DEPARTMENT OF THE AIR FORCE
AIR FORCE CIVIL ENGINEER CENTER

APR 2 8 2014

MEMORANDUM FOR: U.S. Environmental Protection Agency – Region 2
Attn: Robert Morse
Federal Facilities Section
290 Broadway, 18th Floor
New York, NY 10007-1866

New York State Department of
Environmental Conservation
Attn: Ms. Heather Bishop
Division of Environmental Remediation
625 Broadway 11th Floor
Albany, NY 12233-7015

New York State Department of
Environmental Conservation
Attn: Mr. Mark Tibbe
Division of Environmental Remediation,
Spill Prevention and Response
207 Genesee Street
Utica, New York 13501-2885

FROM: AFCEC/CIBE - Griffiss
Building 45
706 Brooks Road
Rome, New York 13441

SUBJECT: Final 2013 Well Decommissioning Report
DP011 Building 3 AOC, ST006 Building 101 AOC, and Building 773
Former Griffiss Air Force Base, Rome, New York
April 2014

1. Enclosed is the "Final 2013 Well Decommissioning Report for DP011 Building 3 AOC, ST006 Building 101 AOC, and Building 773".
2. The draft report was provided on February 10, 2014.
3. Request comments, if any, be provided by May 26, 2014.
4. Should you have any questions or concerns please contact me at 315 356 0810 ex 202.

MICHAEL F. MCDERMOTT
Air Force Civil Engineer Center
AFCEC/CIBE - Griffiss

Enclosures; as noted

FINAL

2013 WELL DECOMMISSIONING REPORT
DP011 BUILDING 3 AOC, ST006 BUILDING 101 AOC, and BUILDING 773
FORMER GRIFFISS AIR FORCE BASE SITE
ROME, NEW YORK

Prepared for:

Air Force Civil Engineer Center
706 Brooks Road
Rome, New York 13441

Prepared by:

FPM Remediations Inc.
584 Phoenix Drive
Rome, NY 13441

April 2014

This page is intentionally left blank.

Table of Contents

Section **Page**

1 INTRODUCTION....1
2 DECOMMISSIONING ACTIVITIES....1
2.1 DECOMMISSIONING SELECTION....1
2.2 DECOMMISSIONING METHOD....1
3 SUMMARY AND RECOMMENDATIONS....2
4 REFERENCES....3

Table of Figures

Figure 1 DP011 Building 3 AOC Monitoring Well Location
Figure 2 ST006 Building 101 AOC Monitoring Well Locations
Figure 3 Building 773 Monitoring Well Locations

Table of Tables

Table 1 2013 Decommissioning - Monitoring Well Descriptions

Appendices

Appendix A Daily Decommissioning Field Sheets
Appendix B Decommissioning Photos

List of Acronyms and Abbreviations

AFB	Air Force Base
AFCEC	Air Force Civil Engineer Center
AOC	Area of Concern
FPM	FPM Remediations, Inc.
LUC/ICs	Land-use Control/Institutional Controls
NYSDEC	New York State Department of Environmental Conservation
ROD	Record of Decision
USEPA	United States Environmental Protection Agency

1 Introduction

FPM Remediations, Inc. (FPM) decommissioned groundwater monitoring wells at the former Griffiss Air Force Base (AFB) in December 2013 under contract with the Air Force Civil Engineer Center (AFCEC). For this event a total of nine monitoring wells were decommissioned at sites DP011 Building 3 Area of Concern (AOC), ST006 Building 101 AOC, and the Building 773 petroleum spill site.

2 Decommissioning Activities

2.1 Decommissioning Selection

The wells that were decommissioned were selected as a result of the following:

a) DP011 Building 3 AOC was closed with New York State Department of Environmental Conservation (NYSDEC) and United States Environmental Protection Agency (USEPA) approval in 2013.
b) NYSDEC spill number 9605909, associated with the Building 773 petroleum spill site, was closed in 2013.
c) The Record of Decision (ROD) for ST006 Building 101 AOC was signed in 2012. The selected remedy was for Land-use Control/Institutional Controls (LUC/ICs) and no further groundwater sampling or restrictions.

2.2 Decommissioning Method

Prior to decommissioning, the selected locations were identified in the field and the well construction and hydrogeological conditions were reviewed. The Figures illustrating the decommissioned monitoring wells are provided in Figures 1, 2, and 3. Table 1 provides the monitoring wells physical descriptions and total depths. The method of decommissioning was then selected in accordance with NYSDEC guidelines (NYSDEC, 1996). Due to the depths of wells at the Building 733 petroleum spill site and site access restrictions for drill rigs at DP011 Building 3 AOC and ST006 Building 101 AOC, all wells were decommissioned using the grouting in place method. Following the decommissioning of wells, the locations were restored with top soil for five locations in the grass and with asphalt for four locations in parking lots. Appendix A provides the daily decommissioning field sheets which identify the decommissioning method for each well. Appendix B provides the decommissioned monitoring well photos. The grout in place method is as follows:

1. The rod used to punch out the bottom of the well's screen remains in the well casing.
2. The well is filled with grout using a tremie pipe to grade.
3. The boreholes are reinspected a few days after decommissioning for settling and refilled to the surface with grout as necessary.
4. Once grouting is determined successful the site is restored to original condition with the use of asphalt or topsoil and grass seed as necessary.

3 Summary and Recommendations

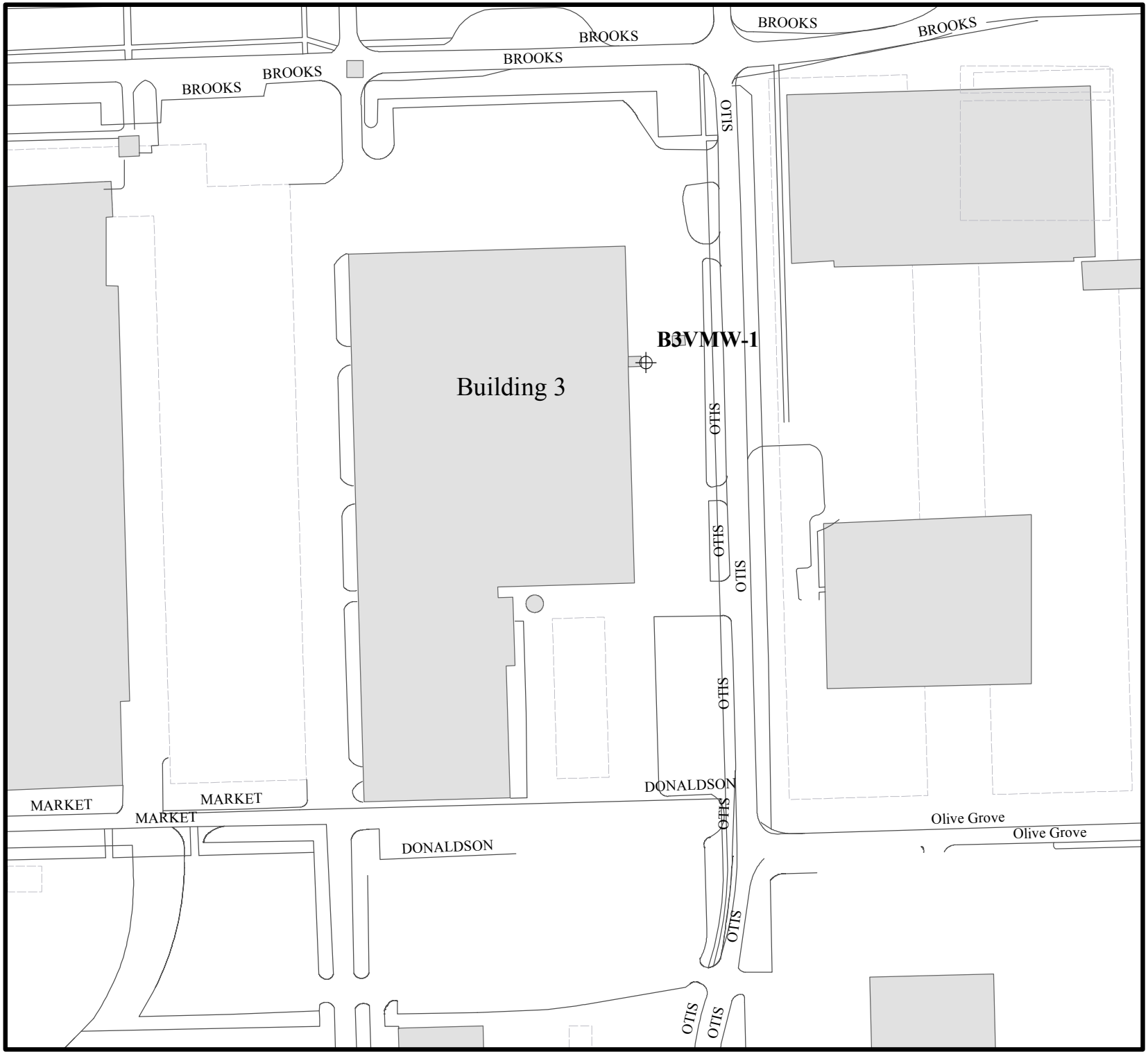
FPM decommissioned a total of nine monitoring wells in December 2013 at three sites. These sites were either closed or required no additional groundwater monitoring. As the decommissioning was conducted in the winter, additional actions will be required for full site restoration in the spring. This will include the application of additional top soil and re-seeding at five locations. The other four locations, which are located within paved areas, will be inspected and additional asphalt will be applied if settling is observed.

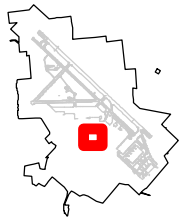
4 References

NYSDEC, *Groundwater Monitoring Well Decommissioning Procedures*, October 1996.

This page is intentionally left blank.

FIGURES





Site Location

Legend

- Groundwater Monitoring Well
- Road
- Existing Facility
- Demolished Facility
- LUC/IC Site Boundary/Former Drywell Location and Excavation

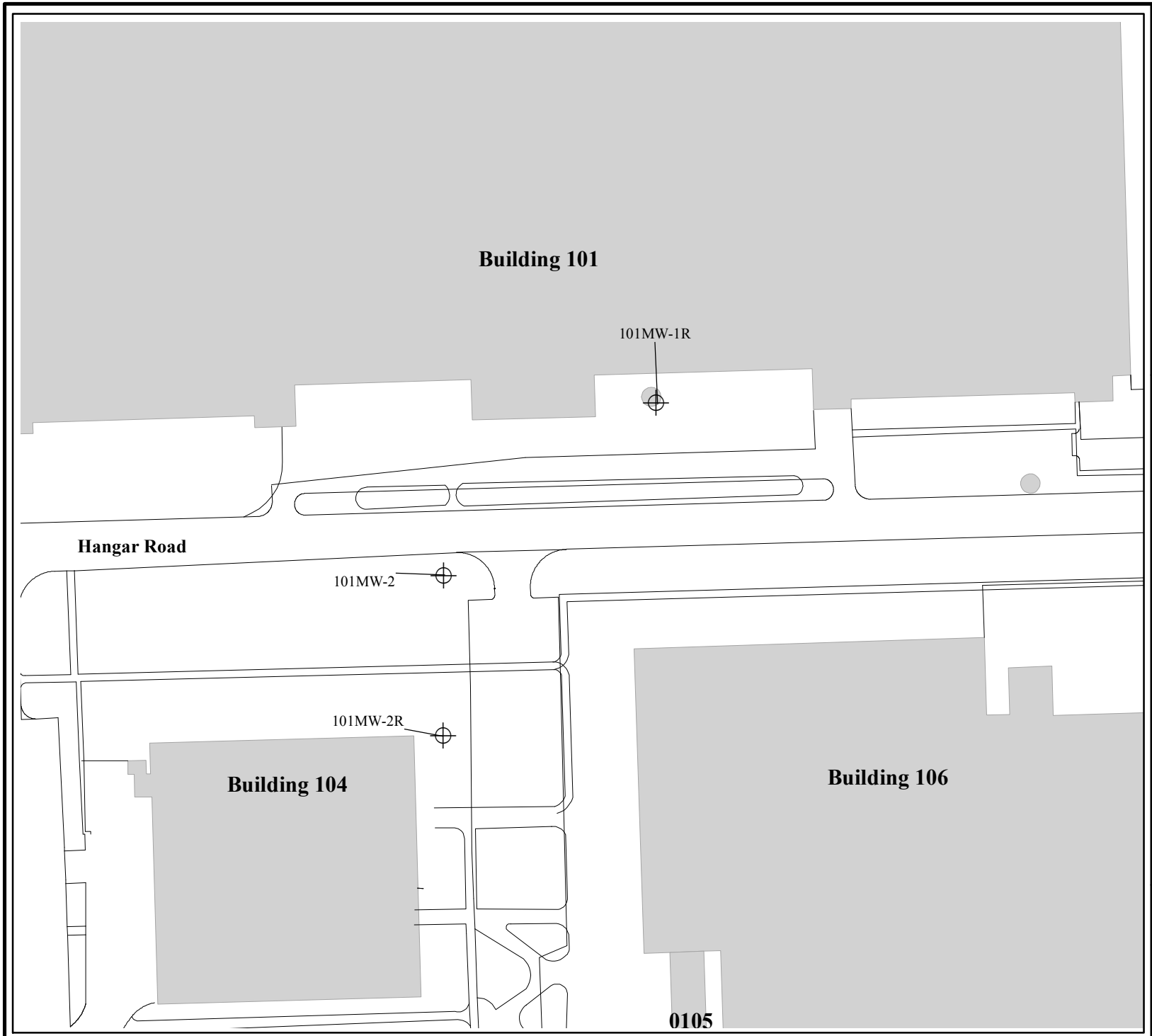
0 40 80 160 Feet

United States Air Force
Former Griffiss Air Force Base
Rome, New York

Figure 1
DP011 (Building 3 Drywell AOC)
Monitoring Well Location

FPM Remediations, Inc

Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Decommissioning\B3_SampLocs.mxd



N

Road
Facilities
Monitoring Well

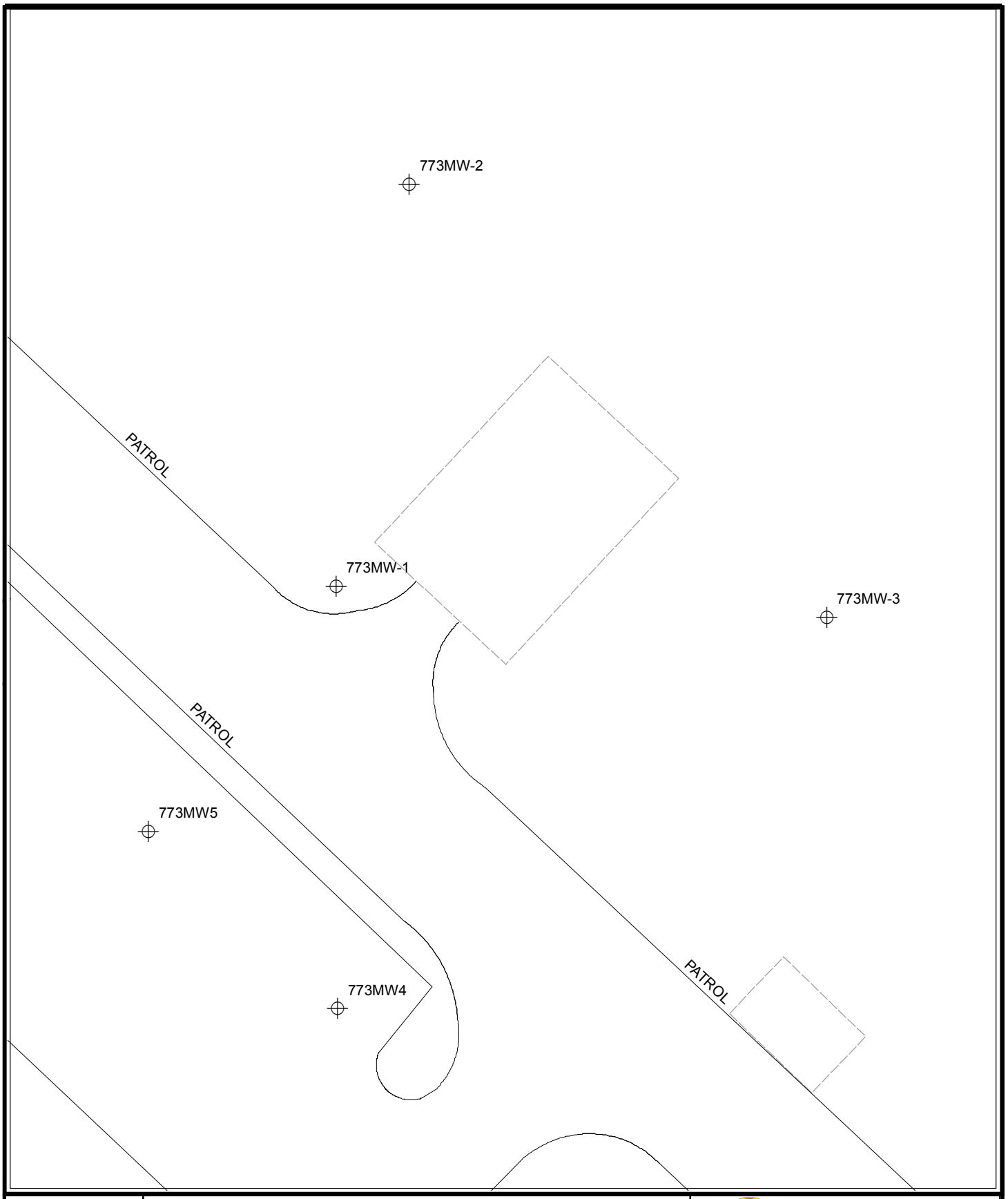
30 15 0 30 60 Feet

United States Air Force
former Griffiss Air Force Base
Rome, New York

Figure 2
Building 101 AOC Monitoring Wells Locations

FPM Remediations, Inc

Y:\GIS_Projects\Griffiss\Projects\40-05-27\On-base Groundwater\Building_101_Site_Loc_Map.mxd



Site Location

Legend

- Monitoring Well
- road
- Existing Facility
- Demolished Facility

N

10 5 0 10 20

Feet

UNITED STATES AIR FORCE
FORMER GRIFFISS AIR FORCE BASE
ROME, NEW YORK

Figure 3
Building 773
Monitoring Well Locations

FPM Remediations, Inc

Y:\GIS_Projects\Griffiss\Projects\1015-11-01\Unknown #3, 773.mxd

TABLES

Table 1

2013 Decommissioning - Monitoring Well Descriptions

Area or Program	Well ID	Physical Description	Total Depth
Building 101	101MW-1R	2" PVC Well, flush mount completion.	23
Building 101	101MW-2	2" PVC Well, Above ground completion. No protective posts.	27
Building 101	101MW-2R	2" PVC Well, Above ground completion. No protective posts.	28
Building 3	B3VMW-1	2" PVC Well, flush mount completion.	20
Building 773	773MW-1	2" PVC Well, Above ground completion. No protective posts.	63
Building 773	773MW-2	2" PVC Well, Above ground completion. No protective posts.	65
Building 773	773MW-3	2" PVC Well, Above ground completion. No protective posts.	66
Building 773	773MW-4	2" PVC Well, flush mount completion.	65
Building 773	773MW-5	2" PVC Well, flush mount completion.	62

APPENDIX A

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

DATE: 12/12/13

SITE: Bldg 773

FPM

Weather	AM	PM
Temperature (F)	17°	21°F
Wind Direction/Speed	WSW / 8	WSW / 12
Precipitation	0.5" snow	—
Conditions (i.e. sun, clouds)	Light snow	Mostly Cloudy

FPM Personnel on-site:

Josh Wenzel

Visitors:

Organization	Names
SJB	Jerry Coe / John Warner

Equipment on Site
SJB drill rig / pickup truck

Deliveries	Quantity
NONE	

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

FPM

DATE: 12/12/13

SITE: Bldg 773

Materials Shipped	Volume (Current Day)	Volume (total to date)	Disposal Facility/ Location
Soil (tons)			
C&D (tons)	NONE		
PPE/Waste (drum)			

* Waste shipment details presented on shipping log/bill of lading

Samples Collected for Analysis:

Media	Number of Locations	Sampling Method	Analysis
Soil			
Surface water			
Groundwater	NONE		

* Sampling tracking details presented on chain of custody

WORK ACTIVITIES CONDUCTED:

Well decommissioning at Bldg 773. Remove metal stickup and concrete pads around wells 773MW-1, -2, and -3. Wells were then grouted in place.

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

FPM

DATE: 12/12/13

SITE: Bldg 773

WORK ACTIVITIES CONDUCTED:

WORK ACTIVITIES COMPLETED TODAY:

*773MW-1, -2, -3 were decommissioned

COMMENTS/QUESTIONS:

NONE

SAFETY ISSUES:

NONE

Report Completed by: Josh Wenzel

Well ID	773mw-1
Area or Program	Bldg 773
Depth to Water	54.22 ft.
Grout Volume Added	25 gallons
Physical Description	2"/Stick-up /no ballards
Not Found Status	—
Northing	1173572
Easting	1135767
Date Installed	
Ground Elevation	514.16

Well Diameter	2"

Date Decommissioned	12/12/13
Decommissioning Method	Grout in place
Total Depth	61.50ft
Length of Case Pulled	0ft.
Decommissioning Contractor	SWB
FPM Personal Onsite	Josh Wenzel
Description Winter [redacted] 2013	—

Comments

Metal Stick-up was pulled from the ground. Well was then grouted in place.

Well ID	773MW-2
Area or Program	Bldg. 773
Well Diameter	2"
Depth to Water	53.45
Grout Volume Added	25 gallons
Physical Description	2" / stick-up / no bollards
Not Found Status	—
Northing	1173649
Easting	1135781
Date Installed	[redacted]
Ground Elevation	513.1

Date Decommissioned	12/12/13
Decommissioning Method	Grout in place
Total Depth	62.50 ft.
Length of Case Pulled	0 ft.
Decommissioning Contractor	SJR
FPM Personal Onsite	Josh Wenzel
Description Winter [redacted] 2013	—

Comments

Metal Stickup was pulled from the ground. Well was then grouted in place.

Well ID	773MW-3
Area or Program	Bldg. 773
Well Diameter	2"
* Depth to Water	Unknown
Grout Volume Added	25 gallons
Physical Description	2"/stick-up/no bollards
Not Found Status	—
Northing	1173566
Easting	1135861
Date Installed	
Ground Elevation	513.1

Date Decommissioned	12/12/13
Decommissioning Method	~~Grout~~, Grout in place
* Total Depth	Unknown
Length of Case Pulled	0 ft.
Decommissioning Contractor	SJB
FPM Personal Onsite	Josh Wenzel
Description Winter [redacted] 2013	—

Comments

* Metal Stick-up at 773MW-3 was severly bent making it impossible to put water level meter down the well. Well database quotes 773MW-3 as being 63.55ft deep.

- Metal Stickup was pulled from the ground. Well was then grouted in place.

Daily Health and Safety Meeting Form

Date: 12/12/13 *Time Start:* 0800

Time End: 1700

Location: FPM Remediations office

Weather Conditions: Light snow, WSW wind @ 8 mph, 17°F

Meeting Type: Health & Safety

Personnel Present: Josh Wenzel (FPM) Jerry Coe (SJB), John Weaver (SJB)

Visitors Present: NONE

Visitor Training: NONE

PPE Required: Modified Level D. Hard hat, safety glasses, Steeltoe boots

Possible risks, injuries, concerns: Slip/trip/fall, hypothermia, auger & drill rig hazard,

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented):

NONE

Daily Health and Safety Meeting Form (Page 2)

Property Damage: _____

NONE

Description (include sequence of events describing step by step how incident happened):

X

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO and FOM, approved by PM, and implemented by SSHO):

X

Report made by (Name): Josh Wenzel

SSHP Organization Title: Site Safety Officer

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

DATE: 12/16/13

SITE: Bldg 101

FPM

Weather	AM	PM
Temperature (F)	11°F	16°F
Wind Direction/Speed	N/6	W/12
Precipitation	—	—
Conditions (i.e. sun, clouds)	Partly Cloudy	Partly Cloudy

FPM Personnel on-site:

Josh Wenzel

Visitors:

Organization	Names
SJB	John Werner, Jerry Coe

Equipment on Site
SJB Pickup Truck/ Generator

Deliveries	Quantity
NONE	—

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

DATE: 12/16/13

SITE: Bldg 101

FPM

Materials Shipped	Volume (Current Day)	Volume (total to date)	Disposal Facility/ Location
Soil (tons)			
C&D (tons)			
PPE/Waste (drum)	NONE		

* Waste shipment details presented on shipping log/bill of lading

Samples Collected for Analysis:

Media	Number of Locations	Sampling Method	Analysis
Soil			
Surface water	NONE		
Groundwater			

* Sampling tracking details presented on chain of custody

WORK ACTIVITIES CONDUCTED:

Well decommissioning at Bldg 101. Monitoring wells 101MW-2 & -2R.
SJB removes metal stickup portions of 101MW-2 & -2R using handtools & jackhammer. These wells will be grouted in place on 12/17/13. SJB also picks up & and removes well debris from well decommissioning activities on 12/13/13 & 12/16/13.

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

FPM

DATE: 12/11&12/13

SITE: Bldg. 101

WORK ACTIVITIES CONDUCTED:

WORK ACTIVITIES COMPLETED TODAY:

* Begin decommissioning of wells 101MW-2 & -2R.

* Remove well debris from decommissioning events on 12/13/13 & 12/16/13

COMMENTS/QUESTIONS:

NONE

SAFETY ISSUES:

NONE

Report Completed by: Josh Wenzel

Daily Health and Safety Meeting Form

Date: 12/16/13 *Time Start:* 0800

Time End: 1700

Location: FPM Remediations office

Weather Conditions: Partly Cloudy, 11°F, N wind @ 6 mph

Meeting Type: Daily Health & Safety

Personnel Present: Josh Wenzel (FPM), Jerry Coe (SJB), John Warner (SJB)

Visitors Present: NONE

Visitor Training: NONE

PPE Required: Modified D, Hard Hats, Steel toe boots, Safety Glasses, Hearing protection

Possible risks, injuries, concerns: Slip/trip/fall, hypothermia, hazards associated w/ augers and drill rig.

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented):

NONE

Daily Health and Safety Meeting Form (Page 2)

Property Damage: _____

NONE

Description (include sequence of events describing step by step how incident happened):

X

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO and FOM, approved by PM, and implemented by SSHO):

X

Report made by (Name): Josh Wenzel

SSHP Organization Title: Site Safety Officer

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

FPM

DATE: 12/17/13

SITE: Bldg 101, Bldg 773

Weather	AM	PM
Temperature (F)	6°	9°
Wind Direction/Speed	SE/9	SE/10
Precipitation	Light snow	Light snow
Conditions (i.e. sun, clouds)	↓	↓

FPM Personnel on-site:

Josh Wenzel, [redacted], Jake Pratt, Mark Grafosi

Visitors:

Organization	Names
SJB	Jerry Coe, John Warner

Equipment on Site
SJB drill rig / pickup truck

Deliveries	Quantity
NONE	

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

FPM

DATE: 12/17/13

SITE: Bldg. 101, Bldg 773

Materials Shipped	Volume (Current Day)	Volume (total to date)	Disposal Facility/ Location
Soil (tons)			
C&D (tons)			
PPE/Waste (drum)	NONE		

* Waste shipment details presented on shipping log/bill of lading

Samples Collected for Analysis:

Media	Number of Locations	Sampling Method	Analysis
Soil			
Surface water			
Groundwater	NONE		

* Sampling tracking details presented on chain of custody

WORK ACTIVITIES CONDUCTED:

SJB completes decommissioning at 101MW-2 & 2R. Metal stickups were destroyed on 12/16/13 and grouted in place on 12/17/13. SJB grouts in place 101MW-3R and puts asphalt patch down to complete decommissioning. SJB then grouts in place 773MW-4 and -5. Asphalt patch will be added on 12/18/13.

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

FPM

DATE: 12/10/13

SITE: Bldg. 101, Bldg 773

WORK ACTIVITIES CONDUCTED:

WORK ACTIVITIES COMPLETED TODAY:

* Complete decommissioning activities 101MW-1R, -2, -2R
* Begin decommissioning at 773MW-4 & -5.

COMMENTS/QUESTIONS:

NONE

SAFETY ISSUES:

NONE

Report Completed by: Josh Wenzel

Well ID	101MW-1R
Area or Program	Bldg 101
Well Diameter	2"
Depth to Water	12.46
Grout Volume Added	15 gal.
Physical Description	2"/flush mount
Not Found Status	—
Northing	1177429.065
Easting	1132609.185
Date Installed	
Ground Elevation	473.02
Date Decommissioned	12/17/13
Decommissioning Method	Grout in place
Total Depth	19.00 ft.
Length of Case Pulled	0 ft.
Decommissioning Contractor	SJB
FPM Personal Onsite	Josh Wenzel
Description Written ~~2006~~	2013

Comments
101MW-1R grouted in place. Asphalt patch added.

Well ID	101MW-2
Area or Program	Bldg. 101
Well Diameter	2"
Depth to Water	15.90
Grout Volume Added	20 gal
Physical Description	2" well w/ metal stickup / concrete pad No bollards
Not Found Status	—
Northing	1177312.71
Easting	1132466.17
Date Installed	
Ground Elevation	473.18

Date Decommissioned	12/17/13
Decommissioning Method	Grout in place
Total Depth	24.45
Length of Case Pulled	0ft
Decommissioning Contractor	SJB
FPM Personal Onsite	Josh Wenzel
Description Winter [redacted] 2013	—

Comments
Grout in place. Concrete pad removed. Metal stickup removed.

Well ID	101MW-2R
Area or Program	Bldg. 101
Well Diameter	2"
Depth to Water	16.30
Grout Volume Added	20
Physical Description	2" well w/metal stick up/concrete pad. No bollards
Not Found Status	—
Northing	1177206.728
Easting	1132465.88
Date Installed	
Ground Elevation	473.63

Date Decommissioned	12/17/13
Decommissioning Method	Grout in place
Total Depth	25.60
Length of Case Pulled	0 ft.
Decommissioning Contractor	SJB
FPM Personal Onsite	Josh Wenzel
Description Winter [redacted] 2013	—

Comments

101MW-2R grouted in place. Concrete pad removed. Metal stick up removed.

Well ID	773MW-4
Area or Program	Bldg 773
Well Diameter	2"
Depth to Water	51.95 ft.
Grout Volume Added	~~62.23~~ 17 gal
Physical Description	2" flush mount
Not Found Status	—
Northing	1173491.058
Easting	1135767.743
Date Installed	
Ground Elevation	513.55

Date Decommissioned	12/17/13
Decommissioning Method	Grout in place
Total Depth	62.23 ft
Length of Case Pulled	0 ft.
Decommissioning Contractor	SJB
FPM Personal Onsite	Josh Wenzel / Jake Hatt
Description Winter ~~2006~~	2013 —

Comments

2" Grout in place. Asphalt patch added.

Well ID	773MW-5
Area or Program	Bldg. 775
Well Diameter	2"
Depth to Water	51.95
Grout Volume Added	17 gal
Physical Description	2" flush mount
Not Found Status	—
Northing	1173525.055
Easting	1135731.058
Date Installed	
Ground Elevation	513.36

Date Decommissioned	12/17/13
Decommissioning Method	Grout in place
Total Depth	60.61
Length of Case Pulled	0 ft.
Decommissioning Contractor	SJB
FPM Personal Onsite	Josh Wenzel / Jake Pratt
Description Winter ~~2000~~	2003

Comments

Grout in place. Asphalt patch added.

Daily Health and Safety Meeting Form

Date: 12/17/13 *Time Start:* 0800

Time End: 1700

Location: FPM Remediations office

Weather Conditions: Light snow, frigid temps, 6°F, winds SE @ 9 mph

Meeting Type: Daily Health & Safety

Personnel Present: FPM → Josh Wenzel, Jake Pratt, Mark Grifasi
SUB → Jerry Coe, Mike Wood

Visitors Present: NONE

Visitor Training: NONE

PPE Required: Modified D. Hard hats, Safety glasses, Ear protection, Warm Insulated Clothing,

Possible risks, injuries, concerns: Slip/trip/fall, hypothermia, hazards associated with drill rig.

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented):

NONE

Daily Health and Safety Meeting Form (Page 2)

Property Damage: _____

NONE

Description (include sequence of events describing step by step how incident happened):

X

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO and FOM, approved by PM, and implemented by SSHO):

X

Report made by (Name): Josh Wenzel

SSHP Organization Title: Site Safety Office

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

DATE: 12/18/13

SITE: Bldg 773, Bldg 3

Weather	AM	PM
Temperature (F)	17°	30°
Wind Direction/Speed	Calm	W/14
Precipitation	NONE	NONE
Conditions (i.e. sun, clouds)	Overcast	Overcast

FPM Personnel on-site:

Josh Wenzel, Jake Platt, Mark Grifasi

Visitors:

Organization	Names
SJB	John Warner, Jerry Coe

Equipment on Site
SJB drill rig, pickup truck

Deliveries	Quantity
NONE	

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

DATE: 12/18/13

SITE: Bldg 773, Bldg 3

FPM

Materials Shipped	Volume (Current Day)	Volume (total to date)	Disposal Facility/ Location
Soil (tons)			
C&D (tons)			
PPE/Waste (drum)	NONE		

* Waste shipment details presented on shipping log/bill of lading

Samples Collected for Analysis:

Media	Number of Locations	Sampling Method	Analysis
Soil			
Surface water			
Groundwater			
	NONE		

* Sampling tracking details presented on chain of custody

WORK ACTIVITIES CONDUCTED:

Completed decommissioning at 773MW-4 and -5. These wells were grouted in place on 12/18/13 and were finished with asphalt patch today. SVB grouted in place B3VMW-1. Concrete still remains around this well and will be removed in Spring 2014. Topsoil will also be added to this location in Spring 2014.

DAILY FIELD REPORT
FORMER GRIFFISS AFB, ROME, NEW YORK

FPM

DATE: 12/18/13

SITE: Bldg 773, Bldg 3

WORK ACTIVITIES CONDUCTED:

WORK ACTIVITIES COMPLETED TODAY:

Complete decommissioning activities at 773MW-4 and -5 and B3VMW-1. Minor restoration work will need to be completed

COMMENTS/QUESTIONS:

NONE

SAFETY ISSUES:

NONE

Report Completed by: Josh Wenzel

Well ID	B3VMW-1
Area or Program	Bldg. 3
Well Diameter	2"
Depth to Water	11.50
Grout Volume Added	15 gal
Physical Description	2" flushmount
Not Found Status	—
Northing	1176026
Easting	1133641
Date Installed	
Ground Elevation	467.78

Date Decommissioned	12/[redacted]/13
Decommissioning Method	Grout in place
Total Depth	16.60
Length of Case Pulled	0 ft
Decommissioning Contractor	SJB
FPM Personal Onsite	Josh Wenzel/Jake Pratt
Description Winter [redacted] 2013	—

Comments

Grout in place. Concrete pad still remains.

Daily Health and Safety Meeting Form

Date: 12/18/13 *Time Start:* 0800

Time End: 1700

Location: FPM Remediations office

Weather Conditions: 17°F, Winds W @ 14mph, Overcast

Meeting Type: _____

Personnel Present: FPM → Josh Wenzel, Jake Pratt, Mark Grifasi
SIB → Jerry Coe, John Warner

Visitors Present: ~~NONE~~

Visitor Training: NONE

PPE Required: Modified D, Hardhat, safety glasses, ear protection

Possible risks, injuries, concerns: Slip/trip/fall, hypothermia, risks associated with drill rig.

Anticipated Releases to Environment (if so, describe and detail response action/control measures implemented):

NONE

Daily Health and Safety Meeting Form (Page 2)

Property Damage: _____

NONE

Description (include sequence of events describing step by step how incident happened):

X

Analysis for, and Implementation of Corrective/Preventative Procedure to Prevent Future Occurrences (to be formulated by SSHO and FOM, approved by PM, and implemented by SSHO):

X

Report made by (Name): Josh Wenzel

SSHP Organization Title: Site Safety Officer

Well Decommissioning Form

Date	Well ID	Depth to Water (TOIC)	Total Depth (TOIC)	Method of Decommissioning	Physical Description (Well Type, etc.)	Grout Added (gallons)
12/12/13	773MW-1	54.22	61.50	Grout in place	2" / Stick up / no bollards	25 gal
12/12/13	773MW-2	53.45	62.50	Grout in place	2" / Stick up / no bollards	25 gal
12/12/13	773MW-3	* unknown	* unknown	Grout in place	2" / Stick up / no bollards	25 gal
12/17/13	101MW-2	15.90	24.45	Grout in place	2" / Stick up / no bollard	20 gal
12/17/13	101MW-2R	16.30	25.60	Grout in place	2" / stick up / no bollard	20 gal
12/17/13	101MW-1R	[redacted]	19.00		2" / flush	15 gal
		12.46				
12/17/13	773-MW-4	51.95	62.23	Grout in Place	2" flush	17 gal
12/17/13	773-MW-5	51.95	60.61	Grout in Place	2" flush	17 gal
12/18/13	B3VMW-1	11.50	16.60	Grout in Place	2" flush	15 gal

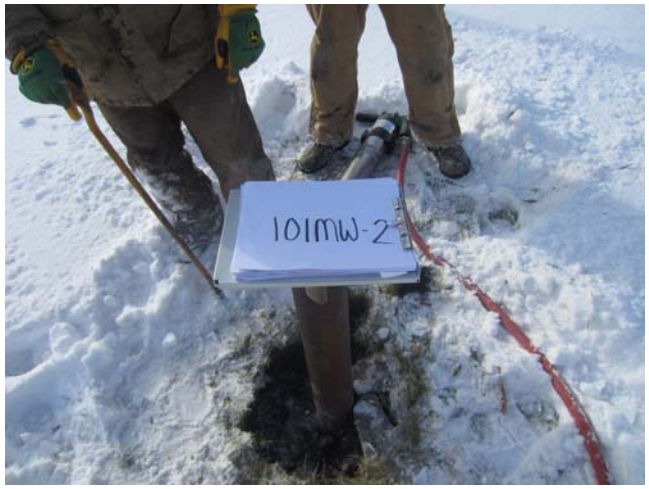
12/13

* Metal Stickup at 773MW-3 was severly bent making it impossible to put water level meter down the well. Well database quotes 773MW-3 as being 63.55ft deep.

APPENDIX B



101MW-1R



101MW-2



101MW-2R



773MW-1



773MW-2



773MW-3



773MW-4



773MW-5



B3VMW-1