

**FINAL TECHNICAL MEMORANDUM**  
**2017 ANNUAL WELL-INSPECTION SURVEY AND WELL MAINTENANCE REPORT**  
**FORMER GRIFFISS AIR FORCE BASE**  
**ROME, NEW YORK**

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**PREPARED FOR:** Mr. David Farnsworth/Former Griffiss Air Force Base (AFB), Base Realignment and Closure (BRAC) Environmental Coordinator (BEC) and Contracting Officer's Representative (COR)

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**INTRODUCTION AND OBJECTIVES**

Bhate Environmental Associates, Inc. (Bhate) was retained by the Air Force Civil Engineer Center (AFCEC), Contract Number FA8903-16-F-0012, to conduct environmental remediation activities to achieve performance objective goals at multiple sites at the Former Griffiss Air Force Base (AFB) and the Former Plattsburgh AFB. Under this contract, Bhate has prepared this Technical Memorandum (Tech Memo) for the inspection and maintenance of existing groundwater wells at the Former Griffiss AFB. The Former Griffiss AFB is located in the City of Rome in Oneida County, New York (**Figure 1**). Well locations are shown on **Plate 1**.

The purpose of this inspection was to note the presence or absence of wells, evaluate the condition of wells that are included in the current groundwater sampling program, identify deficiencies and then make repairs, and ensure there has been no unauthorized usage, encroachment upon, or interference with the Former Griffiss AFB wells. The inventoried wells included permanent monitoring wells, temporary monitoring wells, and remedial system process wells installed as part of the Air Force's Installation Restoration Program (IRP). In addition to documenting results of the well inspection, this Tech Memo presents the details of any well maintenance and repair activities performed along with providing recommendations for future maintenance/repair and well decommissioning.

**WELL INVENTORY**

A comprehensive list containing 378 well locations formed the initial basis of the 2017 inventory and inspection field activities. Per recommendations presented in the Final Technical Memorandum 2016 Annual Well-Inspection Survey and Maintenance Report (Bhate, March 2017), three wells were removed from the 2017 inventory (WSA-MW17 [duplicate well listing], 782VMW-77 [well abandoned with grout], and 782VMW-91 [well abandoned with grout]), reducing the list to 375 wells. Following Fall 2017 field efforts and a review of both historical/recent reports, 61 wells were added to the inventory (55 wells installed during 2016-

2017 and six previously installed wells that were absent from 2016 inventory), bringing the total to 436 wells. The 2017 well inventory was the second comprehensive inventory or inspection reported for the Former Griffiss AFB since 2010 (FPM Group Ltd. [FPM], January 2010). A previous well inventory was also performed in 1991 (Law Environmental, May 1991). Other documents referenced in the preparation of this Tech Memo include:

- *Draft Well Decommissioning Report Former Griffiss Air Force Base Long-Term Monitoring Program* (FPM, January 2004)
- *Final Additional [Area of Concern] AOC9 Predesign Investigation Data Summary Report, Former Griffiss Air Force Base* (Ecology and Environment Engineering, P.C. [EEEEPC]/Parsons, November 2007).
- *Technical Memorandum for Predesign Investigation 2 (Additional Investigations at Landfill 6 and AOC9)* (Parsons, May 2007)
- *Monitoring Well Decommissioning Report Round 4 and Round 5, Long Term Monitoring [LTM] Program Former Griffiss Air Force Base – Revision 1.0* (FPM, January 2010)
- *Final Interim Remedial Action Completion Report for Remedy-in-Place and Construction Complete for the On-Base Groundwater Area of Concern (SD-52)* (EEEEPC/Parsons, August 2011)
- *Final Well Decommissioning Report NYSDEC Spill Number 9707954 SS063/Apron 1* (AECOM/Cape, September 2015)
- *Final Well Decommissioning Report NYSDEC Spill Number 8910168 SS066/Building 786* (AECOM/Cape, September 2015)
- *Final Well Decommissioning Report NYSDEC Spill Number 9706957 SS068-Building 7001* (AECOM/Cape, September 2015)
- *Final Well Decommissioning Report NYSDEC Spill Number 9713631 SS064/Apron 2* (AECOM/Cape, December 2015)
- *Well Decommissioning Report NYSDEC Spill Number 9413416 SD041/Nosedocks 1 and 2* (AECOM/Cape, May 2016)
- *Draft Site Inspection Report for Aqueous Film Forming Foam (AFFF) Areas* (Amec Foster Wheeler Environment & Infrastructure, Inc. [Amec Foster Wheeler], April 2017)
- *Final Technical Memorandum 2016 Annual Well-Inspection Survey and Well Maintenance Report* (Bhate, March 2017)

Field activities associated with the well inventory were conducted intermittently from October through December 2017. Technicians examined and noted the condition of each well that could be located. The well inventory information is summarized in **Table 1**.

Data collection for the Former Griffiss AFB well inventory was separated into two distinct classes of wells:

- 1.) Wells included in the Fall 2017 groundwater LTM program [70 total]
- 2.) Wells not included in the Fall 2017 groundwater LTM program [366 total]

Wells that were not sampled as part of the Fall 2017 groundwater LTM program received a visual inspection, but structural integrity was not evaluated. Total depth measurements were collected from a small subset of wells that were not sampled during the Fall 2017 groundwater LTM program. A visual inspection of physical condition and structural integrity was performed at wells sampled as part of the Fall 2017 groundwater LTM program. Details recorded during the visual inspection included presence/absence of the well itself, well identification, well lock, and well cap. Also the inspections noted the type of surface completion, condition of the concrete pad where applicable, along with any existing general maintenance issues. Details recorded during the structural integrity check included presence/absence of; dedicated downhole sampling equipment, a clearly marked measuring point, obstructions along with well plumbness, and a measurement of the total depth. Comparison of the total depth measurements to as-built well depth specifications (where available) allowed evaluation of whether or not fines (i.e., silt and fine sand) had entered the well screens (see **Table 1**). Findings of the 2017 well inventory are presented in **Table 1** and summarized below.

Of the roster containing 436 wells associated with the Former Griffiss AFB, 324 wells were located during inspection field activities. Seventy (70) of the 324 located wells were part of the Fall 2017 groundwater LTM sampling program, and received both a visual inspection along with a structural integrity check. The remaining 254 wells received visual inspections only, with total depth measurements obtained from a small subset of these 254 wells.

A total of 112 wells could not be located during 2017 field activities. Reasons for not locating wells included dense/overgrown vegetation, redevelopment activities, past remedial excavation activities, access limitations, time constraints, and snow/ice ground cover. Sites/areas tied to wells that were not located are FT030 (1 well), LF001 (4 wells), LF003 (1 well), Three Mile Creek (2 wells), SD052-01 (10 wells), SD052-02 (1 well), SD052-05 (5 wells), SS062 (72 wells), SS063 (6 wells), SS067 (1 well), Former Griffiss AFB Perfluorinated Compound (PFC) Investigation (7 wells), CSS682-Building 785 Pipeline (2 wells). Locations of wells that were not identified during the 2017 well inventory are shown on **Plate 1**. Efforts to locate and inspect these wells will continue throughout the ensuing years of this contract and the well inventory will be updated accordingly. Moving forward, wells that have not been located for three consecutive years of field activities will be listed in Table 1 as Not Found, and annual efforts to identify these wells will cease.

One well contained in the Former Griffiss AFB well roster was field confirmed as being abandoned with grout (782VMW-80). This well was associated with the SD052-01 site and record of its decommissioning was not identified in previous reports. It should be noted that this well was intact during the 2016 well inspection field activities (Bhate, March 2017).

With the exception of the abandonment of monitoring well 782VMW-80, no signs of unauthorized well usage was identified during the 2017 well inventory.

#### **WELL MAINTENANCE PERFORMED IN 2017**

Maintenance/repair was completed at 149 well locations in 2017 (**Table 1**). Repairs performed included the installation of 16 well locks, addition of 137 well identifications, installation/replacement of three well caps, and redevelopment at three wells in 2017. Well redevelopment was conducted following routine sampling at monitoring wells 817MW-2, WSAMW-18, and AOC9MW-15 on November 11, 2017, via surging of the screened interval

coupled with over-pumping. Two additional monitoring wells, LF6VMW-26 and 782VMW-84D, were recommended for redevelopment in the *Final Technical Memorandum 2016 Annual Well-Inspection Survey and Well Maintenance Report* (Bhate, March 2017). Based on the 2017 total depth measurement obtained from LF6VMW-26, redevelopment was not necessary at this monitoring well. Redevelopment could not be performed at 782VMW-84D due to an obstruction within the well casing at approximately 5 feet (ft) below top of casing. This obstruction also prevented the collection of a total depth measurement at 782VMW-84D.

### **WELL MAINTENANCE PLANNED FOR 2018**

The 2017 well inventory found 324 of 436 existing wells at the Former Griffiss AFB. A total of 35 wells were classified as needing repairs. Two wells were identified as having more than 30 percent (%) of their screen filled with sediment and therefore requiring redevelopment (781MW-20 and 789MW-216).

The most common deficiencies observed during the 2017 well inspections were the absence of clearly marked well identifications, the absence of a clearly marked measuring point, and the absence of locks on wells whose surface completions were compatible with lock installation for security purposes. Other deficiencies that were noted include the absence of well caps, an animal burrow beneath a well pad, broken inner rings on stickup well completions, a missing protective steel riser lid, and protective bollards being knocked over or missing. While instances of missing or knocked over bollards were noted, the steel risers surrounding the well casings remained intact, providing adequate protection from impact in the short term. Also noted in 2017 was the need for complete replacement of two surface completions (one flushmount [781PPRW-9] and one stickup [789MW-98]).

During the 2018 field season, well identifications will be added/updated to the 11 locations where this shortcoming was observed (**Table 1**). A paint pen, metal stamping kit, or alternate method will be used to mark well identifications where needed.

Keyed-alike well locks will be installed at the wells identified in **Table 1** throughout the 2018 field season. Wells without locks that are located within secure areas of the Former Griffiss AFB (fenced area with restricted access) will also receive new locks in 2018, as more critical repairs on the current well network are completed.

Additional maintenance/repair items to be performed during the 2018 field season are provided below and outlined in **Table 1**:

- Installation of well caps at four well locations
- Marking of measuring point at 13 well locations
- Filling of animal burrow at one well location
- Replacement of broken inner rings on stickup well completions at two well locations
- Replacement of surface completions at two well locations
- Replacement/repair of knocked over or missing protective bollards at five well locations

### **WELL DISCREPANCIES**

As-built depth information was not available in the United States Air Force (USAF)

Environmental Resources Program Information Management System (ERPIMS) for four wells that were gauged during the Fall 2017 groundwater LTM event (775VMW-19R, 782VMW-121, 782VMW-121D, and 782VMW-84D). The total depth and screened interval presented in **Table 1** for these wells were drawn from field notes contained in the *Final Interim Remedial Action Completion Report for Remedy-in-Place and Construction Complete for the On-Base Groundwater Area of Concern (SD-52)* (EEEEPC/Parsons, August 2011).

It should be noted that the as-built depth for monitoring well LF6TW-33 was incorrectly listed in ERPIMS as 25 ft below ground surface (bgs) with a screened interval of 15 to 25 ft bgs. The total depth of this well was measured at 42.35 ft below top of casing (38.78 ft bgs) during the Fall 2017 groundwater LTM event. In reviewing previous groundwater sampling forms, a total depth of approximately 42 ft below top of casing (38.43 ft bgs) has been consistently recorded for this well. Additionally, the as-built depths within ERPIMS for monitoring wells LF6TW-34 through LF6TW-38 were incorrectly listed as 25 ft bgs with screened intervals of 15 to 25 ft bgs. With the exception of LF6TW-37, in 2017 the total depths of these wells were measured to be in excess of 55 ft below top of casing. The as-built total depth and screened interval presented in **Table 1** for these wells were drawn from the *Technical Memorandum for Predesign Investigation 2 (Additional Investigations at Landfill 6 and AOC9)* (Parsons, May 2007).

The ground surface elevation and top of casing elevation within ERPIMS for monitoring well AOC9-MW05 were reversed. As this well was field confirmed as being a flush mount completion, the ground surface and top of casing elevations presented in **Table 1** are the opposite of what is contained in ERPIMS (i.e., the top of well casing could not be above ground surface in a flush mount completion). The ground surface elevation for monitoring well AOC9MW-17 was listed in ERPIMS as 587.51 ft above mean seal level (amsl) (which would be 98.07 ft above top of casing). Following review of the *Final Additional AOC9 Predesign Investigation Data Summary Report, Former Griffiss Air Force Base* (EEEEPC/Parsons, November 2007) this was confirmed as being an ERPIMS data entry error. The ground surface elevation for monitoring well AOC9MW-17 represented in **Table 1** was revised to 487.51 ft amsl to be consistent with information presented in the AOC9 Predesign Investigation Data Summary Report (EEEEPC/Parsons, November 2007). ERPIMS also contained identical ground surface and top of casing elevations for two monitoring wells with stick-up surface completions (G009-MW01 [492.67 ft amsl] and G009-MW02 [494.54 ft amsl]). As alternate survey information is not readily available, these identical ground surface and top of casing elevations are presented in **Table 1**.

At some point in the past, general well nomenclature appears to have changed, which resulted in the same wells appearing more than once in the well inventory (e.g., WSA-MW17 and WSAVMW-17). Per recommendations presented in the *Final Technical Memorandum 2016 Annual Well-Inspection Survey and Maintenance Report* (Bhate, March 2017), redundant well WSA-MW17 was removed from the 2017 well inventory. Based on northing and easting coordinates, the physical location of WSA-MW17/WSAVMW-17 also coincides with a temporary 1-inch monitoring well that was not located during 2016 and 2017 efforts (AOC9TW-17). Another instance of the same well appearing more than once in the well inventory was identified in 2017. Monitoring wells WSAMW-11 and WSAMW-11BR both share the exact same coordinate location and well construction details. Following review of information presented in the *Landfill 6, Building 775, AOC 9, and Building 817/WSA Technical Memorandum No. 1:*

*Bedrock Groundwater Study Appendices* (Ecology and Environment, Inc., August 2002) it was determined that WSAMW-11 is the correct nomenclature for this well location.

Monitoring well 782MW-1, which was listed as previously decommissioned in the *Well Decommissioning Report NYSDEC Spill Number 9413416 SD041/Nosedocks 1 and 2, Former Griffiss Air Force Base, Rome, New York* (AECOM/Cape, May 2016), was located and identified as an existing well in both 2016 and 2017.

Monitoring wells AP2MW-B1S and AP2MW-B3N, which were documented as decommissioned in the *Final Well Decommissioning Report NYSDEC Spill Number 9713631 SS064/Apron 2* (AECOM/Cape, December 2015), were located and identified as existing monitoring wells. The presence of these wells was reconfirmed during the 2017 inspection. The integrity of these two monitoring wells will be assessed during the 2018 field season.

### **WELL INSTALLATIONS**

Six new monitoring wells (781MW-13R and AP1MW-1 through AP1MW-5) and 12 new injection wells (SD052-02\_IW-01 through SD052-02\_IW-09 and SD052-02\_IW-12 through SD052-02\_IW-14) were installed by Bhate at the Former Griffiss AFB in 2017. Information for these 18 wells has been added to the 2017 well inventory. Additionally, information for the 37 monitoring wells installed in 2016 by another contractor in association with the investigation of potential PFC release areas has also been added to the 2017 well inventory. Locations of wells that were installed during the 2016-2017 timeframe are shown on **Plate 1**.

### **PREVIOUSLY INSTALLED WELLS ADDED TO INVENTORY**

Six previously installed wells that were not listed in the 2016 inventory have been added to **Table 1** in 2017. Sites/areas tied to the six wells added are SS054 (1 well [781PPRW-9]), SD052-01 (1 well [782MW-3]), and SD052-05 (4 wells [WSA-IW01 through WSA-IW04]). These wells were installed during historical investigative/remedial actions at the Former Griffiss AFB. Locations of previously installed wells that were added into the 2017 inventory are shown on **Plate 1**.

### **WELL DECOMMISSIONING**

No wells were decommissioned at the Former Griffiss AFB in 2017.

### **RECOMMENDATIONS**

Well inventory activities for 2018 will focus on locating wells that were not found during the 2017 inventory. Repairs to wells in 2018 will include adding well identifications to the wells currently without, marking of measuring point at wells currently without, installing/replacing well caps for all wells in need, filling of an animal burrow beneath a well pad, and ensuring that locks are present on all wells located both inside and outside of secure areas on the Former Griffiss AFB. Also in 2018, redevelopment will be performed at two well locations, broken inner rings will be replaced on two monitoring wells, and two surface completions will be replaced. Additionally, duplicate well listings within the current well inventory due to a previous nomenclature change will be identified and consolidated. With Air Force and Regulatory approval, Bhate recommends removal of WSAMW-11BR from the Former Griffiss AFB active well list as it is redundant with monitoring well WSAMW-11. Also, with Air Force and Regulatory approval, Bhate recommends that one monitoring well identified as being

abandoned with grout, 782VMW-80, be removed from the Former Griffiss AFB active well list.

Following next year's well inventory, Bhate will compile a list of wells located throughout the Former Griffiss AFB to be proposed as candidates for decommissioning in the future. The list of proposed wells for decommissioning will be presented in the 2018 Annual Well Inventory Technical Memorandum.

## **REFERENCES**

AECOM/Cape. September 2015. *Final Well Decommissioning Report NYSDEC Spill Number 9707954 SS063/Apron 1, Former Griffiss Air Force Base Rome, New York.*

AECOM/Cape. September 2015. *Final Well Decommissioning Report NYSDEC Spill Number 8910168 SS066/Building 786, Former Griffiss Air Force Base Rome, New York.*

AECOM/Cape. September 2015. *Final Well Decommissioning Report NYSDEC Spill Number 9706957 SS068-Building 7001 Former Griffiss Air Force Base Rome, New York.*

AECOM/Cape. December 2015. *Final Well Decommissioning Report NYSDEC Spill Number 9713631 SS064/Apron 2 Former Griffiss Air Force Base Rome, New York.*

AECOM/Cape. May 2016. *Well Decommissioning Report NYSDEC Spill Number 9413416 SD041/Nosedocks 1 and 2, Former Griffiss Air Force Base Rome, New York.*

Amec Foster Wheeler. April 2017. *Draft Site Inspection Report for Aqueous Film Forming Foam (AFFF) Areas Former Griffiss Air Force Base, New York.*

Bhate. March 2017. *Final Technical Memorandum 2016 Annual Well-Inspection Survey and Well Maintenance Report Former Griffiss Air Force Base Rome, New York (Administrative Record [AR] 548779.1).*

Ecology and Environment, Inc. August 2002. *Landfill 6, Building 775, AOC 9, and Building 817/WSA Technical Memorandum No. 1: Bedrock Groundwater Study Appendices, Former Griffiss Air Force Base Rome, New York (AR 1658).*

EEEPC/Parsons. November 2007. *Final Additional AOC9 Predesign Investigation Data Summary Report, Former Griffiss Air Force Base. (AR 1900)*

EEEPC/Parsons. August 2011. *Final Interim Remedial Action Completion Report for Remedy-in-Place and Construction Complete for the On-Base Groundwater Area of Concern (SD-52) at the Former Griffiss Air Force Base. (AR 2334.1)*

FPM. January 2004, Revision 1.0. *Draft Well Decommissioning Report, Former Griffiss Air Force Base, Long-Term Monitoring Program. (AR 1819)*

FPM. January 2010, Revision 1.0. *Well Decommissioning Report Round 4 and Round 5 Long Term Monitoring Program Former Griffiss Air Force Base Rome, New York. (AR 2091)*

Law Environmental. May 1991. *Baseline On-Base Monitoring Well Inspection Report (Preliminary Assessment of Wells) at Griffiss Air Force Base New York. (AR 077)*

Parsons. May 2007. *Technical Memorandum for Predesign Investigation 2 (Additional Investigations at Landfill 6 and AOC9) Former Griffiss Air Force Base Rome, New York. (AR 2175)*

## TABLE



**Table 1**  
**Former Griffiss AFB**  
**2017 Well Inventory**

Count	Well ID	Sampled Fall 2017	IRP Site	Northing	Eastings	Well Located (Yes/No)	Well Abandoned (Yes/No)	Stick-up or Flush Mount Completion	Well Plate/Well Identification	Concrete Pad Condition	Lock Present	Well Cap Present	As-Built Depth (ft bgs)	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth (ft btoc)	Measured Depth (ft bgs)	Screened Interval (ft bgs)	Screen Length	Screen Silted	Needs Redevelopment	2017 Repairs and Redevelopment	Repair Remarks	Future Action/Repairs Needed	Justification for Not Identifying Well	Comments	
1	ANGMW-1		FT030	1182056.00	1130500.00	No							18.0	486.0	468.0			8.0 - 18.0	10.0						Time Constraint		
2	LF1P-2		LF001	1183682.00	1132543.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	13.0	502.31	504.18			8.0 - 13.0	5.0		Unknown	Well Lock Added					
3	LF1P-3		LF001	1183270.00	1132922.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	17.0	506.1	512.5			12.0 - 17.0	5.0		Unknown						
4	LF1P-5		LF001	1183482.00	1132160.00	No							20.0	494.9	514.8			15.0 - 20.0	5.0						Access		
5	LF1MW-1R		LF001	1184714.37	1133779.68	No							12.0	539.0	541.8			2.0 - 12.0	10.0						Access		
6	LF1MW-5		LF001	1183506.00	1132374.00	No							20.0	494.74	496.51			10.0 - 20.0	10.0						Access		
7	LF1MW-6		LF001	1183754.00	1132441.00	No							15.0					5.0 - 15.0	10.0						Access		
8	LF1MW-10		LF001	1183544.31	1132764.36	Yes	No	Stick-up	Yes	Good	Yes	Yes	30.0	528.08	530.65			20.0 - 30.0	10.0		Unknown	Well Lock Added					
9	LF1MW-11		LF001	1184166.39	1132207.50	Yes	No	Stick-up	Yes	Good	Yes	Yes	12.5	499.38	502.08			2.5 - 12.5	10.0		Unknown						
10	LF1MW-12		LF001	1184381.05	1132127.83	Yes	No	Stick-up	Yes	Good	Yes	Yes	13.0	501.82	504.38			3.0 - 13.0	10.0		Unknown						
11	LF1MW-13		LF001	1183192.36	1132127.04	Yes	No	Stick-up	Yes	Good	Yes	Yes	20.0	492.91	495.33			10.0 - 20.0	10.0		Unknown						
12	LF1MW-14		LF001	1184033.70	1131755.80	Yes	No	Stick-up	Yes	Good	Yes	Yes	12.5	501.44	504.34			2.5 - 12.5	10.0		Unknown				One bollard tipped over.	Bollard repair.	
13	LF1MW-103		LF001	1183707.24	1132550.91	Yes	No	Stick-up	Yes	Good	No	Yes	32.8	505.27	507.93			22.8 - 32.8	10.0		Unknown				Inner ring on steel riser lid needs repair.	Add Well Lock. Repair/replace inner ring.	
14	MWSAR03		LF001	1183824.00	1133585.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	22.0	533.28	535.09			12.0 - 22.0	10.0		Unknown						
15	LF2MW-4		LF002	1177293.00	1139871.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	38.8	553.54	555.02			28.9 - 38.8	10.0		Unknown						
16	LF2MW-12		LF002	1176923.27	1139287.75	Yes	No	Stick-up	Yes	Good	Yes	Yes	18.0	527.14	529.50			8.0 - 18.0	10.0		Unknown						
17	LF2MW-13		LF002	1177362.29	1139036.66	Yes	No	Stick-up	Yes	Good	Yes	Yes	14.5	522.50	524.48			4.5 - 14.5	10.0		Unknown						
18	LF2MW-14		LF002	1177793.86	1140216.73	Yes	No	Stick-up	Yes	Good	Yes	Yes	15.5	536.85	539.57			5.5 - 15.5	10.0		Unknown						
19	LF2MW2-1		LF002	1177656.00	1139216.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	32.0					22.0 - 32.0	10.0		Unknown						
20	LF2MW-100		LF002	1176912.42	1139303.67	Yes	No	Stick-up	Yes	Good	Yes	Yes	64.0	526.58	529.20			54.0 - 64.0	10.0		Unknown						
21	LF7MW-22		LF003	1178159.21	1136704.00	Yes	No	Flushmount	Yes	Good	No	Yes	10.9	485.10	486.63			6.0 - 10.9	4.9		Unknown				No lock necessary at this time as well is inside locked/fenced area.		
22	LF7MW-23		LF003	1177765.45	1137119.19	Yes	No	Flushmount	Yes	Acceptable	No	Yes	14.0	486.04	487.83			4.0 - 14.0	10.0		Unknown				No lock necessary at this time as well is inside locked/fenced area.		
23	LF7MW-26		LF003	1178060.22	1137047.43	Yes	No	Stick-up	Yes	Good	Yes	Yes	16.5	499.77	502.03			6.5 - 16.5	10.0		Unknown						
24	LF7MW-27		LF003	1178508.12	1136579.73	Yes	No	Stick-up	Yes	Good	Yes	Yes	12.5	501.36	503.41			2.5 - 12.5	10.0		Unknown						
25	LF7MW-28		LF003	1177972.90	1136790.61	No							11.5	485.81	487.83			1.5 - 11.5	10.0						Unable to Locate		
26	LF7MW-29		LF003	1178541.35	1137510.34	Yes	No	Stick-up	Yes	Good	Yes	Yes	21.0	522.46	525.56			11.0 - 21.0	10.0		Unknown						
27	LF7MW-30		LF003	1177806.46	1137473.59	Yes	No	Stick-up	Yes	Good	Yes	Yes	11.5	494.39	496.17			1.5 - 11.5	10.0		Unknown						
28	LF7MW-100		LF003	1178139.99	1136973.28	Yes	No	Stick-up	Yes	Good	No	Yes	43.0	500.99	503.57			33.0 - 43.0	10.0		Unknown				No lock necessary at this time as well is inside locked/fenced area.		
29	LF5MW-1A		LF007	1173976.70	1133819.84	Yes	No	Stick-up	Yes	Good	Yes	Yes	22.9	476.15	478.50			12.9 - 22.9	10.0		Unknown						
30	LF5MW-3		LF007	1173953.00	1133260.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	13.2	460.31	462.45			3.2 - 13.2	10.0		Unknown						
31	LF5MW-5		LF007	1173619.07	1133630.64	Yes	No	Stick-up	Yes	Good	Yes	Yes	12.0	459.58	461.49			2.0 - 12.0	10.0		Unknown	Well Lock Added					
32	MW49D07		LF007	1173539.00	1133247.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	14.0	457.07	459.51			4.0 - 14.0	10.0		Unknown						
33	LF5MW-100R		LF007	1173686.99	1133338.49	Yes	No	Stick-up	Yes	Good	Yes	Yes	67.4	447.63	450.76			57.4 - 67.4	10.0		Unknown						
34	LF6IW-01		LF009	1172402.36	1134947.75	Yes	No	Stick-up	Yes	Good	Yes	Yes	47.0	455.70	457.69			37.0 - 47.0	10.0		Unknown						
35	LF6IW-02		LF009	1172401.39	1134941.80	Yes	No	Stick-up	Yes	Good	Yes	Yes	55.0	455.45	457.41			45.0 - 55.0	10.0		Unknown						
36	LF6IW-03		LF009	1172396.27	1134953.35	Yes	No	Stick-up	Yes	Good	Yes	Yes	55.0	455.80	457.62			45.0 - 55.0	10.0		Unknown						
37	LF6IW-04		LF009	1172401.15	1134956.96	Yes	No	Stick-up	Yes	Good	Yes	Yes	55.0	456.43	458.77			45.0 - 55.0	10.0		Unknown						
38	LF6IW-05		LF009	1172400.69	1134930.30	Yes	No	Stick-up	Yes	Good	Yes	Yes	47.0	455.26	456.97			37.0 - 47.0	10.0		Unknown						
39	LF6IW-06		LF009	1172396.53	1134935.76	Yes	No	Stick-up	Yes	Good	Yes	Yes	55.0	455.50	457.67			45.0 - 55.0	10.0		Unknown						
40	LF6MW-1		LF009	1172661.00	1135717.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	67.3	518.12	519.33			57.3 - 67.3	10.0		Unknown						
41	LF6MW-12		LF009	1172397.87	1134944.13	Yes	No	Stick-up	Yes	Good	Yes	Yes	51.0	455.61	457.59			41.0 - 51.0	10.0		Unknown						
42	LF6MW-13RD	X	LF009	1172084.49	1134909.71	Yes	No	Stick-up	Yes	N/A	Yes	Yes	40.0	451.51	453.41	41.25	39.35	20.0 - 40.0	20.0	3.25%	No				Update Well ID nomenclature to LF6MW-13RD.		
43	LF6MW-14BR		LF009	1172017.01	1135059.12	Yes	No	Stick-up	Yes	Good	Yes	Yes	112.5	454.17	456.61			102.5 - 112.5	10.0		Unknown						
44	LF6MW-16	X	LF009	1172393.53	1134940.32	Yes	No	Stick-up	Yes	Good	Yes	Yes	47.0	455.41	457.39	47.22	45.24	37.0 - 47.0	10.0	17.60%	No				Add measuring point to top of PVC casing.		
45	LF6MW-17	X	LF009	1172392.96	1134947.91	Yes	No	Stick-up	Yes	Good	Yes	Yes	55.0	456.04	457.96	56.90	54.98	45.0 - 55.0	10.0	0.20%	No						
46	LF6MW-18		LF009	1172377.76	1134946.07	Yes	No	Stick-up	Yes	Good	Yes	Yes	47.0	455.59	457.47			37.0 - 47.0	10.0		Unknown						
47	LF6MW-19		LF009	1172384.58	1134953.47	Yes	No	Stick-up	Yes	Good	Yes	Yes	55.0	455.83	457.70			45.0 - 55.0	10.0		Unknown						
48	LF6MW-20	X	LF009	1172390.70	1134934.67	Yes	No	Stick-up	Yes	Good	Yes	Yes	51.0	455.35	457.31	53.12	51.16	41.0 - 51.0	10.0	-1.60%	No						
49	LF6MW-27		LF009	1172473.54	1134837.28	Yes	No	Stick-up	Yes	Good	Yes	Yes	55.0	453.46	455.48			35.0 - 55.0	20.0		Unknown						
50	LF6MW-28		LF009	1172500.73	1134993.37	Yes	No	Stick-up	Yes	Good	Yes	Yes	45.0	455.78	457.03			25.0 - 45.0	20.0		Unknown						
51	LF6MW-29		LF009	1172485.75	1135172.31	Yes	No	Stick-up	Yes	Good	Yes	Yes	37.0	466.62	468.54			17.0 - 37.0	20.0		Unknown						

**Table 1  
Former Griffiss AFB  
2017 Well Inventory**

Count	Well ID	Sampled Fall 2017	IRP Site	Northing	Easting	Well Located (Yes/No)	Well Abandoned (Yes/No)	Stick-up or Flush Mount Completion	Well Plate/Well Identification	Concrete Pad Condition	Lock Present	Well Cap Present	As-Built Depth (ft bgs)	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth (ft btoc)	Measured Depth (ft bgs)	Screened Interval (ft bgs)	Screen Length	Screen Silted	Needs Redevelopment	2017 Repairs and Redevelopment	Repair Remarks	Future Action/Repairs Needed	Justification for Not Identifying Well	Comments
56	LF6TW-33	X	LF009	1172409.41	1134923.99	Yes	No	Stick-up	Yes	N/A	Yes	Yes	39.0	456.17	459.74	42.35	38.78	19.0 - 39.0	20.0	1.10%	No					Incorrect total depth and screened interval entered into ERPIMS (total depth 25'/screen 15'-25'). Values presented in this table are from AR 2175 (Parsons, May 2007).
57	LF6TW-34	X	LF009	1172448.34	1134987.84	Yes	No	Stick-up	Yes	N/A	Yes	Yes	55.0	457.60	460.00	55.21	52.81	35.0 - 55.0	20.0	10.95%	No					Incorrect total depth and screened interval entered into ERPIMS (total depth 25'/screen 15'-25'). Values presented in this table are from AR 2175 (Parsons, May 2007).
58	LF6TW-35	X	LF009	1172393.30	1135014.77	Yes	No	Stick-up	Yes	N/A	Yes	Yes	55.0	457.39	459.27	56.40	54.52	35.0 - 55.0	20.0	2.40%	No		Add measuring point to top of PVC casing.			Incorrect total depth and screened interval entered into ERPIMS (total depth 25'/screen 15'-25'). Values presented in this table are from AR 2175 (Parsons, May 2007).
59	LF6TW-36	X	LF009	1172338.33	1134950.04	Yes	No	Stick-up	Yes	N/A	Yes	Yes	55.0	455.08	459.08	57.83	53.83	35.0 - 55.0	20.0	5.85%	No					Incorrect total depth and screened interval entered into ERPIMS (total depth 25'/screen 15'-25'). Values presented in this table are from AR 2175 (Parsons, May 2007).
60	LF6TW-37		LF009	1172337.31	1135007.88	Yes	No	Stick-up	No	N/A	Yes	Yes	55.0	455.98	459.35			35.0 - 55.0	20.0		Unknown		Add Well ID.			Incorrect total depth and screened interval entered into ERPIMS (total depth 25'/screen 15'-25'). Values presented in this table are from AR 2175 (Parsons, May 2007).
61	LF6TW-38	X	LF009	1172288.45	1134986.99	Yes	No	Stick-up	Yes	N/A	Yes	Yes	55.0	457.35	460.53	57.41	54.23	35.0 - 55.0	20.0	3.85%	No		Add measuring point to top of PVC casing.			Incorrect total depth and screened interval entered into ERPIMS (total depth 25'/screen 15'-25'). Values presented in this table are from AR 2175 (Parsons, May 2007).
62	LF6VMW-10R2		LF009	1172210.55	1135288.97	Yes	No	Stick-up	Yes	Good	Yes	Yes	35.0	464.20	466.14			25.0 - 35.0	10.0		Unknown					
63	LF6VMW-13R	X	LF009	1172095.12	1134923.10	Yes	No	Stick-up	Yes	N/A	Yes	Yes	37.0	453.12	454.66	37.90	36.36	17.0 - 37.0	20.0	3.20%	No					
64	LF6VMW-14		LF009	1172000.51	1135036.68	Yes	No	Stick-up	Yes	Good	Yes	Yes	42.0	452.69	454.87			22.0 - 42.0	20.0		Unknown					
65	LF6VMW-15R		LF009	1171960.35	1135290.01	Yes	No	Stick-up	Yes	Good	Yes	Yes	40.0	464.42	466.61			30.0 - 40.0	10.0		Unknown					
66	LF6VMW-17D		LF009	1172076.60	1135535.30	Yes	No	Stick-up	Yes	Good	Yes	Yes	50.0	465.10	467.18			40.0 - 50.0	10.0		Unknown					
67	LF6VMW-17S		LF009	1172097.90	1135538.30	Yes	No	Stick-up	Yes	Good	Yes	Yes	16.0	464.88	466.69			6.0 - 16.0	10.0		Unknown					
68	LF6VMW-18		LF009	1171848.40	1135825.10	Yes	No	Stick-up	Yes	Good	Yes	Yes	55.0	460.98	463.15			45.0 - 55.0	10.0		Unknown					
69	LF6VMW-19		LF009	1171788.90	1136060.80	Yes	No	Stick-up	Yes	Good	Yes	Yes	30.0	460.25	461.75			20.0 - 30.0	10.0		Unknown					
70	LF6VMW-20		LF009	1171846.50	1136385.50	Yes	No	Stick-up	Yes	Good	Yes	Yes	70.5	461.96	464.79			60.5 - 70.5	10.0		Unknown					
71	LF6VMW-21		LF009	1172188.00	1136190.50	Yes	No	Stick-up	Yes	Good	Yes	Yes	70.5	495.43	497.74			60.5 - 70.5	10.0		Unknown					
72	LF6VMW-22		LF009	1172260.50	1135381.60	Yes	No	Stick-up	Yes	Good	Yes	Yes	40.0	465.71	467.64			30.0 - 40.0	10.0		Unknown	Well Lock Added				
73	LF6VMW-23		LF009	1172406.00	1135269.20	Yes	No	Stick-up	Yes	Good	Yes	Yes	50.3	467.64	469.65			40.3 - 50.3	10.0		Unknown					
74	LF6VMW-24		LF009	1172533.20	1135097.50	Yes	No	Stick-up	Yes	Good	Yes	Yes	51.0	463.25	465.76			41.0 - 51.0	10.0		Unknown					
75	LF6VMW-25		LF009	1172589.50	1134850.20	Yes	No	Stick-up	Yes	Good	Yes	Yes	49.0	455.60	457.69			39.0 - 49.0	10.0		Unknown					
76	LF6VMW-26	X	LF009	1172226.72	1134927.56	Yes	No	Stick-up	Yes	Good	Yes	Yes	55.0	455.08	457.90	55.70	52.88	45.0 - 55.0	10.0	21.20%	No	Well Cap Added				Redevelopment unnecessary based on 2017 total depth measurement.
77	TMCMW-9		LF009	1172582.00	1134859.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	28.0	455.48	457.16			18.0 - 28.0	10.0		Unknown					
78	TMC-USGS-2		LF009	1171621.00	1135667.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	26.5	452.61	455.11			24.0 - 26.5	2.5		Unknown					
79	LAWMW-19		NA	1171023.00	1137732.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	51.8	489.97	491.76			41.8 - 51.8	10.0		Unknown					
80	TMC-USGS-1		NA	1171250.00	1135344.00	No							21.5	454.91	457.81			19.0 - 21.5	2.5							Time Constraint
81	TMC-USGS-10		NA	1172262.00	1134234.00	No							22.5	459.10	462.64			20.0 - 22.5	2.5							Time Constraint
82	782MW-1		SD052-01	1175125.90	1137634.60	Yes	No	Flushmount	Yes	Good	Yes	Yes	32.7	473.76	473.58			22.7 - 32.7	10.0		Unknown	Well ID Added				Well listed in historical report as being "previously decommissioned" (AECOM/Cape, May 2016) but well was identified during 2016 and 2017 field inspections.
83	782MW-1R		SD052-01	1175131.00	1137630.00	Yes	No	Flushmount	Yes	Good	No	Yes	28.3	473.62	473.38			18.3 - 28.3	10.0		Unknown	Well ID Added	No lock necessary at this time as well is inside locked/fenced area.			
84	782MW-2		SD052-01	1174856.00	1136942.00	No							20.0	474.57	474.32			10.0 - 20.0	10.0						Unable to Locate	
85	782MW-3		SD052-01	1175289.30	1137307.59	No							19.0	473.81	473.49			9.0 - 19.0	10.0						Unable to Locate	Well listed in historical report as being "previously decommissioned" (AECOM/Cape, May 2016) but well was identified, gauged, and sampled during December 2016 PFC Site Investigation activities (Amec Foster Wheeler, April 2017).
86	782MW-3R		SD052-01	1175294.00	1137315.00	No							31.6	473.67	473.33			16.6 - 31.6	15.0						Unable to Locate	Well listed in historical report as being "retained for PFC Release Determination Investigation" (AECOM/Cape, May 2016) but well was not identified during 2017 field inspection. Well was identified, gauged, and sampled during December 2016 PFC Site Investigation Activities (Amec Foster Wheeler, April 2017).
87	782MW-5		SD052-01	1174918.00	1136711.00	No							25.0	478.08	478.08			15.0 - 25.0	10.0						Unable to Locate	Same value for ground surface and top of casing provided in ERPIMS. As no other survey information is readily available the duplicate values are presented in this table.
88	782MW-6D		SD052-01	1174869.57	1137670.31	Yes	No	Stick-up	Yes	Good	Yes	Yes	48.0	478.54	478.55			38.0 - 48.0	10.0		Unknown	Well ID Added				

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Count	Well ID	Sampled Fall 2017	IRP Site	Northing	Easting	Well Located (Yes/No)	Well Abandoned (Yes/No)	Stick-up or Flush Mount Completion	Well Plate/Well Identification	Concrete Pad Condition	Lock Present	Well Cap Present	As-Built Depth (ft bgs)	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth (ft btoc)	Measured Depth (ft bgs)	Screened Interval (ft bgs)	Screen Length	Screen Silted	Needs Redevelopment	2017 Repairs and Redevelopment	Repair Remarks	Future Action/Repairs Needed	Justification for Not Identifying Well	Comments
89	782MW-6R2		SD052-01	1174890.35	1137643.75	Yes	No	Stick-up	Yes	Good	Yes	Yes	34.5	476.82	478.42			19.5 - 34.5	15.0		Unknown	Well ID Added				
90	782MW-9		SD052-01	1175045.31	1137985.45	Yes	No	Flushmount	Yes	Good	Yes	Yes	30.0	476.51	476.54			15.0 - 30.0	15.0		Unknown					
91	782MW-10	X	SD052-01	1174739.67	1137498.35	Yes	No	Flushmount	Yes	Good	No	Yes	34.0	477.79	477.50	32.20	31.91	19.0 - 34.0	15.0	13.93%	No	Well ID Added	No lock necessary at this time as well is inside locked/fenced area.	Add measuring point to top of PVC casing.		
92	782MW-11		SD052-01/SS063	1175150.04	1137909.34	Yes	No	Stick-up	Yes	Good	Yes	Yes	32.7	475.68	478.21			22.7 - 32.7	10.0		Unknown	Well ID Added				
93	782MW-12		SD052-01/SS063	1175304.35	1137741.62	Yes	No	Stick-up	Yes	Good	Yes	Yes	33.0	476.04	478.68			23.0 - 33.0	10.0		Unknown	Well ID Added				Animal burrow adjacent to and below concrete pad.
94	782-MW184		SD052-01	1174819.11	1138003.00	Yes	No	Flushmount	Yes	Good	Yes	Yes	74.5	476.20	475.86		-0.34	64.5 - 74.5	10.0		Unknown	Well ID Added				
95	782VMW-76	X	SD052-01	1174418.22	1137171.89	Yes	No	Flushmount	Yes	Good	No	Yes	43.0	477.86	477.59	41.50	41.23	33.0 - 43.0	10.0	17.70%	No		No lock necessary at this time as well is inside locked/fenced area.			
96	782VMW-78	X	SD052-01	1174578.68	1137025.78	Yes	No	Stick-up	Yes	Good	No	Yes	42.0	478.26	481.22	45.20	42.24	32.0 - 42.0	10.0	-2.40%	No		Two damaged bollards.	Add Well Lock. Bollard repair.		Well lock broke during 2017 inspection.
97	782VMW-80		SD052-01	1174200.51	1136961.98	Yes - Grouted	Yes						38.0	477.87	477.41			28.0 - 38.0	10.0				Appears to have been abandoned - concrete/grout poured over well.			Well recommended for removal from the Former Griffiss AFB active well list.
98	782VMW-81	X	SD052-01	1174369.98	1136784.76	Yes	No	Stick-up	Yes	Good	Yes	Yes	50.0	477.71	479.57	49.85	47.99	40.0 - 50.0	10.0	20.10%	No					
99	782VMW-82		SD052-01	1174499.71	1136644.46	Yes	No	Stick-up	Yes	Good	Yes	Yes	48.0	475.49	478.06			38.0 - 48.0	10.0		Unknown	Well ID Added				
100	782VMW-83		SD052-01	1174121.75	1136506.61	Yes	No	Stick-up	Yes	Good	Yes	Yes	35.0	477.72	480.13			25.0 - 35.0	10.0		Unknown	Well ID Added				
101	782VMW-84	X	SD052-01	1174821.59	1137992.22	Yes	No	Flushmount	Yes	Acceptable	No	Yes	44.5	476.40	476.08	45.20	44.88	34.5 - 44.5	10.0	-3.80%	No		No lock necessary at this time as well is inside locked/fenced area.	Add measuring point to top of PVC casing.		
102	782VMW-84D	X	SD052-01	1174796.74	1138001.78	Yes	No	Flushmount	Yes	Good	No	Yes	56.5	475.57	475.18			41.5 - 56.5	15.0		Unknown	Well ID Added	No lock necessary at this time as well is inside locked/fenced area.			Obstruction in well at approximately 5-ft. below top of casing. Could not obtain total depth measurement or perform well redevelopment. Total depth and screened interval details not available in ERPIMS. Values presented in this table are from field logbook contained in AR2334.1 (EEEEPC/Parsons, August 2011).
103	782VMW-85		SD052-01	1175001.90	1137788.48	Yes	No	Stick-up	Yes	Good	Yes	Yes	39.0	475.70	478.02			29.0 - 39.0	10.0		Unknown	Well ID Added				
104	782VMW-86		SD052-01	1175194.30	1137587.73	Yes	No	Stick-up	Yes	Good	Yes	Yes	37.0	475.65	477.68			27.0 - 37.0	10.0		Unknown	Well ID Added				
105	782VMW-87		SD052-01	1174719.49	1138182.13	Yes	No	Flushmount	Yes	Good	Yes	Yes	40.0	476.86	476.27			30.0 - 40.0	10.0		Unknown	Well ID Added				
106	782VMW-88		SD052-01	1174912.33	1138272.99	No	No						40.0	478.15	477.75			30.0 - 40.0	10.0						Unable to Locate	
107	782VMW-89		SD052-01	1175100.54	1137690.09	Yes	No	Stick-up	Yes	Good	Yes	Yes	40.0	475.94	478.85			25.0 - 40.0	15.0		Unknown	Well ID Added				
108	782VMW-90		SD052-01	1175018.57	1137506.82	Yes	No	Stick-up	Yes	Good	Yes	Yes	30.0	476.23	478.95			20.0 - 30.0	10.0		Unknown	Well ID Added				
109	782VMW-92		SD052-01	1174479.88	1137671.17	Yes	No	Flushmount	Yes	Good	Yes	Yes	40.0	476.99	476.65			30.0 - 40.0	10.0		Unknown	Well ID Added				
110	782VMW-93		SD052-01	1174569.71	1137325.35	Yes	No	Flushmount	Yes	Good	Yes	Yes	40.0	477.87	477.57			30.0 - 40.0	10.0		Unknown	Well ID Added				
111	782VMW-94		SD052-01	1174743.61	1137348.67	Yes	No	Flushmount	Yes	Good	Yes	Yes	44.5	478.3	478.03			34.5 - 44.5	10.0		Unknown	Well ID Added				
112	782VMW-95		SD052-01	1174876.73	1137231.06	Yes	No	Stick-up	Yes	Good	Yes	Yes	35.0	477.19	479.26			20.0 - 35.0	15.0		Unknown	Well ID Added				
113	782VMW-96	X	SD052-01	1174603.52	1137545.52	Yes	No	Flushmount	Yes	Acceptable	No	Yes	43.0	477.13	476.73	41.80	41.40	33.0 - 43.0	10.0	16.00%	No		No lock necessary at this time as well is inside locked/fenced area.			
114	782VMW-97		SD052-01	1174073.12	1136622.81	Yes	No	Stick-up	Yes	Good	Yes	Yes	35.0	478.52	480.76			25.0 - 35.0	10.0		Unknown	Well ID Added				
115	782VMW-98		SD052-01	1173953.03	1136359.76	Yes	No	Stick-up	Yes	Good	Yes	Yes	35.0	477.06	479.47			25.0 - 35.0	10.0		Unknown					
116	782VMW-99		SD052-01	1173703.09	1136597.73	Yes	No	Stick-up	Yes	Good	Yes	Yes	35.0	477.83	480.89			20.0 - 35.0	15.0		Unknown	Well ID Added				
117	782VMW-100		SD052-01	1174894.76	1138716.31	Yes	No	Stick-up	Yes	Good	Yes	Yes	25.0	457.10	459.94		-2.84	10.0 - 25.0	15.0		Unknown					
118	782VMW-101	X	SD052-01	1174658.16	1138910.74	Yes	No	Stick-up	Yes	Good	Yes	Yes	22.0	451.11	453.95	25.00	22.16	7.0 - 22.0	15.0	-1.07%	No					
119	782VMW-102		SD052-01	1174386.72	1139063.60	Yes	No	Stick-up	Yes	Good	Yes	Yes	23.0	448.82	451.84			8.0 - 23.0	15.0		Unknown	Well ID Added				
120	782VMW-104		SD052-01	1174163.56	1136567.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	33.0	477.04	479.63			18.0 - 33.0	15.0		Unknown	Well ID Added				
121	782VMW-105B	X	SD052-01	1174207.49	1136605.09	Yes	No	Stick-up	Yes	Good	Yes	Yes	42.0	477.37	480.25			27.0 - 42.0	15.0		Unknown					One missing bollard. Dedicated bladder pump catches on inside of well casing at approximately 6-ft. below top of casing. Obstruction does not prevent pump from being deployed into well. Could not obtain total depth measurement.
122	782VMW-121	X	SD052-01	1174778.29	1138757.34	Yes	No	Stick-up	Yes	Good	Yes	Yes	25.0	458.06	459.87	27.90	26.09	10.0 - 25.0	15.0	-7.27%	No					Total depth and screened interval details not available in ERPIMS. Values presented in this table are from field logbook contained in AR2334.1 (EEEEPC/Parsons, August 2011).
123	782VMW-121D	X	SD052-01	1174761.65	1138752.45	Yes	No	Stick-up	Yes	Good	No	Yes	31.0	458.81	460.71	33.42	31.52	21.0 - 31.0	10.0	-5.20%	No		Lock broke during 2017 inspection. No lock necessary at this time as well is inside locked/fenced area.			Total depth and screened interval details not available in ERPIMS. Values presented in this table are from field logbook contained in AR2334.1 (EEEEPC/Parsons, August 2011).
124	AP2MW-3	X	SD052-01	1174551.00	1138744.00	Yes	No	Flushmount	Yes	Good	No	Yes	33.6	465.97	465.63	33.70	33.36	19.0 - 33.6	14.6	1.37%	No	Well ID Added	No lock necessary at this time as well is inside locked/fenced area.			
125	AP2MW-B15		SD052-01	1174446.03	1137800.77	Yes	No	Flushmount	Yes	Good	Yes	Yes	25.6	477.57	477.22			10.6 - 25.6	15.0		Unknown	Well ID Added	Inspect well integrity and gauge total depth.			Well listed in historical report as being decommissioned (AECOM/Cape, December 2015) but well was identified during 2016 and 2017 field inspections.

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Former Griffiss AFB  
2017 Well Inventory**

Count	Well ID	Sampled Fall 2017	IRP Site	Northing	Easting	Well Located (Yes/No)	Well Abandoned (Yes/No)	Stick-up or Flush Mount Completion	Well Plate/Well Identification	Concrete Pad Condition	Lock Present	Well Cap Present	As-Built Depth (ft bgs)	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth (ft btoc)	Measured Depth (ft bgs)	Screened Interval (ft bgs)	Screen Length	Screen Silted	Needs Redevelopment	2017 Repairs and Redevelopment	Repair Remarks	Future Action/Repairs Needed	Justification for Not Identifying Well	Comments
126	AP2MW-B3N		SD052-01	1174179.15	1137662.13	Yes	No	Flushmount	Yes	Good	Yes	Yes	25.5	477.97	477.54			15.5 - 25.5	10.0		Unknown	Well ID Added		Inspect well integrity and gauge total depth.		Well listed in historical report as being decommissioned (AECOM/Cape, December 2015) but well was identified during 2016 and 2017 field inspections.
127	AP2MW-B7S		SD052-01	1174944.08	1136972.39	No							24.0	477.23	476.67			14.0 - 24.0	10.0						Unable to Locate	
128	AP2MW-LD1SW		SD052-01	1173083.54	1137089.58	No							24.0	480.40	479.95			14.0 - 24.0	10.0						Unable to Locate	
129	AP2PIW-7		SD052-01	1173154.29	1137180.90	No							0.0					0.0 - 0.0	0.0						Unable to Locate	
130	AP2PIW-11		SD052-01	1174128.40	1136673.73	No							0.0					0.0 - 0.0	0.0						Unable to Locate	
131	AP2TW-90		SD052-01	1174579.88	1138517.15	No							0.0					0.0 - 0.0	0.0						Unable to Locate	
132	775EW-1		SD052-02	1173032.34	1135795.01	Yes	No	Flushmount	Yes	N/A	No	Yes	76.0	516.72	516.56	33.70	79.75	56.0 - 76.0	20.0	-18.75%	No	Well ID Added	Wellhead completion does not allow for lock installation.			
133	775EW-1R		SD052-02	1172983.69	1135816.60	Yes	No	Flushmount	Yes	Good	No	Yes	0.0	516.40	515.55			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
134	775EW-3		SD052-02	1172996.82	1135753.37	Yes	No	Flushmount	Yes	Good	No	Yes	0.0	516.02	515.16			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
135	775MW-1		SD052-02	1173422.00	1135927.00	No							64.5					49.5 - 64.5	15.0						Unable to Locate	
136	775MW-2		SD052-02	1173493.00	1135938.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	65.0	514.08	515.65			50.0 - 65.0	15.0		Unknown					
137	775MW-6	X	SD052-02	1173123.00	1135631.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	78.0	517.18	518.02	78.75	77.91	68.0 - 78.0	10.0	0.90%	No			Add measuring point to top of PVC casing.		
138	775-MW20	X	SD052-02	1172598.94	1135787.11	Yes	No	Stick-up	Yes	N/A	Yes	Yes	120.2	518.14	520.35	120.30	118.09	110.2 - 120.2	10.0	21.10%	No					
139	775-MW20R		SD052-02	1172590.24	1135795.13	Yes	No	Stick-up	Yes	Good	Yes	Yes	138.7	518.62	519.48			133.7 - 138.7	5.0		Unknown					
140	775-MW20RBR		SD052-02	1172492.89	1135900.74	Yes	No	Stick-up	Yes	Good	Yes	Yes	169.7	518.58	519.50			159.7 - 169.7	10.0		Unknown					
141	775MW-27	X	SD052-02	1173004.19	1135837.05	Yes	No	Flushmount	Yes	Good	Yes	Yes	80.8	516.59	515.99			60.8 - 80.8	20.0		Unknown	Well ID Added	Add measuring point to top of PVC casing.		Unable to remove dedicated bladder pump from well. Could not obtain total depth measurement.	
142	775MW-28	X	SD052-02	1172787.53	1135778.13	Yes	No	Stick-up	Yes	Good	Yes	Yes	91.0	515.72	517.68	93.04	91.08	71.0 - 91.0	20.0	-0.40%	No					
143	775VMW-4	X	SD052-02	1173227.00	1135813.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	70.0	517.64	518.51	70.16	69.29	60.0 - 70.0	10.0	7.10%	No					
144	775VMW-5	X	SD052-02	1173147.00	1135890.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	75.0	517.94	518.64	76.90	76.20	65.0 - 75.0	10.0	-12.00%	No		Inner ring on steel riser lid needs repair.	Repair/replace inner ring on steel riser lid.		
145	775VMW-8	X	SD052-02	1172910.00	1135803.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	78.0	517.79	518.22	79.58	79.15	68.0 - 78.0	10.0	-11.50%	No					
146	775VMW-9	X	SD052-02	1172920.34	1135482.28	Yes	No	Stick-up	Yes	Good	Yes	Yes	99.0	511.92	513.63	99.70	97.99	84.0 - 99.0	15.0	6.73%	No					
147	775VMW-10	X	SD052-02	1172769.09	1135613.75	Yes	No	Stick-up	Yes	N/A	No	Yes	103.0	515.14	517.22	101.72	99.64	88.0 - 103.0	15.0	22.40%	No		Add Well Lock.		Well lock broke during 2017 inspection.	
148	775VMW-11		SD052-02	1173630.84	1136124.93	Yes	No	Stick-up	Yes	Good	Yes	Yes	57.0	484.66	486.60			47.0 - 57.0	10.0		Unknown	Well ID Added				
149	775VMW-14		SD052-02	1173337.31	1136103.63	Yes	No	Stick-up	Yes	Good	Yes	Yes	70.0	513.91	515.85			60.0 - 70.0	10.0		Unknown					
150	775VMW-15R1		SD052-02	1173477.86	1135425.48	Yes	No	Stick-up	Yes	Good	Yes	Yes	104.0	516.54	518.82			94.0 - 104.0	10.0		Unknown	Well ID Added				
151	775VMW-16		SD052-02	1172880.00	1136036.31	Yes	No	Stick-up	Yes	Acceptable	Yes	Yes	87.0	518.96	520.94			77.0 - 87.0	10.0		Unknown	Well ID Added				
152	775VMW-18R		SD052-02/LF009	1173166.52	1135300.79	Yes	No	Stick-up	Yes	Good	Yes	Yes	95.0	508.67	510.71			85.0 - 95.0	10.0		Unknown					
153	775VMW-19R	X	SD052-02	1172790.97	1135700.29	Yes	No	Stick-up	Yes	Good	Yes	Yes	75.0	515.58	517.46	76.87	74.99	55.0 - 75.0	20.0	0.05%	No					Total depth and screened interval details not available in ERPIMS. Values presented in this table are from field logbook contained in AR2334.1 (EHEPC/Parsons, August 2011).
154	775VMW-20R	X	SD052-02/LF009	1172499.98	1135888.24	Yes	No	Stick-up	Yes	N/A	Yes	Yes	115.0	518.85	521.11	115.45	113.19	105.0 - 115.0	10.0	18.10%	No					
155	775VMW-23		SD052-02	1173770.00	1135979.80	Yes	No	Stick-up	Yes	Good	Yes	Yes	35.0	484.35	486.77			25.0 - 35.0	10.0		Unknown	Well ID Added				
156	775VMW-24		SD052-02	1173495.87	1136265.91	Yes	No	Stick-up	Yes	Good	Yes	Yes	67.0	483.79	485.40			57.0 - 67.0	10.0		Unknown	Well ID Added				
157	775VMW-25		SD052-02	1173593.32	1135621.88	Yes	No	Stick-up	Yes	Good	Yes	Yes	75.0	512.94	512.59			65.0 - 75.0	10.0		Unknown	Well ID Added				
158	SD052-02_IW-01		SD052-02	1173188.90	1135887.00	Yes	No	Flushmount	Yes	Good	Yes	Yes	78.0					68.0 - 78.0	10.0		Unknown					
159	SD052-02_IW-02		SD052-02	1173178.30	1135912.30	Yes	No	Flushmount	Yes	Good	Yes	Yes	78.0					68.0 - 78.0	10.0		Unknown					
160	SD052-02_IW-03		SD052-02	1173127.90	1135662.50	Yes	No	Flushmount	Yes	Good	Yes	Yes	78.0					68.0 - 78.0	10.0		Unknown					
161	SD052-02_IW-04		SD052-02	1173108.00	1135698.10	Yes	No	Flushmount	Yes	Good	Yes	Yes	84.0					64.0 - 84.0	20.0		Unknown					
162	SD052-02_IW-05		SD052-02	1173108.90	1135819.70	Yes	No	Flushmount	Yes	Good	Yes	Yes	84.0					64.0 - 84.0	20.0		Unknown					
163	SD052-02_IW-06		SD052-02	1173056.80	1135873.60	Yes	No	Flushmount	Yes	Good	Yes	Yes	83.0					63.0 - 83.0	20.0		Unknown					
164	SD052-02_IW-07		SD052-02	1173147.50	1135624.00	Yes	No	Flushmount	Yes	Good	Yes	Yes	78.0					68.0 - 78.0	10.0		Unknown					
165	SD052-02_IW-08		SD052-02	1173121.50	1135550.20	Yes	No	Flushmount	Yes	Good	No	Yes	92.0					72.0 - 92.0	20.0		Unknown		Wellhead completion does not allow for lock installation.			
166	SD052-02_IW-09		SD052-02	1173063.10	1135598.80	Yes	No	Flushmount	Yes	Good	Yes	Yes	92.0					72.0 - 92.0	20.0		Unknown					
167	SD052-02_IW-12		SD052-02	1173019.30	1135523.30	Yes	No	Flushmount	Yes	Good	Yes	Yes	100.0					80.0 - 100.0	20.0		Unknown					
168	SD052-02_IW-13		SD052-02	1172971.00	1135552.50	Yes	No	Flushmount	Yes	Good	Yes	Yes	100.0					80.0 - 100.0	20.0		Unknown					
169	SD052-02_IW-14		SD052-02	1135552.50	1135801.90	Yes	No	Flushmount	Yes	Good	Yes	Yes	78.0					68.0 - 78.0	10.0		Unknown					
170	817IW-1		SD052-05	1180082.76	1135879.96	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	518.59				0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
171	817IW-2		SD052-05	1180076.77	1135885.76	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	518.88				0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
172	817IW-3		SD052-05	1180069.76	1135891.10	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	519.05				0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			



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Count	Well ID	Sampled Fall 2017	IRP Site	Northing	Easting	Well Located (Yes/No)	Well Abandoned (Yes/No)	Stick-up or Flush Mount Completion	Well Plate/Well Identification	Concrete Pad Condition	Lock Present	Well Cap Present	As-Built Depth (ft bgs)	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth (ft btoc)	Measured Depth (ft bgs)	Screened Interval (ft bgs)	Screen Length	Screen Silted	Needs Redevelopment	2017 Repairs and Redevelopment	Repair Remarks	Future Action/Repairs Needed	Justification for Not Identifying Well	Comments
173	817IW-4		SD052-05	1180064.86	1135898.52	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	519.23				0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
174	817IW-5		SD052-05	1180059.69	1135903.22	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	519.17				0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
175	817IW-6		SD052-05	1180054.25	1135908.66	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	519.12				0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
176	817IW-7		SD052-05	1180049.52	1135913.91	No							0.0	519.29				0.0 - 0.0	0.0					Unable to Locate		
177	817IW-8		SD052-05	1180043.77	1135917.10	No							0.0	519.40				0.0 - 0.0	0.0					Unable to Locate		
178	817MW-1	X	SD052-05	1180068.47	1135910.04	Yes	No	Stick-up	No	N/A	Yes	Yes	20.0	519.93	522.10	21.10	18.93	10.0 - 20.0	10.0	10.70%	No			Add Well ID.		
179	817MW-2	X	SD052-05	1180055.06	1135894.73	Yes	No	Stick-up	No	N/A	Yes	Yes	20.0	518.89	521.06	18.34	16.17	10.0 - 20.0	10.0	38.30%	No	Redevelopment Performed		Add Well ID. Add measuring point to top of PVC casing.		Redevelopment performed. Available well construction information appears to be inaccurate based on field measurements.
180	817MW-3	X	SD052-05	1180034.09	1135874.52	Yes	No	Stick-up	No	N/A	Yes	Yes	20.0	517.72	519.80	20.85	18.77	10.0 - 20.0	10.0	12.30%	No			Add Well ID.		
181	LAWMW-9	X	SD052-05	1179884.00	1135570.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	17.0	505.83	507.84	19.30	17.29	7.0 - 17.0	10.0	-2.50%	No			Add measuring point to top of PVC casing.		
182	WSA-IW01		SD052-05	1179950.44	1135783.51	Yes	No	Stick-up	Yes	Good	Yes	Yes	19.0	512.69	514.77			9.0 - 19.0	10.0		Unknown	Well ID Added				
183	WSA-IW02		SD052-05	1179957.83	1135790.28	Yes	No	Stick-up	Yes	Good	Yes	Yes	20.0	512.39	514.61			10.0 - 20.0	10.0		Unknown	Well ID Added				
184	WSA-IW03		SD052-05	1179958.91	1135800.50	Yes	No	Stick-up	Yes	Good	Yes	Yes	20.0	512.71	515.10			10.0 - 20.0	10.0		Unknown	Well ID Added				
185	WSA-IW04		SD052-05	1179949.01	1135811.54	Yes	No	Stick-up	Yes	Good	Yes	Yes	19.5	512.18	514.33			9.5 - 19.5	10.0		Unknown	Well ID Added				
186	WSAMW-1		SD052-05	1181750.00	1136181.00	No							30.0	546.37	548.33			20.0 - 30.0	10.0					Access		
187	WSAMW-2		SD052-05	1180469.00	1136049.00	Yes	No	Stick-up	Yes	Good	No	Yes	15.2	531.99	533.95			5.2 - 15.2	10.0		Unknown			Add Well Lock.		
188	WSAMW-3		SD052-05	1180971.00	1134913.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	16.3	527.48	530.34			6.3 - 16.3	10.0		Unknown					
189	WSAMW-8	X	SD052-05	1180198.23	1135971.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	14.0	520.37	521.88	16.00	14.49	4.0 - 14.0	10.0	-4.90%	No					
190	WSAMW-9	X	SD052-05	1179468.66	1135387.24	Yes	No	Stick-up	Yes	Good	Yes	Yes	8.0	482.60	484.19	10.40	8.81	3.0 - 8.0	5.0	-16.20%	No		One damaged bollard.	Bollard repair.		
191	WSAMW-10		SD052-05	1179245.51	1135314.00	No							15.4	479.76	481.07			5.4 - 15.4	10.0					Unable to Locate		
192	WSAMW-11		SD052-05	1179950.70	1135795.44	Yes	No	Stick-up	Yes	Good	Yes	Yes	12.5	512.14	513.89			7.2 - 12.2	5.0		Unknown					
193	WSAMW-11BR		SD052-05	1179950.70	1135795.44	No							0.0	512.14	513.89			0.0 - 0.0	0.0					Unable to Locate	Duplicate well listing with WSAMW-11.	
194	WSAMW-12BR		SD052-05	1179451.23	1135646.55	Yes	No	Stick-up	Yes	Good	Yes	Yes	42.0	500.01	502.13			32.0 - 42.0	10.0		Unknown	Well Lock Added				
195	WSAMW-13BR		SD052-05	1179597.57	1135249.32	Yes	No	Stick-up	Yes	Good	Yes	Yes	43.0	483.08	485.17			23.0 - 43.0	20.0		Unknown	Well Lock Added				
196	WSAMW-14BR		SD052-05	1180205.21	1135964.95	Yes	No	Stick-up	Yes	Good	Yes	Yes	35.0	518.50	522.01			24.7 - 34.7	10.0		Unknown					
197	WSA-MW16	X	SD052-05	1179943.17	1135804.76	Yes	No	Stick-up	Yes	Good	Yes	Yes	20.0	511.86	514.18	22.50	20.18	10.0 - 20.0	10.0	-1.80%	No					
198	WSAMW-18	X	SD052-05	1179990.61	1135831.91	Yes	No	Stick-up	Yes	Good	Yes	Yes	16.0	515.23	516.89	17.98	16.32	11.0 - 16.0	5.0	-6.40%	No	Redevelopment Performed				
199	WSAMW-19	X	SD052-05	1179856.58	1135748.98	Yes	No	Stick-up	Yes	Good	Yes	Yes	18.0	511.79	513.07	20.00	18.72	13.0 - 18.0	5.0	-14.40%	No			Add measuring point to top of PVC casing.		
200	WSAMW-21	X	SD052-05	1179643.16	1135642.04	Yes	No	Stick-up	Yes	Good	Yes	Yes	25.0	509.72	511.68	27.10	25.14	15.0 - 25.0	10.0	-1.40%	No					
201	WSAMW-23	X	SD052-05	1179679.21	1135866.52	Yes	No	Stick-up	Yes	Good	Yes	Yes	25.0	518.16	519.92	27.40	25.64	15.0 - 25.0	10.0	-6.40%	No					
202	WSAMW-24		SD052-05	1180141.84	1135819.82	Yes	No	Flushmount	Yes	Good	Yes	Yes	16.5					6.5 - 16.5	10.0		Unknown					
203	WSAVMW-17	X	SD052-05	1179785.39	1135658.66	Yes	No	Stick-up	Yes	Good	Yes	Yes	25.0	508.83	511.39	28.00	25.44	15.0 - 25.0	10.0	-4.40%	No			Update Well ID nomenclature to WSAVMW-17. Add measuring point to top of PVC casing.		
204	781MW-1		SS054	1172759.69	1136628.86	Yes	No	Stick-up	Yes	Good	Yes	Yes	64.5	514.50	515.71	66.90	65.69	49.5 - 64.5	15.0	-7.93%	No	Well ID Added				
205	781MW-2		SS054	1172828.68	1136642.29	Yes	No	Stick-up	Yes	Good	Yes	Yes	65.0	513.85	515.41	72.45	70.89	50.0 - 65.0	15.0	-39.27%	No	Well ID Added				
206	781MW-3		SS054	1172754.51	1136721.46	Yes	No	Stick-up	Yes	Good	Yes	Yes	69.0	514.04	514.98			54.0 - 69.0	15.0		Unknown	Well ID Added				
207	781MW-4		SS054	1172565.01	1136720.25	Yes	No	Stick-up	Yes	Good	Yes	Yes	64.0	518.68	516.41			54.0 - 64.0	10.0		Unknown	Well ID Added			Available ground surface elevation is contradictory to stick-up surface completion present at this well.	
208	781MW-5		SS054	1172499.44	1136657.45	Yes	No	Stick-up	Yes	Good	No	Yes	65.0	518.90	517.04	68.85	70.71	55.0 - 65.0	10.0	-57.10%	No		Wellhead completion does not allow for lock installation.		Available ground surface elevation is contradictory to stick-up surface completion present at this well.	
209	781MW-6		SS054	1172461.56	1136622.83	Yes	No	Stick-up	Yes	Good	No	Yes	64.0	519.09	517.26	69.70	71.53	54.0 - 64.0	10.0	-75.30%	No		Wellhead completion does not allow for lock installation.		Available ground surface elevation is contradictory to stick-up surface completion present at this well.	
210	781MW-7		SS054	1172555.49	1136524.14	Yes	No	Stick-up	Yes	Good	Yes	Yes	68.0	520.39	518.34	69.12	71.17	58.0 - 68.0	10.0	-31.70%	No	Well ID Added			Available ground surface elevation is contradictory to stick-up surface completion present at this well.	
211	781MW-8	X	SS054	1172670.37	1136612.59	Yes	No	Flushmount	Yes	Good	Yes	Yes	63.0	518.72	516.80	62.80	60.88	53.0 - 63.0	10.0	21.20%	No	Well ID and Well Lock Added			Available ground surface elevation is questionable as top of PVC casing is not 1.92 ft. below ground surface..	
212	781MW-9		SS054	1172729.68	1136670.72	Yes	No	Stick-up	Yes	Good	Yes	Yes	64.0	518.97	516.90	65.57	67.64	54.0 - 64.0	10.0	-36.40%	No	Well ID Added			Available ground surface elevation is contradictory to stick-up surface completion present at this well.	
213	781MW-10		SS054	1172684.51	1136737.07	Yes	No	Stick-up	Yes	Good	No	Yes	63.0	518.05	516.25	67.12	68.92	53.0 - 63.0	10.0	-59.20%	No	Well ID Added	Wellhead completion does not allow for lock installation.		Available ground surface elevation is contradictory to stick-up surface completion present at this well.	

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214	781MW-11		SS054	1172702.30	1136562.64	Yes	No	Flushmount	Yes	Good	Yes	Yes	65.0	513.39	513.81	64.65	65.07	55.0 - 65.0	10.0	-0.70%	No	Well ID Added				Available ground surface elevation is contradictory to flushmount surface completion present at this well.
215	781MW-12		SS054	1172423.31	1136584.90	Yes	No	Stick-up	Yes	Good	No	Yes	68.0	519.11	517.16	70.48	72.43	58.0 - 68.0	10.0	-44.30%	No	Well ID Added	Wellhead completion does not allow for lock installation.			Available ground surface elevation is contradictory to stick-up surface completion present at this well.
216	781MW-13	X	SS054	1172356.88	1136714.54	Yes	No	Stick-up	Yes	Good	Yes	Yes	65.0	514.80	512.75	68.20	70.25	55.0 - 65.0	10.0	-52.50%	No	Well Lock Added				Available ground surface elevation is contradictory to stick-up surface completion present at this well.
217	781MW-13R		SS054	1172359.00	1136710.40	Yes	No	Stick-up	Yes	Good	Yes	Yes	66.5	512.34	515.43	70.35	67.26	55.5 - 65.5	10.0	-7.60%	No					
218	781MW-14		SS054	1172440.17	1136799.26	Yes	No	Stick-up	Yes	Good	No	Yes	62.0	513.29	511.22	65.80	67.87	52.0 - 62.0	10.0	-58.70%	Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			Available ground surface elevation is contradictory to stick-up surface completion present at this well.
219	781MW-15		SS054	1172570.50	1136859.95	Yes	No	Stick-up	Yes	Good	Yes	Yes	64.0	517.61	515.61	68.55	70.55	54.0 - 64.0	10.0	-65.50%	Unknown	Well ID and Well Lock Added				Available ground surface elevation is contradictory to stick-up surface completion present at this well.
220	781MW-16		SS054	1172328.65	1136850.64	Yes	No	Stick-up	Yes	Good	No	Yes	60.0	509.68	507.65	60.00	62.03	50.0 - 60.0	10.0	-20.30%	Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			Available ground surface elevation is contradictory to stick-up surface completion present at this well.
221	781MW-17		SS054	1172267.74	1136601.31	Yes	No	Stick-up	Yes	Good	No	Yes	67.0	516.90	515.20	70.20	71.90	57.0 - 67.0	10.0	-49.00%	Unknown		Wellhead completion does not allow for lock installation.			Available ground surface elevation is contradictory to stick-up surface completion present at this well.
222	781MW-18		SS054	1172164.51	1136652.64	Yes	No	Stick-up	Yes	Good	No	Yes	58.0	509.53	507.48	64.08	66.13	48.0 - 58.0	10.0	-81.30%	Unknown		Wellhead completion does not allow for lock installation.			Available ground surface elevation is contradictory to stick-up surface completion present at this well.
223	781MW-19		SS054	1172189.84	1136794.56	Yes	No	Stick-up	Yes	Good	No	Yes	51.0	499.11	497.41	52.78	54.48	41.0 - 51.0	10.0	-34.80%	Unknown	Well ID and Well Cap Added	Wellhead completion does not allow for lock installation.			Available ground surface elevation is contradictory to stick-up surface completion present at this well.
224	781MW-20	X	SS054	1172090.64	1136463.32	Yes	No	Stick-up	Yes	Good	Yes	Yes	44.0	491.15	493.71	43.32	40.76	34.0 - 44.0	10.0	32.40%	Yes			Redevelop Well.		
225	781MW-21		SS054	1171993.28	1136578.55	Yes	No	Stick-up	Yes	Good	Yes	Yes	34.0	479.56	482.42	36.42	33.56	24.0 - 34.0	10.0	4.40%	No					
226	781PAIW-1		SS054	1172601.22	1136721.02	Yes	No	Stick-up	Yes	Good	Yes	Yes	63.0	514.05	517.01			48.0 - 63.0	15.0		Unknown	Well ID and Well Lock Added				
227	781PAIW-2		SS054	1172741.51	1136680.88	Yes	No	Stick-up	Yes	Good	Yes	Yes	0.0	514.56				0.0 - 0.0	0.0		Unknown	Well ID and Well Lock Added				
228	781PPRW-1		SS054	1172345.47	1136716.56	Yes	No	Stick-up	Yes	Good	No	Yes	63.0	511.05	513.44			48.0 - 63.0	15.0		Unknown	New locking EnviroCap® installed	Locking EnviroCap® present.			
229	781PPRW-2		SS054	1172357.03	1136702.25	Yes	No	Stick-up	Yes	Good	No	Yes	64.0	512.67	514.54			49.0 - 64.0	15.0		Unknown		Locking EnviroCap® present.			
230	781PPRW-3		SS054	1172446.25	1136690.41	Yes	No	Stick-up	Yes	Good	No	Yes	64.0	513.19	515.61			49.0 - 64.0	15.0		Unknown	Well ID Added	Locking EnviroCap® present.			
231	781PPRW-4		SS054	1172360.83	1136725.48	Yes	No	Stick-up	Yes	Good	No	Yes	63.0	510.90	513.51			48.0 - 63.0	15.0		Unknown		Locking EnviroCap® present.			
232	781PPRW-5		SS054	1172476.70	1136729.99	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	511.90	514.70			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
233	781PPRW-6		SS054	1172499.30	1136683.81	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	513.55	516.61			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
234	781PPRW-7		SS054	1172549.26	1136681.02	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	515.18	517.85			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
235	781PPRW-8		SS054	1172578.19	1136634.82	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	515.35	518.25			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
236	781PPRW-9		SS054	1172697.50	1136592.62	Yes	No	Flushmount	No	Poor	No	Yes	56.0	475.28	476.99	57.30	55.59	46.0 - 56.0	10.0	4.10%	No		In parking lot - vault damaged, flushmount lid missing.	Replacement of entire well surface completion. Add Well Lock. Add Well ID.		Well ID and Lock to be added following flushmount replacement.
237	781VBS-1		SS054	1172404.54	1136693.69	Yes	No	Stick-up	Yes	Good	No	Yes	65.0					60.0 - 65.0	5.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
238	781VBS-2		SS054	1172365.64	1136696.82	Yes	No	Stick-up	Yes	Good	No	Yes	65.0					60.0 - 65.0	5.0		Unknown		Wellhead completion does not allow for lock installation.			
239	781VBS-3		SS054	1172337.59	1136724.30	Yes	No	Stick-up	Yes	Good	No	Yes	65.0					60.0 - 65.0	5.0		Unknown		Wellhead completion does not allow for lock installation.			
240	781VBS-4		SS054	1172364.22	1136742.99	Yes	No	Stick-up	Yes	Good	No	Yes	62.0					57.0 - 62.0	5.0		Unknown		Wellhead completion does not allow for lock installation.			
241	781VBS-5		SS054	1172210.87	1136641.48	Yes	No	Stick-up	Yes	Good	No	Yes	64.0					59.0 - 64.0	5.0		Unknown		Wellhead completion does not allow for lock installation.			

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2017 Well Inventory**

Count	Well ID	Sampled Fall 2017	IRP Site	Northing	Easting	Well Located (Yes/No)	Well Abandoned (Yes/No)	Stick-up or Flush Mount Completion	Well Plate/ Well Identification	Concrete Pad Condition	Lock Present	Well Cap Present	As-Built Depth (ft bgs)	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth (ft btoc)	Measured Depth (ft bgs)	Screened Interval (ft bgs)	Screen Length	Screen Silted	Needs Redevelopment	2017 Repairs and Redevelopment	Repair Remarks	Future Action/Repairs Needed	Justification for Not Identifying Well	Comments
242	781VBS-6		SS054	1172241.28	1136626.67	Yes	No	Stick-up	Yes	Good	No	Yes	70.0					65.0 - 70.0	5.0		Unknown				Wellhead completion does not allow for lock installation.	
243	781VBS-7		SS054	1172270.77	1136556.43	Yes	No	Stick-up	Yes	Good	No	Yes	70.0					65.0 - 70.0	5.0		Unknown				Wellhead completion does not allow for lock installation.	
244	781VBS-8		SS054	1172627.12	1136699.84	Yes	No	Stick-up	Yes	Good	No	Yes	60.0					55.0 - 60.0	5.0		Unknown				Wellhead completion does not allow for lock installation.	
245	781VBS-9		SS054	1172640.61	1136608.44	Yes	No	Stick-up	Yes	Good	No	Yes	65.0					60.0 - 65.0	5.0		Unknown	Well ID Added			Wellhead completion does not allow for lock installation.	
246	781VBS-10		SS054	1172688.87	1136626.85	Yes	No	Stick-up	Yes	Good	No	Yes	64.0					59.0 - 64.0	5.0		Unknown	Well ID Added			Wellhead completion does not allow for lock installation.	
247	781VBS-11		SS054	1172749.46	1136657.95	Yes	No	Stick-up	Yes	Good	No	Yes	62.0					60.0 - 62.0	2.0		Unknown				Wellhead completion does not allow for lock installation.	
248	781VBS-12		SS054	1172707.46	1136697.70	Yes	No	Stick-up	Yes	Good	No	Yes	64.5					59.5 - 64.5	5.0		Unknown				Wellhead completion does not allow for lock installation.	
249	AOC9-MW05		SS062	1181171.85	1133372.26	Yes	No	Flushmount	Yes	Good	Yes	Yes	14.0	484.17	482.72	13.60	12.15	4.0 - 14.0	10.0	18.50%	No	Well ID Added				Ground surface and top of casing elevation were reversed in ERPIMS. Elevation information questionable as previous well photo clearly shows top of casing is not 1.45' below ground surface.
250	AOC9-MW06		SS062	1181035.53	1133815.84	Yes	No	Stick-up	Yes	N/A	Yes	Yes	14.2	482.57	484.10	15.60	14.07	4.2 - 14.2	10.0	1.30%	No					
251	AOC9-MW07		SS062	1181437.34	1133545.46	Yes	No	Stick-up	Yes	Good	Yes	Yes	9.2	482.75	484.83			4.2 - 9.2	5.0		Unknown					
252	AOC9-MW08		SS062	1181830.99	1133888.39	Yes	No	Stick-up	Yes	Good	Yes	Yes	20.4	498.47	499.73			15.4 - 20.4	5.0		Unknown					
253	AOC9MW-9BR		SS062	1181037.03	1133735.93	Yes	No	Stick-up	Yes	Good	Yes	Yes	43.2	481.21	482.59			23.2 - 43.2	20.0		Unknown	Well ID Added				
254	AOC9MW-10BR		SS062	1181073.50	1133496.31	No							32.7	482.10	481.40			22.7 - 32.7	10.0						Unable to Locate	
255	AOC9MW-11BR		SS062	1182007.19	1134127.47	Yes	No	Stick-up	Yes	Good	Yes	Yes	57.5	524.21	525.85			37.5 - 57.5	20.0		Unknown	Well ID Added				
256	AOC9-MW12		SS062	1181781.27	1133845.24	Yes	No	Flushmount	No	Good	No	Yes	19.7	509.09	508.83			10.0 - 19.7	9.7		Unknown				Add Well ID. Add Well Lock.	
257	AOC9-MW13		SS062	1181793.24	1133855.65	Yes	No	Stick-up	Yes	Good	Yes	Yes	22.2	508.53	510.76			12.2 - 22.2	10.0		Unknown					
258	AOC9MW-14	X	SS062	1181913.04	1134024.58	Yes	No	Stick-up	Yes	Good	Yes	Yes	24.0	519.05	520.86	25.93	24.12	14.0 - 24.0	10.0	-1.20%	No					
259	AOC9MW-15	X	SS062	1181701.71	1133799.71	Yes	No	Stick-up	Yes	Good	Yes	Yes	14.0	500.04	501.99	15.88	13.93	9.0 - 14.0	5.0	1.40%	No	Redevelopment Performed				
260	AOC9MW-16		SS062	1181624.12	1133750.28	Yes	No	Stick-up	Yes	Good	Yes	Yes	14.0	497.26	499.19			9.0 - 14.0	5.0		Unknown					
261	AOC9MW-17	X	SS062	1181517.91	1133589.49	Yes	No	Stick-up	Yes	N/A	Yes	Yes	14.0	487.51	489.44	16.50	14.57	9.0 - 14.0	5.0	-11.40%	No					Ground surface elevation incorrectly listed as 587.51 in ERPIMS. A Ground surface elevation of 487.51 has been presented in this table which is consistent with information contained in AR 1900 (EEEPC/Parsons, November 2007).
262	AOC9MW-18		SS062	1182102.90	1134592.40	Yes	No	Stick-up	Yes	Good	Yes	Yes	20.5	527.84	529.34	21.77	20.27	10.5 - 20.5	10.0	2.30%	No					
263	AOC9MW-19		SS062	1182022.06	1134404.34	Yes	No	Flushmount	Yes	Good	Yes	Yes	18.7	523.38	523.05	20.25	19.92	8.7 - 18.7	10.0	-12.50%	No					
264	AOC9TW-17		SS062	1179785.39	1135658.66	No							0.0					0.0 - 0.0	0.0						Unable to Locate	
265	AOC9TW-18		SS062	1182169.27	1134185.45	No							25.0	523.49	526.34			15.0 - 25.0	10.0						Unable to Locate	
266	AOC9TW-19		SS062	1182039.90	1134289.17	No							25.0	525.91	528.46			15.0 - 25.0	10.0						Unable to Locate	
267	AOC9TW-20		SS062	1182096.94	1134133.90	No							25.0	524.65	527.31			15.0 - 25.0	10.0						Unable to Locate	
268	AOC9TW-21		SS062	1182080.97	1134152.14	No							25.0	524.57	527.83			15.0 - 25.0	10.0						Unable to Locate	
269	AOC9TW-22		SS062	1182019.27	1134236.70	No							25.0	526.61	528.95			15.0 - 25.0	10.0						Unable to Locate	
270	AOC9TW-23		SS062	1181967.10	1134269.26	No							25.0	526.03	526.83			15.0 - 25.0	10.0						Unable to Locate	
271	AOC9TW-24		SS062	1182072.01	1134070.70	Yes	No	Flushmount	No	Poor	No	No	25.0	523.65	523.90			15.0 - 25.0	10.0		Unknown					Well broken to cement surface and filled in with debris (soil and pebbles). Cannot be labeled, locked, or capped.
272	AOC9TW-25		SS062	1182044.14	1134100.17	Yes	No	Flushmount	No	Poor	No	No	25.0	523.74	524.34			15.0 - 25.0	10.0		Unknown					Well broken to cement surface and filled in with debris (soil and pebbles). Cannot be labeled, locked, or capped.
273	AOC9TW-26		SS062	1182030.53	1134115.03	Yes	No	Stick-up	Yes	Acceptable	No	No	25.0	523.71	526.45			15.0 - 25.0	10.0		Unknown	Well ID Added		Add Well Cap.		Wellhead completion does not allow for lock installation.
274	AOC9TW-27		SS062	1182009.34	1134144.46	No							25.0	524.04	526.92			15.0 - 25.0	10.0						Unable to Locate	
275	AOC9TW-28		SS062	1181981.96	1134173.97	No							25.0	524.80	527.64			15.0 - 25.0	10.0						Unable to Locate	
276	AOC9TW-29		SS062	1181970.21	1134187.21	No							25.0	525.04	527.40			15.0 - 25.0	10.0						Unable to Locate	
277	AOC9TW-30		SS062	1181983.65	1134085.02	Yes	No	Flushmount	No	Poor	No	No	25.0	521.16	521.46			15.0 - 25.0	10.0		Unknown					Well broken to cement surface and filled in with debris (soil and pebbles). Cannot be labeled, locked, or capped.
278	AOC9TW-31		SS062	1181960.62	1134107.07	No							25.0	520.84	524.44			15.0 - 25.0	10.0						Unable to Locate	
279	AOC9TW-32		SS062	1181937.85	1134077.96	No							25.0	520.28	522.66			15.0 - 25.0	10.0						Unable to Locate	
280	AOC9TW-33		SS062	1182105.31	1134234.22	No							25.0	523.55	527.25			15.0 - 25.0	10.0						Unable to Locate	
281	AOC9TW-34		SS062	1182078.72	1134262.13	No							25.0	525.14	528.53			15.0 - 25.0	10.0						Unable to Locate	
282	AOC9TW-35		SS062	1182011.15	1134310.36	No							25.0	525.65	528.88			15.0 - 25.0	10.0						Unable to Locate	
283	AOC9TW-36		SS062	1181953.14	1134346.87	No							25.0	522.53	525.31			15.0 - 25.0	10.0						Unable to Locate	

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284	AOC9TW-37		SS062	1182118.22	1134292.67	No							25.0	522.48	525.38			15.0 - 25.0	10.0						Unable to Locate		
285	AOC9TW-38		SS062	1182084.26	1134332.96	No							25.0	522.25	524.73			15.0 - 25.0	10.0							Unable to Locate	
286	AOC9TW-39		SS062	1182035.60	1134388.97	No							25.0	523.04	526.22			15.0 - 25.0	10.0							Unable to Locate	
287	AOC9TW-40		SS062	1182133.42	1134371.63	No							25.0	525.33	528.38			15.0 - 25.0	10.0							Unable to Locate	
288	AOC9TW-41		SS062	1182120.10	1134399.81	No							24.5	526.34	529.17			14.5 - 24.5	10.0							Unable to Locate	
289	AOC9TW-42		SS062	1182089.66	1134423.43	No							18.6	518.33	519.64			8.6 - 18.6	10.0							Unable to Locate	
290	AOC9TW-43		SS062	1182062.23	1134439.01	No							21.0	523.89	525.89			11.0 - 21.0	10.0							Unable to Locate	
291	AOC9TW-44		SS062	1181959.04	1134200.86	No							21.0	525.54	528.24			11.0 - 21.0	10.0							Unable to Locate	
292	AOC9TW-45		SS062	1181955.43	1134229.84	No							21.9	526.10	529.22			11.9 - 21.9	10.0							Unable to Locate	
293	AOC9TW-46		SS062	1181933.15	1134228.87	No							27.4	525.97	528.57			17.4 - 27.4	10.0							Unable to Locate	
294	AOC9TW-47		SS062	1181938.47	1134262.11	No							18.4	525.81	527.52			8.4 - 18.4	10.0							Unable to Locate	
295	AOC9TW-48		SS062	1181876.73	1134285.38	No							23.2	522.15	523.78			13.2 - 23.2	10.0							Unable to Locate	
296	AOC9TW-49		SS062	1181995.27	1134258.41	No							27.4	526.64	529.25			17.4 - 27.4	10.0							Unable to Locate	
297	AOC9TW-51		SS062	1181923.86	1134323.02	No							23.4	522.42	523.90			13.4 - 23.4	10.0							Unable to Locate	
298	AOC9TW-52		SS062	1181909.85	1134282.18	No							19.1	516.67	520.48			8.0 - 19.1	11.1							Unable to Locate	
299	AOC9TW-54		SS062	1182148.82	1134429.73	No							18.6	519.06	520.50			8.6 - 18.6	10.0							Unable to Locate	
300	AOC9TW-54B		SS062	1182008.12	1134391.08	No							23.2	522.93	524.70			13.2 - 23.2	10.0							Unable to Locate	
301	AOC9TW-56		SS062	1182030.65	1134429.83	No							25.2	523.42	522.72			15.2 - 25.2	10.0							Unable to Locate	
302	AOC9TW-57		SS062	1182169.64	1134336.00	No							23.6	524.49	526.03			13.6 - 23.6	10.0							Unable to Locate	
303	AOC9TW-58		SS062	1182048.85	1134486.93	No							22.9	522.42	525.78			12.9 - 22.9	10.0							Unable to Locate	
304	AOC9TW-59		SS062	1182026.18	1134466.01	No							23.6	523.63	525.15			13.6 - 23.6	10.0							Unable to Locate	
305	AOC9TW-60		SS062	1182006.26	1134487.79	No							23.4	525.41	527.17			13.4 - 23.4	10.0							Unable to Locate	
306	AOC9TW-61		SS062	1182079.29	1134462.54	No							24.1	523.63	527.45			14.1 - 24.1	10.0							Unable to Locate	
307	AOC9TW-62		SS062	1182123.00	1134476.29	No							25.2	524.75	527.87			15.2 - 25.2	10.0							Unable to Locate	
308	AOC9TW-65		SS062	1182200.73	1134521.13	No							24.7	526.59	530.08			14.7 - 24.7	10.0							Unable to Locate	
309	AOC9TW-66		SS062	1182193.84	1134564.34	No							23.4	528.19	529.77			13.4 - 23.4	10.0							Unable to Locate	
310	AOC9TW-67		SS062	1182269.49	1134585.53	No							22.6	526.89	529.29			12.6 - 22.6	10.0							Unable to Locate	
311	AOC9TW-68		SS062	1182014.59	1134345.94	No							22.2	523.35	526.10			12.2 - 22.2	10.0							Unable to Locate	
312	AOC9TW-69		SS062	1181996.44	1134361.64	No							21.0	523.63	521.41			11.0 - 21.0	10.0							Unable to Locate	
313	AOC9TW-70		SS062	1181985.47	1134374.42	No							18.7	522.64	526.37			8.7 - 18.7	10.0							Unable to Locate	
314	AOC9TW-71		SS062	1181978.81	1134344.94	No							14.4	517.35	520.94			4.4 - 14.4	10.0							Unable to Locate	
315	AOC9TW-72		SS062	1182000.00	1134452.51	No							18.3	521.31	523.13			8.3 - 18.3	10.0							Unable to Locate	
316	AOC9TW-73		SS062	1181982.02	1134426.26	No							23.6	522.88	524.32			13.6 - 23.6	10.0							Unable to Locate	
317	AOC9TW-74		SS062	1182029.54	1134560.30	No							17.7	520.01	522.41			7.7 - 17.7	10.0							Unable to Locate	
318	AOC9TW-75		SS062	1182010.98	1134580.91	No							19.1	520.02	524.11			9.1 - 19.1	10.0							Unable to Locate	
319	AOC9TW-76		SS062	1182006.03	1134618.33	No							23.1	525.44	527.10			13.1 - 23.1	10.0							Unable to Locate	
320	AOC9TW-77		SS062	1181981.59	1134636.49	No							22.3	525.15	526.98			13.3 - 23.3	10.0							Unable to Locate	
321	AOC9TW-79		SS062	1181941.27	1134679.87	No							23.2	525.22	527.07			13.2 - 23.2	10.0							Unable to Locate	
322	AOC9TW-80		SS062	1182024.48	1134766.32	No							22.7	525.83	528.13			12.7 - 22.7	10.0							Unable to Locate	
323	AOC9TW-81		SS062	1182112.91	1134641.29	No							23.3	527.92	529.57			13.3 - 23.3	10.0							Unable to Locate	
324	AOC9TW-82		SS062	1182061.04	1134680.24	No							23.4	528.07	529.52			13.4 - 23.4	10.0							Unable to Locate	
325	AOC9TW-83		SS062	1181959.98	1134405.27	No							23.3	522.78	524.44			13.3 - 23.3	10.0							Unable to Locate	
326	AOC9TW-84		SS062	1181938.65	1134386.14	No							23.2	522.54	524.34			13.2 - 23.2	10.0							Unable to Locate	
327	AOC9TW-85		SS062	1181916.78	1134364.46	No							23.3	522.43	524.04			13.3 - 23.3	10.0							Unable to Locate	
328	AOC9TW-86		SS062	1181895.85	1134344.41	No							23.3	522.18	523.90			13.3 - 23.3	10.0							Unable to Locate	
329	AOC9TW-87		SS062	1182139.19	1134614.59	No							23.5	528.31	529.86			13.5 - 23.5	10.0							Unable to Locate	
330	AOC9TW-88		SS062	1182265.69	1134450.93	No							21.8	523.49	526.64			11.8 - 21.8	10.0							Unable to Locate	
331	AOC9TW-89		SS062	1182163.43	1134589.82	No							23.2	528.09	527.85			13.2 - 23.2	10.0							Unable to Locate	
332	AOC9TW-90		SS062	1182173.53	1134405.69	No							17.9	519.05	520.93			7.9 - 17.9	10.0							Unable to Locate	
333	AOC9TW-91		SS062	1182130.64	1134446.14	No							19.3	519.13	519.63			9.3 - 19.3	10.0							Unable to Locate	
334	AOC9TW-92		SS062	1181859.30	1134058.90	No							23.4	521.47	523.07			13.4 - 23.4	10.0							Unable to Locate	
335	AOC9TW-93		SS062	1181803.60	1134004.24	No							23.3	520.49	522.06			13.3 - 23.3	10.0							Unable to Locate	
336	AOC9TW-94		SS062	1181820.63	1134042.22	No							23.3	520.47	521.97			13.3 - 23.3	10.0							Unable to Locate	
337	AOC9TW-95		SS062	1182021.16	1134088.07	Yes	No	Flushmount	Yes	Good	No	Yes	23.2	522.62	522.35			13.2 - 23.2	10.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.				
338	AOC9TW-96		SS062	1181977.61	1134118.65	No							19.6	517.62	519.28			9.6 - 19.6	10.0							Unable to Locate	
339	AOC9TW-97		SS062	1181952.24	1134135.71	No							19.2	516.47	517.09			9.2 - 19.2	10.0							Unable to Locate	
340	G009-MW01		SS062	1181715.14	1133595.96	Yes	No	Stick-up	Yes	N/A	Yes	Yes	9.0	492.67	492.67	11.69	11.69	4.0 - 9.0	5.0	-53.80%	No						Same value for ground surface and top of casing provided in ERPIMS. As no other survey information is readily available the duplicate values are presented in this table.
341	G009-MW02		SS062	1181542.47	1133715.45	Yes	No	Stick-up	Yes	N/A	Yes	Yes	9.0	494.54	494.54	10.55	10.55	4.0 - 9.0	5.0	-31.00%	No						Same value for ground surface and top of casing provided in ERPIMS. As no other survey information is readily available the duplicate values are presented in this table.
342	G009-MW03		SS062	1181440.42	1133617.19	Yes	No	Stick-up	Yes	Good	Yes	Yes	9.0	485.10	485.10			4.0 - 9.0	5.0		Unknown						Same value for ground surface and top of casing provided in ERPIMS. As no other survey information is readily available the duplicate values are presented in this table.
343	G009-MW04		SS062	1181304.24	1133495.93	Yes	No	Stick-up	Yes	Poor	Yes	Yes	16.7	483.97	483.97			6.7 - 16.7	10.0		Unknown						Same value for ground surface and top of casing provided in ERPIMS. As no other survey information is readily available the duplicate values are presented in this table.



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344	WSAMW-4		SS062	1181718.00	1134023.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	17.2	516.86	518.72			7.2 - 17.2	10.0		Unknown					
345	AP1MP-A		SS063	1174597.10	1136624.00	No							0.0					0.0 - 0.0	0.0						Unable to Locate	
346	AP1MP-B		SS063	1174567.60	1136636.20	No							0.0					0.0 - 0.0	0.0						Unable to Locate	

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347	AP1MP-C		SS063	1174563.80	1136601.00	No							0.0					0.0 - 0.0	0.0						Unable to Locate		
348	AP1MP-D		SS063	1174552.90	1136591.20	No							0.0					0.0 - 0.0	0.0							Unable to Locate	
349	AP1MP-E		SS063	1174600.10	1136599.90	No							0.0					0.0 - 0.0	0.0							Unable to Locate	
350	HE8MW-1		SS063	1174552.32	1136237.33	No							26.3					16.3 - 26.3	10.0							Unable to Locate	
351	789MW-46R	X	SS067	1173946.46	1138241.59	Yes	No	Stick-up	Yes	Good	Yes	Yes	29.0	476.68	479.09	31.50	29.09	14.0 - 29.0	15.0	-0.60%	No						
352	789MW-63R		SS067	1174345.41	1138378.63	Yes	No	Stick-up	Yes	Good	Yes	Yes	29.0	478.42	480.21			14.0 - 29.0	15.0		Unknown	Well ID Added					
353	789MW-64		SS067	1174419.27	1138155.83	Yes	No	Stick-up	Yes	Good	Yes	Yes	22.0	476.16	478.53			12.0 - 22.0	10.0		Unknown	Well ID Added					
354	789MW-83	X	SS067	1174133.67	1138394.51	Yes	No	Flushmount	Yes	Good	Yes	Yes	31.0	479.29	478.79	30.20	29.70	21.0 - 31.0	10.0	13.00%	No	Well ID and Well Lock Added					
355	789MW-95	X	SS067	1174293.54	1138106.77	Yes	No	Stick-up	Yes	Poor	Yes	Yes	20.5	477.28	479.39	22.00	19.89	10.5 - 20.5	10.0	6.10%	No	Well ID Added	Two bollards knocked over. Wellhead completion does not allow for lock installation.	Bollard repair.			
356	789MW-96		SS067	1174085.78	1138127.20	Yes	No	Stick-up	Yes	Good	No	Yes	24.5	474.71	476.69	30.50	28.52	14.5 - 24.5	10.0	-40.20%	No	Well ID Added					
357	789MW-97	X	SS067	1174144.38	1138027.15	Yes	No	Stick-up	Yes	Good	Yes	Yes	25.0	475.88	478.06	26.70	24.52	15.0 - 25.0	10.0	4.80%	No	Well ID Added					
358	789MW-98		SS067	1174058.90	1137931.05	Yes	No	Stick-up	Yes	Poor	No	No	20.0	476.59	476.32	22.20	22.47	10.0 - 20.0	10.0	-24.70%	No	Well ID Added		Replacement of entire well surface completion. Add Well Lock. Add Well Cap.		Severely damaged during Summer 2017 mowing activities.	
359	789MW-99	X	SS067	1173966.05	1138022.60	Yes	No	Stick-up	Yes	Acceptable	Yes	Yes	24.5	474.85	475.80	27.20	26.25	14.5 - 24.5	10.0	-17.50%	No	Well ID Added	Two bollards knocked over.	Bollard repair.			
360	789MW-100		SS067	1173833.09	1137798.88	Yes	No	Stick-up	Yes	Good	Yes	Yes	21.0	476.11	478.08			11.0 - 21.0	10.0		Unknown	Well ID Added					
361	789MW-101		SS067	1174188.99	1139180.95	Yes	No	Stick-up	Yes	Good	Yes	Yes	15.0	448.58	450.86			5.0 - 15.0	10.0		Unknown	Well ID Added					
362	789MW-102	X	SS067	1173999.60	1139292.87	Yes	No	Stick-up	Yes	Good	Yes	Yes	15.0	448.23	451.03	18.00	15.20	5.0 - 15.0	10.0	-2.00%	No	Well ID Added				Well inadvertently sampled during Fall 2017 LTM rather than 789MW-103.	
363	789MW-103		SS067	1173816.99	1139411.93	Yes	No	Stick-up	Yes	Good	Yes	Yes	15.0	447.50	449.99	17.50	15.01	5.0 - 15.0	10.0	-0.10%	No	Well ID Added					
364	789MW-134		SS067	1174176.94	1138621.97	Yes	No	Flushmount	Yes	Good	No	Yes	33.0	481.26	480.74	33.40	32.88	23.0 - 33.0	10.0	1.20%	No	Well ID Added	Wellhead completion does not allow for lock installation.				
365	789MW-135	X	SS067	1174061.91	1138663.65	Yes	No	Flushmount	Yes	Acceptable	No	Yes	33.0	482.02	481.54	33.50	33.02	23.0 - 33.0	10.0	-0.20%	No	Well ID Added	Wellhead completion does not allow for lock installation.				
366	789MW-214		SS067	1174312.83	1138288.64	Yes	No	Stick-up	Yes	N/A	Yes	Yes	28.0	478.16	479.19		-1.03	23.0 - 28.0	5.0	Unsure	Unknown	Well ID and Well Lock Added				ERPIMS ground surface elevation survey information is estimated therefore accurate % of silted screen interval cannot be determined.	
367	789MW-215		SS067	1174240.92	1138369.74	Yes	No	Stick-up	Yes	Good	Yes	Yes	30.0	473.95	481.16		-7.21	25.0 - 30.0	5.0	Unsure	Unknown	Well ID and Well Lock Added				ERPIMS ground surface elevation survey information is estimated therefore accurate % of silted screen interval cannot be determined.	
368	789MW-216	X	SS067	1174185.00	1138260.00	Yes	No	Stick-up	Yes	Good	Yes	Yes	29.0	476.38	479.19	26.55	23.74	19.0 - 29.0	10.0	52.60%	Yes	Well ID and Well Lock Added		Redevelop Well		ERPIMS ground surface elevation survey information is estimated therefore accurate % of silted screen interval cannot be determined.	
369	789MW-222	X	SS067	1174007.96	1138435.08	Yes	No	Stick-up	Yes	N/A	Yes	Yes	28.0	479.51	482.57	30.09	27.03	18.0 - 28.0	10.0	9.70%	No	Well ID and Well Lock Added				ERPIMS ground surface elevation survey information is estimated therefore accurate % of silted screen interval cannot be determined.	
370	789MW-223		SS067	1173858.03	1138102.56	Yes	No	Stick-up	Yes	Good	No	Yes	23.0	470.00	475.79			13.0 - 23.0	10.0	Unsure	Unknown		Add Well Lock.			ERPIMS ground surface elevation survey information is estimated therefore accurate % of silted screen interval cannot be determined.	
371	789RW-200		SS067	1174168.62	1138106.95	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	476.18	475.34			0.0 - 0.0	0.0		Unknown		Wellhead completion does not allow for lock installation.				
372	789RW-201		SS067	1174106.11	1138357.27	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	478.82	477.97			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.				
373	789RW-202		SS067	1174069.02	1138199.55	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	476.68	475.37			0.0 - 0.0	0.0		Unknown		Wellhead completion does not allow for lock installation.				
374	789RW-203		SS067	1174206.70	1138180.24	Yes	No	Flushmount	Yes	Good	No	Yes	0.0	476.88	476.05	32.50	31.67	0.0 - 0.0	0.0		Unknown		Wellhead completion does not allow for lock installation.				
375	789RW-204		SS067	1174066.47	1138283.07	Yes	No	Flushmount	Yes	Acceptable	No	Yes	0.0	477.82	477.10			0.0 - 0.0	0.0		Unknown		Wellhead completion does not allow for lock installation.				
376	789RW-205		SS067	1174127.69	1138149.89	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	475.97	475.06			0.0 - 0.0	0.0		Unknown		Wellhead completion does not allow for lock installation.				

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377	789RW-206		SS067	1174118.30	1138222.76	Yes	No	Flushmount	Yes	Good	No	Yes	0.0	476.83	475.57			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
378	789RW-207		SS067	1174118.01	1138292.73	Yes	No	Flushmount	Yes	Good	No	Yes	0.0	477.99	477.30			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
379	789RW-208		SS067	1174121.19	1138404.09	Yes	No	Flushmount	Yes	Good	No	Yes	0.0	479.35	478.69			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
380	789RW-209		SS067	1174251.53	1138093.26	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	476.68	475.93			0.0 - 0.0	0.0		Unknown		Wellhead completion does not allow for lock installation.			
381	789RW-210		SS067	1174086.89	1138320.61	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	478.45	478.42			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
382	789RW-211		SS067	1174147.96	1138128.05	Yes	No	Stick-up	Yes	Good	No	Yes	0.0	475.92	476.00			0.0 - 0.0	0.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
383	789RW-212		SS067	1174016.63	1138218.43	Yes	No	Stick-up	Yes	Good	Yes	Yes	28.5	476.34	478.28			13.5 - 28.5	15.0		Unknown	Well ID Added				
384	789RW-213		SS067	1174103.69	1138014.20	Yes	No	Stick-up	Yes	Good	Yes	Yes	32.0	475.39	477.19			17.0 - 32.0	15.0		Unknown	Well ID Added				
385	789RW-217		SS067	1174211.77	1138107.42	Yes		Stick-up	No	Good	No	Yes	30.0					15.0 - 30.0	15.0		Unknown			Add Well ID. Add Well Lock.		
386	789RW-218		SS067	1174167.83	1138138.14	No		Stick-up					30.0					15.0 - 30.0	15.0					Unable to Locate	Well destroyed by mowing activities during Summer 2017.	
387	789RW-219		SS067	1174077.05	1138160.11	Yes	No	Stick-up	Yes	Good	No	Yes	30.0					15.0 - 30.0	15.0		Unknown	Well ID Added	Wellhead completion does not allow for lock installation.			
388	789RW-220		SS067	1174086.92	1138239.42	Yes	No	Stick-up	Yes	Good	No	Yes	20.0					10.0 - 20.0	10.0		Unknown	Well ID Added	Locking EnviroCap® present.			
389	789RW-221		SS067	1174045.73	1138255.60	Yes	No	Stick-up	Yes	Good	No	Yes	25.0					10.0 - 25.0	15.0		Unknown	Well ID Added	Locking EnviroCap® present.			
390	MW01001		PFC	1175072.67	1134318.06	Yes	No	Flushmount	Yes	Poor	Yes	Yes	16.5	456.07	455.85			6.5 - 16.5	10.0		Unknown	Well ID Added				
391	MW01003		PFC	1174983.47	1134397.45	Yes	No	Flushmount	Yes	Good	Yes	Yes	16.0	455.94	455.80			6.0 - 16.0	10.0		Unknown	Well ID Added				
392	MW02001		PFC	1175926.29	1136638.39	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	472.26	471.81			10.0 - 20.0	10.0		Unknown	Well ID Added				
393	MW02002		PFC	1176095.48	1136689.17	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	472.50	472.17			10.0 - 20.0	10.0		Unknown	Well ID Added				
394	MW02003		PFC	1176202.52	1136575.81	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	470.58	470.33			10.0 - 20.0	10.0		Unknown	Well ID Added				
395	MW02004		PFC	1176073.02	1136489.55	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	466.89	466.61			10.0 - 20.0	10.0		Unknown	Well ID Added				
396	MW03001		PFC	1177005.99	1135764.11	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	471.05	470.58			10.0 - 20.0	10.0		Unknown	Well ID Added				
397	MW03002		PFC	1176752.10	1135663.95	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	468.56	468.45			10.0 - 20.0	10.0		Unknown	Well ID Added				
398	MW03003		PFC	1176959.03	1135434.55	Yes	No	Flushmount	Yes	Good	Yes	Yes	21.0	469.94	469.62			11.0 - 21.0	10.0		Unknown	Well ID Added				
399	MW03004		PFC	1176978.08	1135451.30	Yes	No	Flushmount	Yes	Good	Yes	Yes	21.0	470.10	469.98			11.0 - 21.0	10.0		Unknown	Well ID Added				
400	MW04001		PFC	1177061.11	1135513.75	No		Flushmount					18.0	467.99	467.55			8.0 - 18.0	10.0					Unable to Locate		
401	MW04002		PFC	1177159.17	1135619.01	Yes	No	Flushmount	Yes	Good	Yes	Yes	18.0	470.20	469.97			8.0 - 18.0	10.0		Unknown	Well ID Added				
402	MW04003		PFC	1177199.22	1135468.11	No		Flushmount					18.0	469.80	469.57			8.0 - 18.0	10.0					Unable to Locate		
403	MW05001		PFC	1176007.32	1135862.16	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	466.90	466.30			10.0 - 20.0	10.0		Unknown	Well ID Added				
404	MW05002		PFC	1176043.91	1135844.12	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	467.05	466.52			10.0 - 20.0	10.0		Unknown	Well ID Added				
405	MW05003		PFC	1176026.77	1135832.21	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	467.22	466.81			10.0 - 20.0	10.0		Unknown	Well ID Added				
406	MW06001		PFC	1177547.09	1133557.81	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	470.12	469.67			10.0 - 20.0	10.0		Unknown	Well ID Added				
407	MW06002		PFC	1177523.66	1133815.65	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	469.71	469.26			10.0 - 20.0	10.0		Unknown	Well ID Added				
408	MW07002		PFC	1177382.89	1132151.87	Yes	No	Flushmount	Yes	Good	Yes	Yes	22.0	472.24	472.10			12.0 - 22.0	10.0		Unknown	Well ID Added				
409	MW07003		PFC	1177399.09	1132847.80	Yes	No	Flushmount	Yes	Good	Yes	Yes	22.0	472.46	472.37			12.0 - 22.0	10.0		Unknown	Well ID Added				
410	MW07004		PFC	1177317.06	1133055.72	Yes	No	Flushmount	Yes	Good	Yes	Yes	21.2	471.62	471.36			11.2 - 21.2	10.0		Unknown	Well ID Added				
411	MW08001		PFC	1177252.69	1134675.31	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	471.09	470.98			10.0 - 20.0	10.0		Unknown	Well ID Added				
412	MW08002		PFC	1177097.65	1134841.76	Yes	No	Flushmount	Yes	Good	Yes	Yes	22.0	471.41	471.04			12.0 - 22.0	10.0		Unknown	Well ID Added				
413	MW08003		PFC	1176971.29	1134977.32	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	471.55	471.15			10.0 - 20.0	10.0		Unknown	Well ID Added				
414	MW09001		PFC	1182233.23	1134426.53	Yes	No	Flushmount	Yes	Good	Yes	Yes	23.0	525.45	525.25			13.0 - 23.0	10.0		Unknown	Well ID Added				
415	MW09004		PFC	1182184.89	1134490.51	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	524.94	524.72			10.0 - 20.0	10.0		Unknown	Well ID Added				
416	MW10001		PFC	1179435.11	1136687.19	No		Flushmount					20.0	527.06	526.78			10.0 - 20.0	10.0					Access		
417	MW10002		PFC	1179319.74	1136742.11	No		Flushmount					20.0	527.66	527.51			10.0 - 20.0	10.0					Access		
418	MW10003		PFC	1179342.08	1136862.82	No		Flushmount					20.0	528.81	528.45			10.0 - 20.0	10.0					Access		
419	MW11001		PFC	1178745.23	1132360.90	Yes	No	Flushmount	Yes	Good	Yes	Yes	25.0	478.81	478.30			15.0 - 25.0	10.0		Unknown	Well ID Added				
420	MW11002		PFC	1178745.12	1132883.53	Yes	No	Flushmount	Yes	Good	Yes	Yes	25.0	477.33	476.90			15.0 - 25.0	10.0		Unknown	Well ID Added				
421	MW11003		PFC	1178773.92	1133625.95	Yes	No	Flushmount	Yes	Good	Yes	Yes	25.0	475.76	475.38			15.0 - 25.0	10.0		Unknown	Well ID Added				
422	MW14001		PFC	1175487.10	1138754.80	Yes	No	Stick-up	Yes	Good	Yes	Yes	10.0	472.90	476.10			2.0 - 10.0	8.0		Unknown	Well ID Added				
423	MW14002		PFC	1175278.33	1138787.28	Yes	No	Stick-up	Yes	Good	Yes	Yes	11.0	462.00	464.45			1.0 - 11.0	10.0		Unknown	Well ID Added				
424	MW14003		PFC	1175112.37	1138987.54	Yes	No	Stick-up	Yes	Good	Yes	Yes	11.0	461.77	464.27			1.0 - 11.0	10.0		Unknown	Well ID Added				
425	MW14004		PFC	1174798.73	1138957.44	No		Flushmount					18.0	455.00	454.70			8.0 - 18.0	10.0					Unable to Locate		
426	MW14005		PFC	1174591.33	1139070.07	No		Stick-up					12.0	447.16	449.83			2.0 - 12.0	10.0					Unable to Locate		
427	AP1MW-1	X	CSS681	1174225.00	1136299.00	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	476.73	476.46	20.11	19.84	10.0 - 20.0	10.0	1.60%	No					
428	AP1MW-2	X	CSS681	1174221.40	1136338.90	Yes	No	Flushmount	Yes	Good	Yes	Yes	23.0	476.14	475.91	23.18	22.95	13.0 - 23.0	10.0	0.50%	No					
429	AP1MW-3	X	CSS681	1174226.00	1136253.40	Yes	No	Flushmount	Yes	Good	Yes	Yes	21.0	478.12	477.88	20.99	20.75	11.0 - 21.0	10.0	2.50%	No					
430	AP1MW-4	X	CSS681	1174275.80	1136282.20	Yes	No	Flushmount	Yes	Good	Yes	Yes	21.0	477.93	477.51	21.10	20.68	11.0 - 21.0	10.0	3.20%	No					

**Table 1  
Former Griffiss AFB  
2017 Well Inventory**

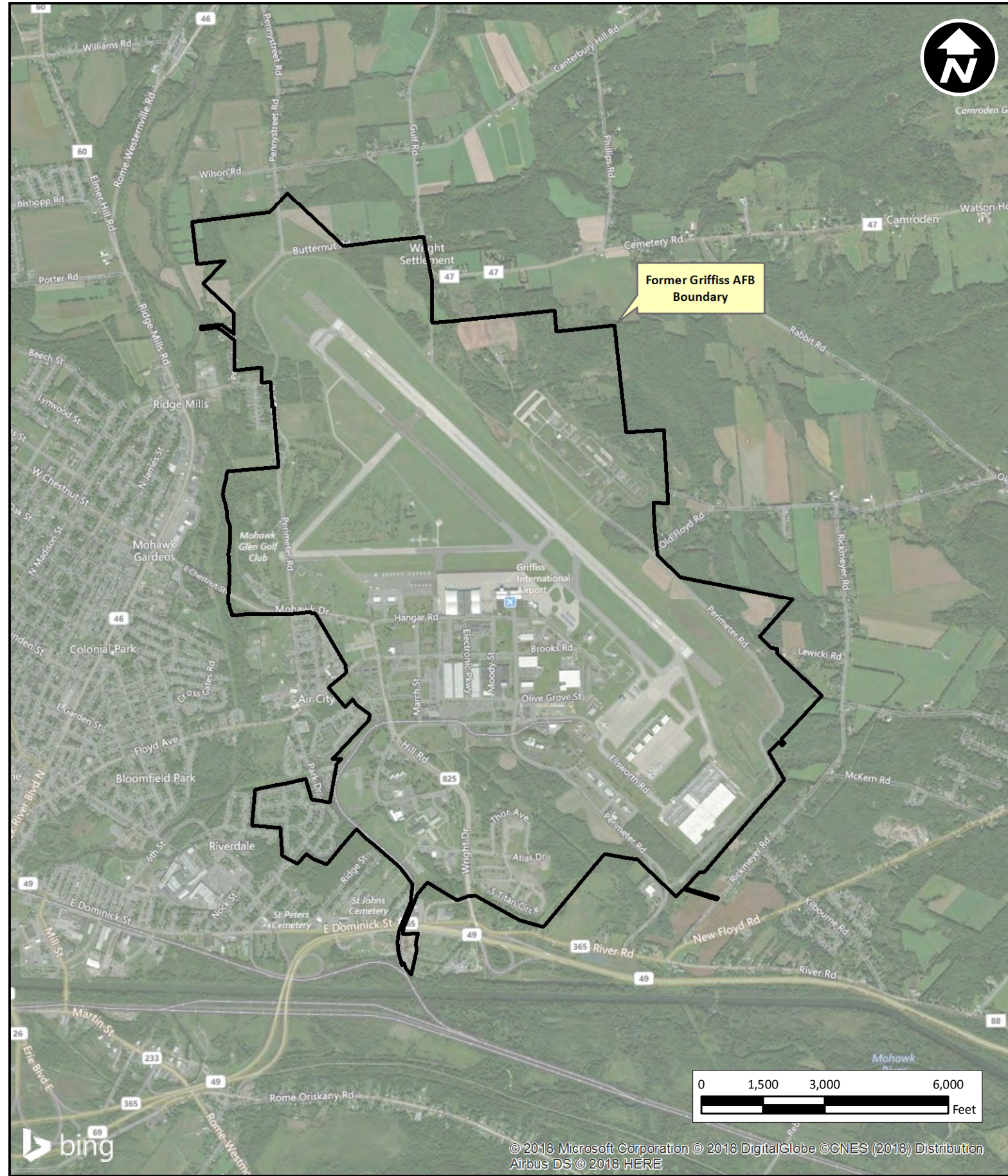
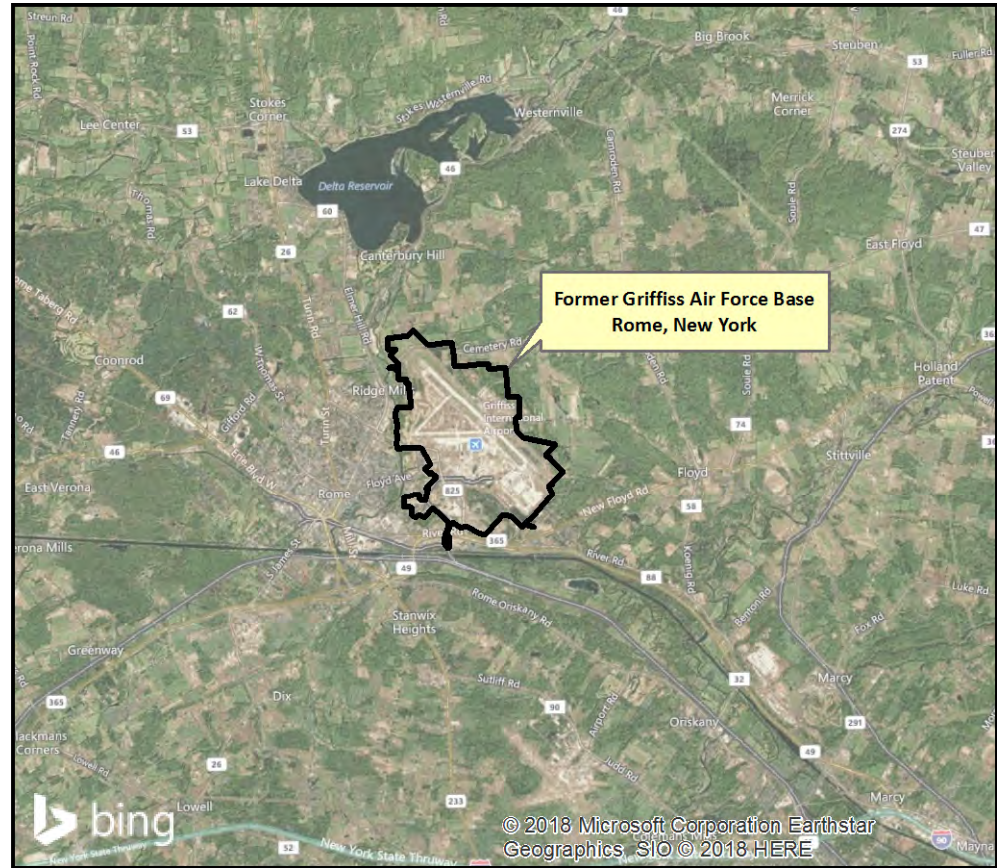
Count	Well ID	Sampled Fall 2017	IRP Site	Northing	Easting	Well Located (Yes/No)	Well Abandoned (Yes/No)	Stick-up or Flush Mount Completion	Well Plate/Well Identification	Concrete Pad Condition	Lock Present	Well Cap Present	As-Built Depth (ft bgs)	Ground Elevation (ft amsl)	TOC Elevation (ft amsl)	Measured Depth (ft btoc)	Measured Depth (ft bgs)	Screened Interval (ft bgs)	Screen Length	Screen Silted	Needs Redevelopment	2017 Repairs and Redevelopment	Repair Remarks	Future Action/Repairs Needed	Justification for Not Identifying Well	Comments
431	AP1MW-5	X	CSS681	1174194.20	1136295.50	Yes	No	Flushmount	Yes	Good	Yes	Yes	20.0	476.57	476.27	19.89	19.59	10.0 - 20.0	10.0	4.10%	No					
432	786MW-2	X	CSS682	1174175.08	1136632.48	Yes	No	Flushmount	No	Acceptable	No	Yes	22.0	477.88	477.26	23.55	22.93	7.0 - 22.0	15.0	-6.20%	No		J-Plug cap needs to be replaced.	Add Well ID. Add Well Lock. Replace Well Cap. Add measuring point to top of PVC casing.		
433	786MW-14		CSS682	1174174.70	1136646.98	No							23.0	478.42	477.92			13.0 - 23.0	10.0					Unable to Locate		
434	786MW-15	X	CSS682	1174195.12	1136617.93	Yes	No	Stick-up	No	Good	Yes	Yes	20.0	477.16	478.32	22.65	21.49	10.0 - 20.0	10.0	-14.90%	No		Protective steel riser lid missing but compression cap at wellhead has a keyed lock and provides well security.	Add Well ID. Replace Well Lock. Replace Well Cap. Add measuring point to top of PVC casing.		
435	786MW-30		CSS682	1174153.35	1136713.92	Yes	No	Flushmount	Yes	Good	Yes	Yes	24.0	478.54	478.11			14.0 - 24.0	10.0		Unknown	Well ID Added				
436	786TW-20		CSS682	1174229.16	1136650.62	No							25.0					15.0 - 25.0	10.0					Unable to Locate	Well listed as "not located; not decommissioned" in historical document (AECOM/Cape NYSDEC Spill Number 8910168, September 2015).	

**Notes:**

ID = Identification, IRP = Installation Restoration Program  
ft bgs = Feet below ground surface  
amsl = above mean sea level, btoc = below top of casing  
NM = Not measured, N/A = Not applicable  
ERPIMS = Environmental Resources Program Information Management System  
AR = Administrative Record, LTM = Long Term Monitoring  
NYSDEC = New York State Department of Environmental Conservation  
EEEEPC = Ecology and Environment Engineering, P.C.

**FIGURE / PLATE**





PROJECT NO: AFCGSA3. 0012.00AC	SCALE: As Shown	DATE: 4/23/2018	DRAWN BY: MRM
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Figure 1



