEPA) was provided an electronic copy of the draft INPR. In a 28 June 2005 letter the IEPA acknowledged the property owner's statement regarding removal of the UST and concurred with the conclusion of the INPR that "there are no eligible projects for the site".

5.0 EVALUATION OF PRESENCE OF MILITARY MUNITIONS

There is no reason to believe there were any military munitions used on or left on the Monee Gap Filler Annex property as a result of the Air Force's use of the land as an unmanned radar facility. No military munitions are known or suspected to be present on the property, therefore no further action is necessary relative to military munitions and no Military Munitions Response Program (MMRP) projects are proposed.

6.0 EVALUATION OF PRESENCE OF CON/HTRW AREAS OF CONCERN

According to the 14 January 1969 property list, at the time of property transfer the Monee Gap Filler Annex had a diesel engine (the generator), a 5,000-gallon underground storage tank, a 42-gallon diesel fuel tank inside the building, and a diesel fuel pump. All were likely components of the diesel-powered electric generation system. No transformer was listed in 1969 or shown on the 1955 site plan and none were observed during the 2004 property visit. Mr. Kaminski, the property owner at the time of the 2004 property visit, reported that the 5,000-gallon UST had been located approximately 40 feet south of the gate between the west fence and the driveway and that it had been inspected and removed prior to the property being deeded to him from the University of Chicago.

In June of 2005 the Illinois Environmental Protection Agency (IEPA) was provided an electronic copy of the draft INPR. In a 28 June 2005 letter the IEPA acknowledged the property owner's statement regarding removal of the UST and concurred with the conclusion of the INPR that "there are no eligible projects for the site". As such, no Department of Defense related environmental hazards associated with CON/HTRW are known to be present on the property.

7.0 EVALUATION OF PRESENCE OF HTRW AREAS OF CONCERN

Based upon historical research during preparation of the INPR and the 2004 site visit, there is no indication that hazardous, toxic, or radioactive waste (HTRW) hazards remain from the Air Force's use of the Monee Gap Filler Annex property. As mentioned above, in a 28 June 2005 letter the IEPA acknowledged concurrence with the conclusion of the INPR that "there are no eligible projects for the site". As such, no Department of Defense related environmental hazards associated with HTRW are known to be present on the property.

8.0 SUMMARY AND CONCLUSIONS

From late 1959 until early 1969 the Air Force operated the Monee Gap Filler Annex as an unmanned, short-range radar facility which included radar and supporting data processing equipment, as well as a diesel-powered electric generator system. Between December 1968 and January 1969 the property was transferred to the National Science Foundation. The 1969 "Transfer and Acceptance of Military Real Property" from the U.S. military to the National Science Foundation listed a 0.34-acre tract of land, a 0.76-acre easement, a 1,281-square foot building, a 492-linear foot security fence, a 5,000-gallon UST, a roadway, three square yards of sidewalk, a diesel engine, a radiator, a 42-gallon diesel fuel tank inside the building, and a diesel fuel pump. It is unknown how, if at all, the National Science Foundation used the property.

On 31 January 1975 the National Science Foundation conveyed by Quit Claim Deed the former Monee Gap Filler Annex property to the University of Chicago. By Special Warranty Deed on 21 May 1984 the property was transferred from the University of Chicago to Mr. Daniel Kaminski. Mr. Kaminski was still the property owner at the time of an 8 July 2004 property visit. According to Mr. Kaminski, the 5,000-gallon UST was inspected and removed prior to the property being deeded to him by the University of Chicago. The 8 July 2004 property visit found the property being used for storage and to house a cellular phone tower.

There is no reason to believe there were any military munitions used on or left on the Monee Gap Filler Annex property as a result of the Air Force's use of the land as an unmanned radar facility. Therefore, no further action is necessary relative to military munitions and no MMRP projects are proposed for the property.

The 5,000-gallon UST was reportedly inspected and removed prior to 21 May 1984 and although the ultimate disposition of the generator, 42-gallon diesel fuel tank, or diesel fuel pump is not documented, no CON/HTRW or HTRW hazards are known to remain from the Air Force's use of the Monee Gap Filler Annex property. In a 28 June 2005 letter the IEPA acknowledged the property owner's statement regarding removal of the UST and concurred with the conclusion of the INPR that "there are no eligible projects for the site". As such, no Department of Defense related environmental hazards associated with CON/HTRW or HTRW are known to be present on the Monee Gap Filler Annex property and no further investigation of the property relative to the Air Force's use of it is considered necessary.

ABBREVIATED PRELIMINARY ASSESSMENT CHECKLIST

This checklist can be used to help the site investigator determine if an Abbreviated Preliminary Assessment (APA) is warranted. This checklist should document the rationale for the decision on whether further steps in the site investigation process are required under CERCLA. Use additional sheets, if necessary.

Checklist Preparer: James S. Beaujon, Geologist 09/25/07
(Name/Title) (Date)
CELRN-EC-R (615) 736-7629
(Address) (Phone)
James.S.Beaujon@lrn02.usace.army.mil
(E-mail Address)

Site Name: Monee Gap Filler Annex

Previous Names: Monee Designator P-31/RP-31D, Monee Gap Filler Annex Z-31D,
Low Altitude Gap Filler Radar Monee, and Monee Gap Filler Site
(QNYA)

Site Location: Ridgeland Road, 1.5 miles southwest of Monee, Will County,
Illinois, within the northwest quarter of Section 29, Township 34
North, Range 13 East of the 3rd Principal Meridian
(Street)
Monee IL 60449
(City) (ST) (Zip)

Latitude: 41° 24' 36.0" North **Longitude:** 87° 45' 54.0" West

Describe the release (or potential release) and its probable nature:

From 1959 to 1969 the Air Force operated the Monee Gap Filler Annex site as an unmanned, short-range radar facility which included radar and supporting data processing equipment, as well as a diesel-powered electric generator system. In 1969 the property was transferred to the National Science Foundation (NSF). The 1969 "Transfer and Acceptance of Military Real Property" from the U.S. military to the National Science Foundation listed a 0.34-acre tract of land, a 0.76-acre easement, a 1,281-square foot building, a 492-linear foot security fence, a 5,000-gallon UST, a roadway, three square yards of sidewalk, a diesel engine, a radiator, a 42-gallon diesel fuel tank inside the building, and a diesel fuel pump. It is unknown how, if at all, the NSF used the property.

In 1975 the NSF conveyed the property to the University of Chicago. In May 1984 the property was transferred from the University of Chicago to Mr. Daniel Kaminski. Mr. Kaminski was still the property owner at the time of an 8 July 2004 property visit. According to Mr. Kaminski, the 5,000-gallon UST was inspected and removed prior to the property being deeded to him by the University of Chicago. The 8 July 2004 property visit found the property being used for storage and to house a cellular phone tower.

There is no reason to believe there were any military munitions used on or left on the Monee Gap Filler Annex property as a result of the Air Force's use of the land as an unmanned radar facility. Therefore, no further action is necessary relative to military munitions and no MMRP projects are proposed for the property. The 5,000-gallon UST was reportedly inspected and removed prior to 21 May 1984 and although the ultimate disposition of the generator, 42-gallon diesel fuel tank, or diesel fuel pump is not documented, no CON/HTRW or HTRW hazards are known to remain from the Air Force's use of the Monee Gap Filler Annex property. In a 28 June 2005 letter the IEPA acknowledged the property owner's statement regarding removal of the UST and concurred with the conclusion of the INPR that "there are no eligible projects for the site".

Part 1 – Superfund Eligibility Evaluation

If all answers are “no” go on to Part 2, otherwise proceed to Part 3.

		YES	NO
1.	Is the site currently in CERCLIS or an “alias” of another site?		X
2.	Is the site being addressed by some other remedial program (Federal, State, or Tribal)?		X
3.	Are the hazardous substances potentially released at the site regulated under a statutory exclusion (e.g., petroleum, natural gas, natural gas liquids, synthetic gas usable for fuel, normal application of fertilizer, release located in a workplace, naturally occurring, or regulated by the NRC, UMTRCA, or OSHA)?		X
4.	Are the hazardous substances potentially released at the site excluded by policy considerations (i.e., deferred to RCRA corrective action)?		X
5.	Is there sufficient documentation to demonstrate that no potential for a release that could cause adverse environmental or human health impacts exists (e.g., comprehensive remedial investigation equivalent data showing no release above ARARs, completed removal action, documentation showing that no hazardous substance releases have occurred, or an EPA approved risk assessment completed)?		X

Please explain all “yes” answer(s). N/A

Part 2– Initial Site Evaluation

For Part 2, if information is not available to make a “yes” or “no” response, further investigation may be needed. In these cases, determine whether an APA is appropriate. Exhibit 1 parallels the questions in Part 2. Use Exhibit 1 to make decisions in Part 3.

If the answer is “no” to any of questions 1, 2, or 3, proceed directly to Part 3.

		YES	NO
1.	Does the site have a release or a potential for release?		X
2.	Does the site have uncontained sources containing CERCLA eligible substances?		X
3.	Does the site have documented on-site, adjacent, or nearby targets?		X

If the answers to questions 1, 2, and 3 above were all “yes” then answer the questions below before proceeding to Part 3.

		YES	NO
4.	Does documentation indicate that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site?		<i>Not Applicable</i>
5.	Is there an apparent release at the site with no documentation of exposed targets, but there are targets on site or immediately adjacent to the site?		<i>Not Applicable</i>
6.	Is there an apparent release and no documented on-site targets or targets immediately adjacent to the site, but there are nearby targets (e.g., targets within 1 mile)?		<i>Not Applicable</i>
7.	Is there no indication of a hazardous substance release, and there are uncontained sources containing CERCLA hazardous substances, but there is a potential to release with targets present on site or in proximity to the site?		<i>Not Applicable</i>

Notes:

**EXHIBIT 1
SITE ASSESSMENT DECISION GUIDELINES FOR A SITE**

This Exhibit is taken from EPA guidance titled *Improving Site Assessment: Abbreviated Preliminary Assessments*, OSWER 9375.2-09FS (EPA 1999). It identifies different types of site information and provides some possible recommendations for further site assessment activities based on that information. Based on the answers to the questions in Part 2 of the APA Checklist, Exhibit 1 is used to determine the need for further action at the site. The guidance document acknowledges that professional judgment may be used and that the general recommendations for a site may be different than those given below.

Suspected/Documented Site Conditions		APA	Full PA	PA/SI	SI	
1.	There are no releases or potential to release.	Yes	No	No	No	
2.	No uncontained sources with CERCLA-eligible substances are present on site.	Yes	No	No	No	
3.	There are no on-site, adjacent, or nearby targets.	Yes	No	No	No	
4.	There is documentation indicating that a target (e.g., drinking water wells, drinking surface water intakes, etc.) has been exposed to a hazardous substance released from the site.	Option 1: APA <input type="checkbox"/> SI	Yes	No	No	Yes
		Option 2: PA/SI	No	No	Yes	N/A
5.	There is an apparent release at the site with no documentation of exposed targets, but there are targets on site or immediately adjacent to the site.	Option 1: APA <input type="checkbox"/> SI	Yes	No	No	Yes
		Option 2: PA/SI	No	No	Yes	N/A
6.	There is an apparent release and no documented on-site targets and no documented targets immediately adjacent to the site, but there are nearby targets. Nearby targets are those targets that are located within 1 mile of the site and have a relatively high likelihood of exposure to a hazardous substance migration from the site.	No	Yes	No	No	
7.	There is no indication of a hazardous substance release, and there are uncontained sources containing CERCLA hazardous substances, but there is a potential to release with targets present or in proximity to the site.	No	Yes	No	No	

Part 3 – Site Assessment Decision

Check the box that applies based on the conclusions of the APA:	
<input checked="" type="checkbox"/> NFRAP	<input type="checkbox"/> Refer to Removal Program – further site assessment needed
<input type="checkbox"/> Higher Priority SI	<input type="checkbox"/> Refer to Removal program – NFRAP
<input type="checkbox"/> Lower Priority SI	<input type="checkbox"/> Site is being addressed as part of another CERCLIS site
<input type="checkbox"/> Defer to RCRA Subtitle C	<input type="checkbox"/> Other:
<input type="checkbox"/> Defer to NRC	

**PLEASE EXPLAIN THE RATIONALE FOR YOUR
DECISION:**

There is no reason to believe there were any military munitions used on or left on the Monee Gap Filler Annex property as a result of the Air Force's use of the land as an unmanned radar facility. Therefore, no further action is necessary relative to military munitions and no MMRP projects are proposed for the property. The 5,000-gallon UST was reportedly inspected and removed prior to 21 May 1984 and although the ultimate disposition of the generator, 42-gallon diesel fuel tank, or diesel fuel pump is not documented, no CON/HTRW or HTRW hazards are known to remain from the Air Force's use of the Monee Gap Filler Annex property. In a 28 June 2005 letter the IEPA acknowledged the property owner's statement regarding removal of the UST and concurred with the conclusion of the INPR that "there are no eligible projects for the site". As such, no Department of Defense related environmental hazards associated with CON/HTRW or HTRW are known to be present on the Monee Gap Filler Annex property and no further investigation of the property relative to the Air Force's use of it is considered necessary.

NOTES: