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MEMORANDUM

DATE: January 19, 2010

TO: See Distribution List

FROM: FPM Group

RE: Monitoring Well Decommissioning Report Round 4 and Round 5 Long Term Monitoring Program Former Griffiss Air Force Base, Rome, New York Contract No. DACW41-02-D-0020-0002 Revision 1.0 January 2010

FPM Group, Ltd. (FPM) is pleased to submit the above-referenced Monitoring Well Decommissioning Report, Round 4 and Round 5 for the Long Term Monitoring Program at the former Griffiss Air Force Base, Rome, New York.

If you have any questions or require additional information, please call me at 315-336-7721 ext. 202, or e-mail me at g.atik@fpm-group.com.

Very truly yours,

Gaby A. Atik, P.E. Executive Vice President

Enc.

cc: Mr. Michael McDermott, AFRPA-Griffiss (4 copies and 2 CDs) Ms. Nanci Higginbotham, USACE (1 copy and 1 CD)

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LTM Program Former Griffiss Air Force Base Rome, New York

MONITORING WELL DECOMMISSIONING REPORT

Round 4 and Round 5



Prepared by: FPM Group, Ltd. 153 Brooks Road Rome, NY 13441

Revision 1.0 January 2010



WELL DECOMMISSIONING REPORT

Round 4 and Round 5

Prepared for:

Air Force Real Property Agency Former Griffiss Air Force Base Rome, New York

Through:

The United States Army Corps of Engineers 601 East 12th Street Kansas City, Missouri 64106

Prepared by:

FPM Group, Ltd. 153 Brooks Road Rome, NY 13441

Contract No. DACW41-02-D-0020 Delivery Order No. 0002

> Revision 1.0 January 2010

Well Decommissioning Report Long-Term Monitoring Program Former Griffiss AFB Contract # DACW41-02-D-0020/ Delivery Order #0002 Revision 1.0 January 2010 Page ii

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List of Acronyms and Abbreviations

AFB AFCEE AFRPA AOC AOI	Air Force Base Air Force Center for Environmental Excellence Air Force Real Property Agency Area of Concern Area of Interest
FPM	FPM Group, Ltd.
ID	Identification number
LTM	Long-term Monitoring
MW	Monitoring well
NFA NFS NYS NYSBC NYSDEC	No Further Action No Further Study New York State New York State Barge Canal New York State Department of Environmental Conservation
ОТН	Other well
ROD	Record of Decision
SMC	Six Mile Creek
USACE	United States Army Corp of Engineers

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1 Introduction

FPM Group, Ltd (FPM) decommissioned groundwater monitoring wells at the former Griffiss AFB in Winter and Fall 2006 and Winter 2007 (Round 4) and in Winter and Spring 2009 (Round 5) under contract with the US Army Corp of Engineers (USACE). This report documents both decommissioning rounds. Forty-five monitoring wells were decommissioned in Round 4 and 80 monitoring wells in Round 5. A total of 17 wells were confirmed to have been previously destroyed or decommissioned during Round 5.

2 Decommissioning Activities

2.1 Decommissioning Selection

The wells that were decommissioned were selected in accordance with the following criteria:

- a) The well was not sampled under the LTM program,
- b) The well was associated with a closed NYSDEC spill site,
- c) The well is a temporary well that was replaced with a permanent monitoring well,
- d) The well was associated with a site for which a No Further Study (NFS) Record of Decision (ROD) was signed,
- e) The well was associated with a site for which a No Further Action (NFA) ROD was signed, or
- f) The well was damaged and was a risk of becoming a pathway for contaminants,

The current Griffiss well database was referenced in choosing the wells for decommissioning. The well database was utilized to generate a list of proposed wells for decommissioning. The proposed list was submitted for NYSDEC and USEPA review.

2.2 Decommissioning Method

Prior to decommissioning, the selected locations were identified in the field and the well construction, presence of contamination at the site, and hydrogeological conditions were reviewed. The Figures illustrating the decommissioned monitoring wells are provided in Appendix A. Table 1 and Table 2, in Appendix B, provide the monitoring wells proposed for decommissioning in Round 4 and Round 5, respectively. The method of decommissioning was then selected in accordance with NYSDEC guidelines (NYSDEC, 1996). Due to the absence of contamination at the site and ease of implementation, casing pulling was the preferred method for decommissioning. If case pulling failed as a result of the inability to puncture the bottom of the screen or the well casing broke during pulling, then overdrilling or grouting in place was implemented. Appendix C provides the daily decommissioning field sheets which identify the

decommissioning method for each well. Appendix D provides the decommissioned monitoring well photos.

The case pulling method is as follows:

- 1. The well's screen bottom was punctured. (Failure results in overdrilling)
- 2. The well casing is filled with grout.
- 3. Jacks or winches are used to free the well casing from the borehole. (Failure results in overdrilling)
- 4. The well casing and screen are lifted out of the borehole with a drill rig, grout that is added to the well casing fills the borehole as the casing is pulled. (Failure results in overdrilling)
- 5. The borehole is immediately filled with grout using a tremie pipe to ground level.
- 6. The boreholes are reinspected a few days after decommissioning for settling and refilled to the surface with grout as necessary.
- 7. Once grouting is determined successful the site is restored to original condition with the use of topsoil and grass seed as necessary.

The overdrilling method is as follows:

- 1. The rod used to punch out the bottom of the well's screen remains in the well casing to guide the augers during overdrilling.
- 2. Augers are used to overdrill at least one foot below the bottom of the screen to ensure proper grouting.
- 3. The augers are filled with grout using a tremie pipe.
- 4. Augers are retracted and filled with grout as needed.
- 5. Once all augers are removed the borehole is grouted to grade
- 6. The boreholes are reinspected a few days after decommissioning for settling and refilled to the surface with grout as necessary.
- 7. Once grouting is determined successful the site is restored to original condition with the use of topsoil and grass seed as necessary.

The grout in place method is as follows:

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

2.3 Well Decommissioning Sites (Round 4)

Round 4 was performed in Winter and Fall 2006 and in Winter 2007. During this round, wells were decommissioned at 10 sites at the Former Griffiss AFB. These sites, shown in the figures provided in Appendix A, include:

- 1. Apron 1, 1 well (not part of any LTM network)
- 2. Building 100, 7 wells (site is closed)
- 3. Building 14, 5 wells (NYSDEC spill number is closed)
- 4. Building 779, 10 wells (site is closed)
- 5. Building T10, 4 wells (NYSDEC spill number is closed)
- 6. Hardfill 49A, 3 wells (NFS)
- 7. Pad 5750, 6 wells (site is closed)
- 8. Pad 5773, 5 wells (site is closed)
- 9. RI On-Base Wells, 2 wells, (NFS)
- 10. Small Arms Range, 2 wells (NFS)

The well IDs are given in the Wells Decommissioned Report in Table 3 (Appendix B). Monitoring wells that were not decommissioned during this round where added to the Round 5 decommissioning event.

2.4 Well Decommissioning Sites (Round 5)

Round 5 was performed in Winter and Spring 2009. During this round, wells were decommissioned at 22 sites at the Former Griffiss AFB. These sites, shown in the figures provided in Appendix A, include:

- 1. Apron 1, 12 wells (not part of any LTM network)
- 2. Apron 1, 13 wells (confirmed to have been previously destroyed or decommissioned)
- 3. Apron 2, 4 wells (not part of any LTM network)
- 4. Building 101, 1 well (not part of any LTM network)
- 5. Building 110, 6 wells (NYSDEC spill number is closed)
- 6. Building 133, 4 wells (site is closed)
- 7. Building 15, 3 wells (not part of any LTM network)
- 8. Building 20, 3 wells (NFS)
- 9. Building 301, 1 well (NFS)
- 10. Building 43, 7 wells (site is closed)
- 11. Building 510, 6 wells (NFS)
- 12. Building 771, 1 well (NFS)
- 13. Building 775, 1 well (not part of any LTM network)
- 14. Building 782, 4 wells (not part of any LTM network)
- 15. Building 786, 3 wells (not part of any LTM network)
- 16. Building 786, 1 well (confirmed to have been previously destroyed or decommissioned)
- 17. Building 789, 1 well (not part of any LTM network)
- 18. Fire Protection Training Area, 7 wells (site is closed)
- 19. Landfill 1, 2 wells (not part of any LTM network)
- 20. Landfill 1, 2 wells (confirmed to have been previously destroyed or decommissioned)
- 21. Landfill 4, 2 wells (site is closed)
- 22. Landfill 5, 1 well (not part of any LTM network)

- 23. Landfill 7, 2 wells (not part of any LTM network)
- 24. Lot 69, 4 wells (NFS)
- 25. Six Mile Creek, 5 wells (not part of any LTM network)
- 26. Six Mile Creek, 1 well (confirmed to have been previously destroyed or decommissioned)

The well IDs are given in the Wells Decommissioned Report in Table 4. Several wells were not decommissioned during Round 5. Information on these wells is given in Table 5 in Appendix B. These wells were not decommissioned due to:

- 1. Apron 1: wells could not be located, are buried under biopiles (7 wells)
- 2. Apron 2: wells could not be located, are buried under biopiles (3 wells)

3 Summary and Recommendations

FPM decommissioned a total of 45 monitoring wells during Round 4 of well decommissioning at 10 sites on the former Griffiss AFB in Winter and Fall 2006 and Winter 2007. All wells were decommissioned using the casing pulling, overdrilling, or grout in place method during Round 4. During Round 5 a total of 80 monitoring wells were decommissioned at 22 sites on the former Griffiss AFB in Winter and Spring 2009. A total of 17 wells were also confirmed to have been previously destroyed or decommissioned. All wells were decommissioned in accordance with NYSDEC guidelines. The well database has been updated to reflect these decommissioning rounds. Appendix E includes a summary of the remaining monitoring wells at the former Griffiss AFB.

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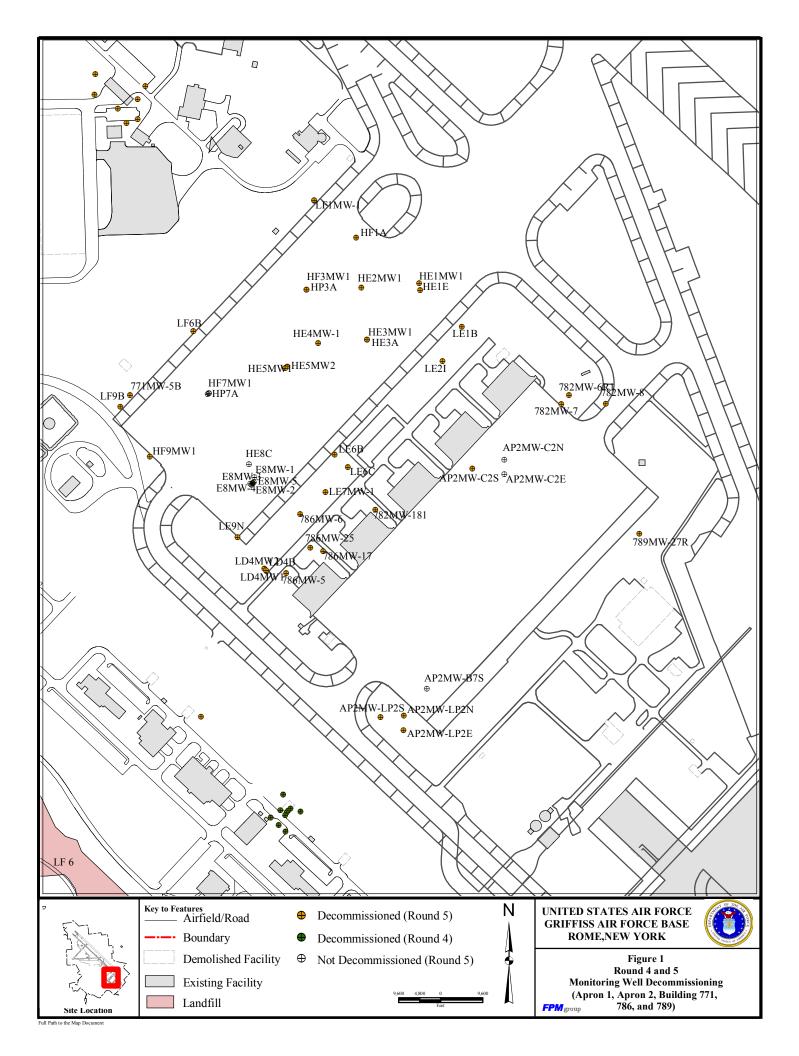
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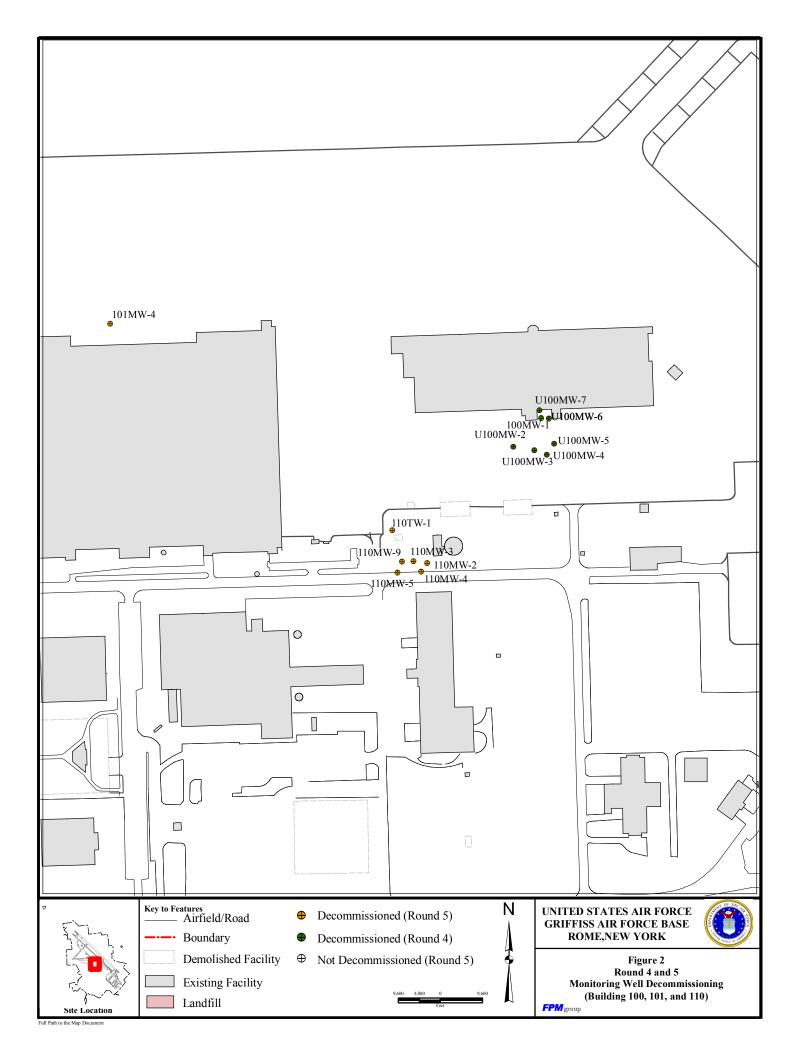
NYSDEC, Groundwater Monitoring Well Decommissioning Procedures, October 1996.

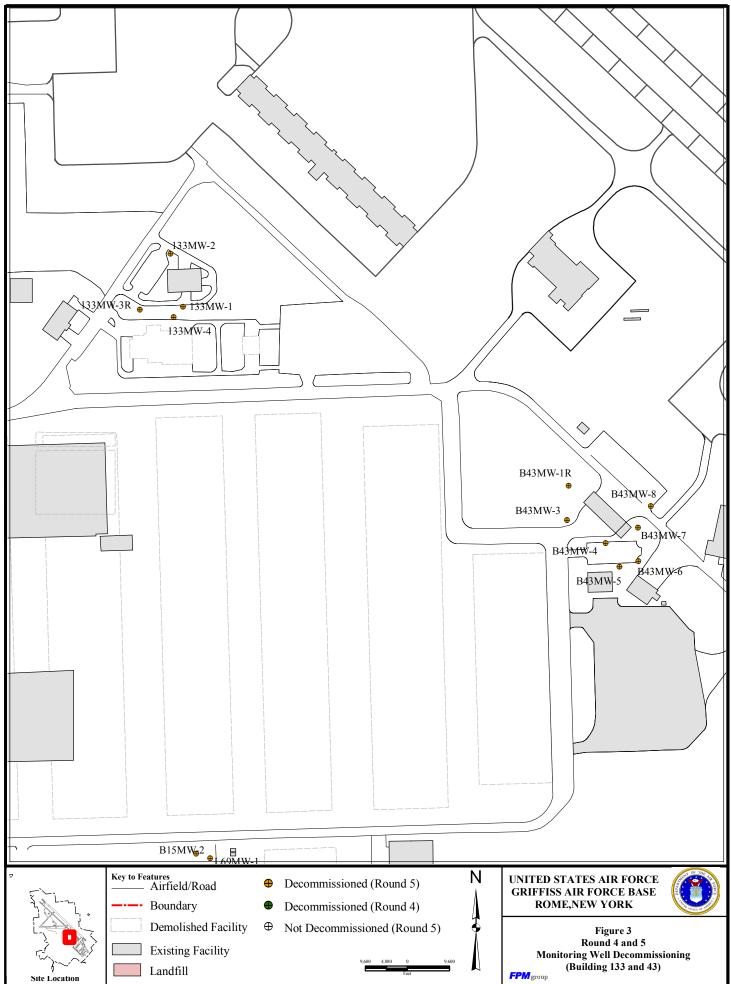
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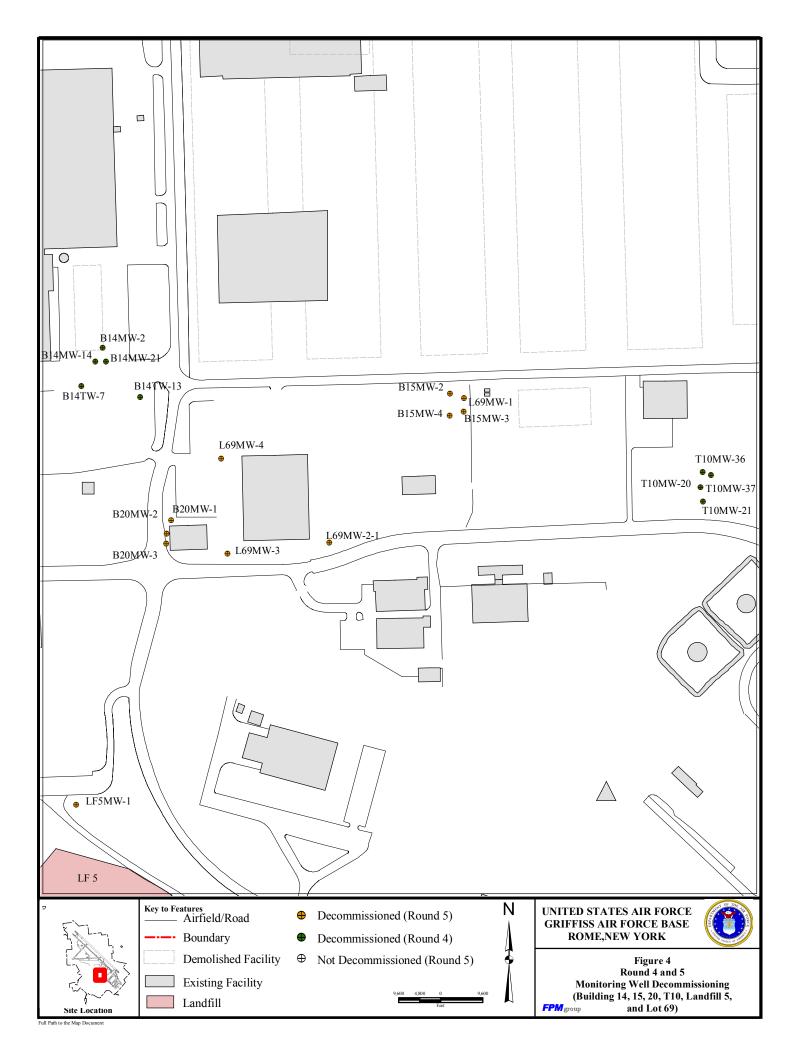
Appendix A Decommissioning Rounds 4 and 5 Monitoring Well Location Figures

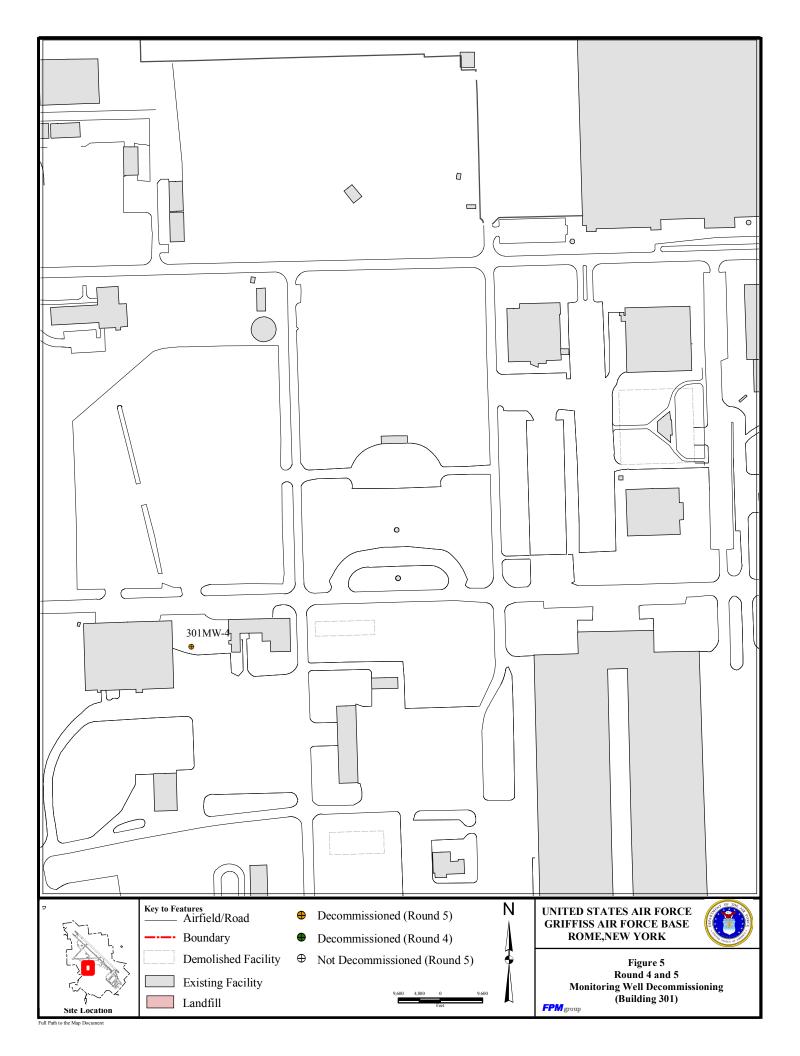


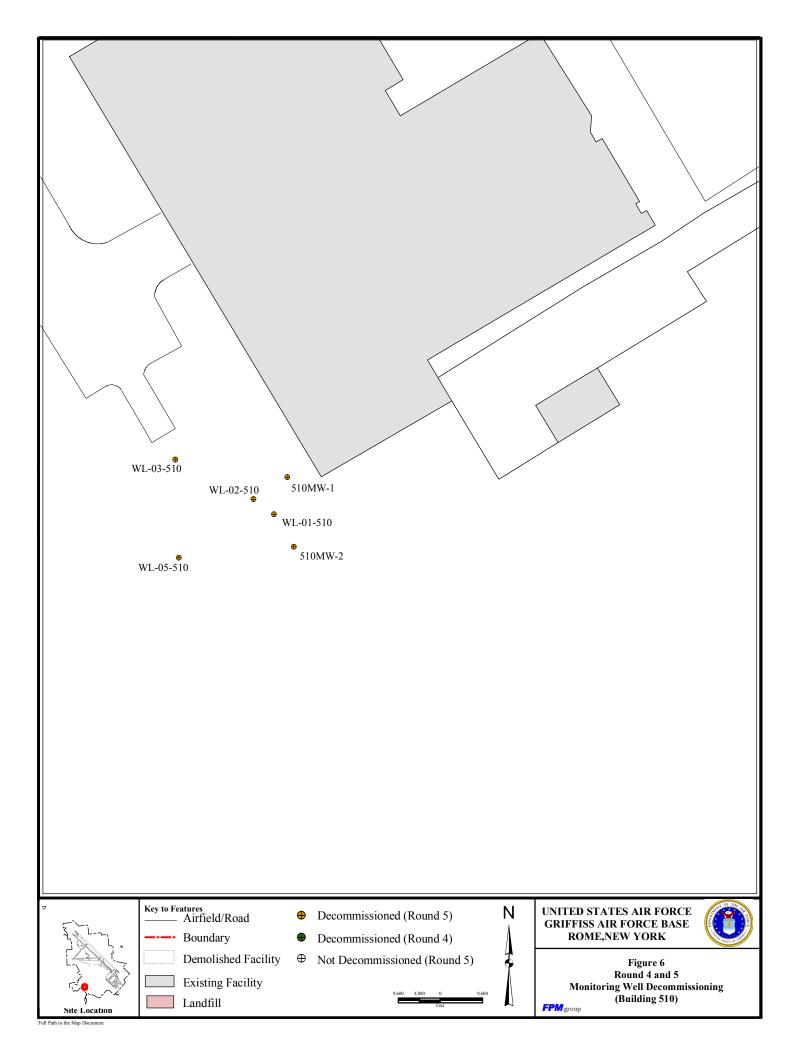


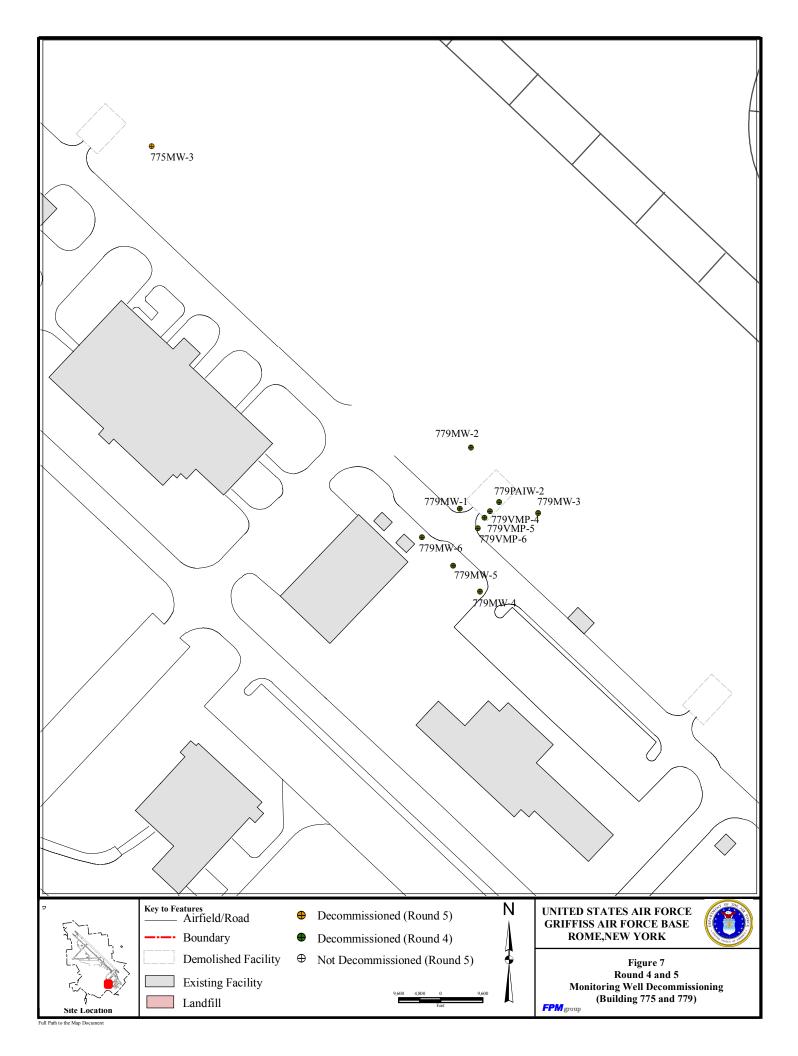


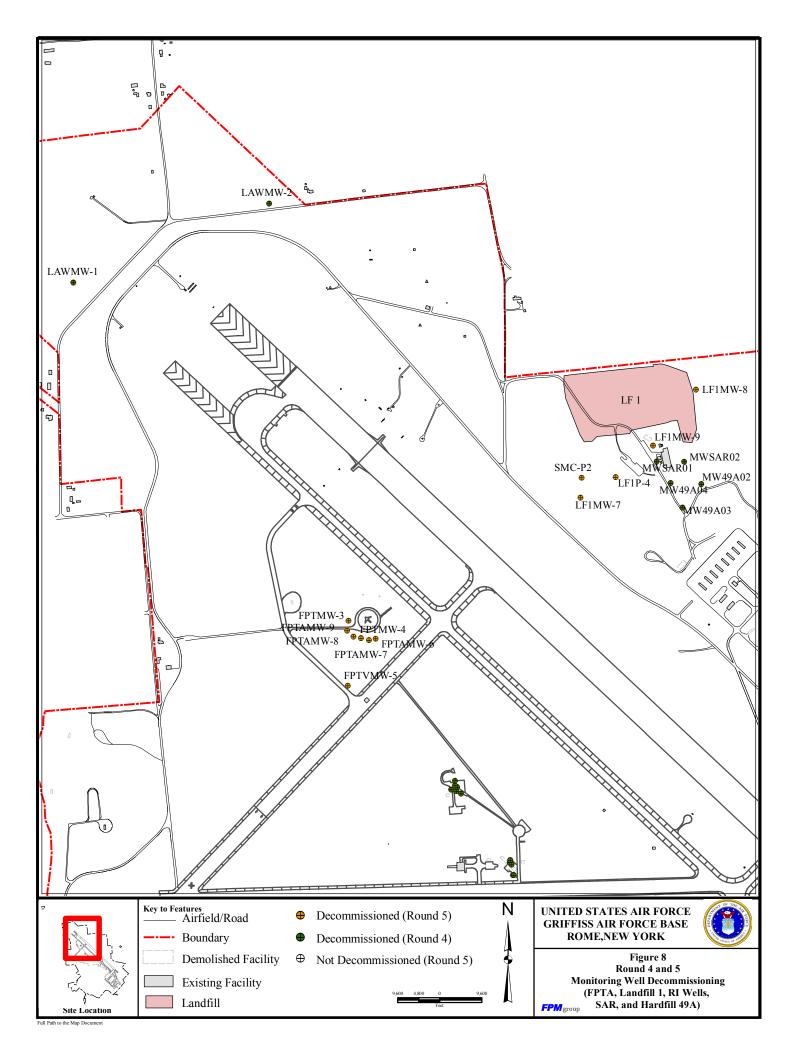
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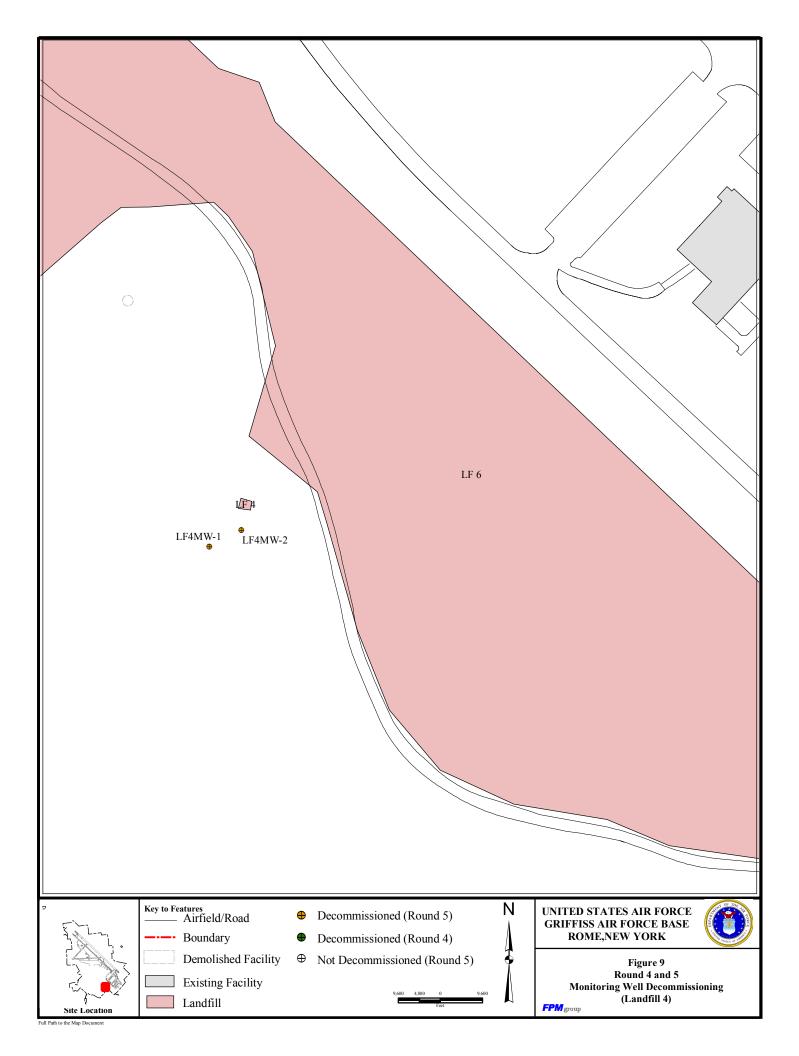


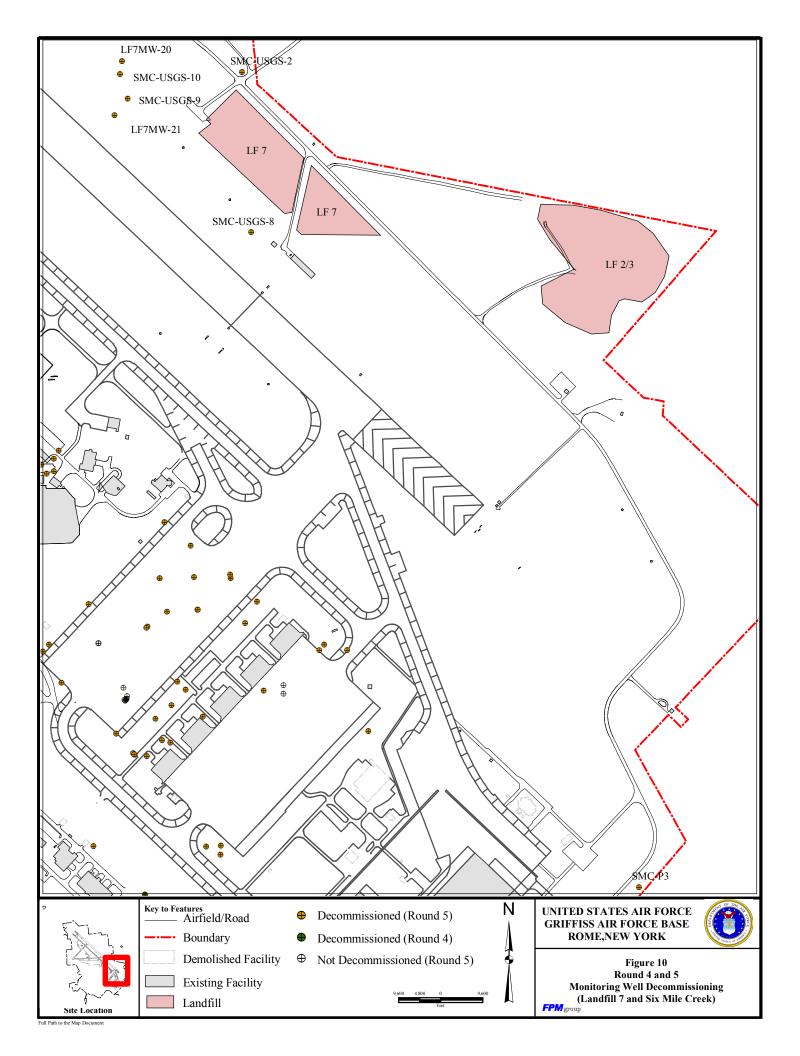


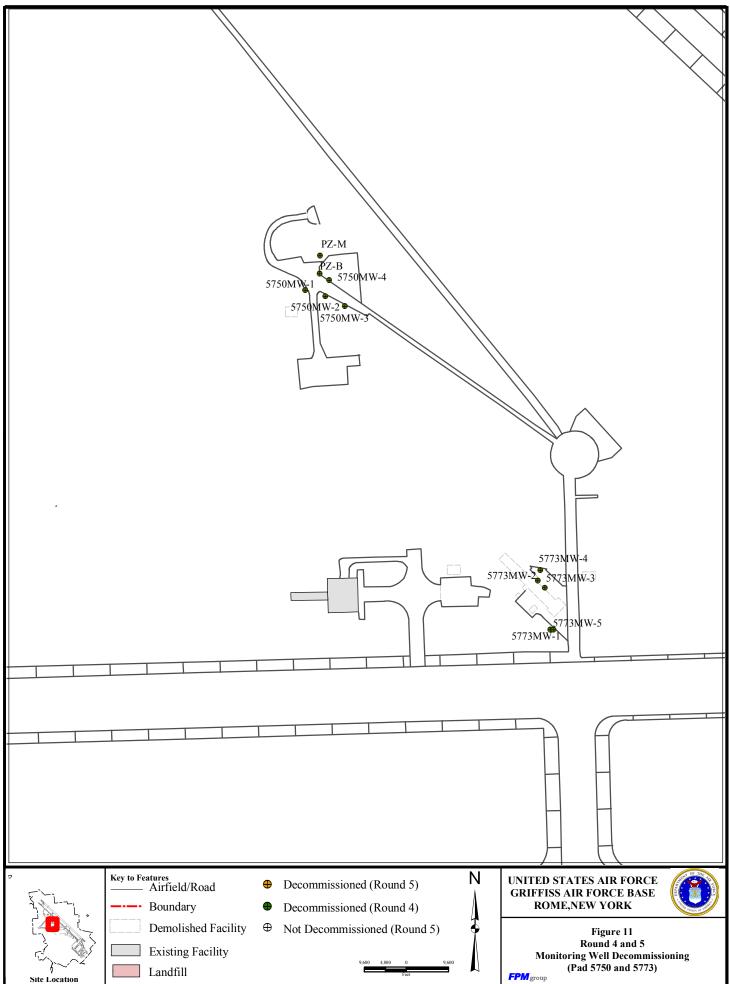












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Appendix B Decommissioning Tables

Round 4 Proposed Decommissioning Wells

Area or Program Apron 1

Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth
E8MW-2	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 4)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	
E8MW-3	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 4)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	
E8MW-4	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 4)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	
E8MW-5	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 4)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	
E8MW-1	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 4)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	

Area or Program Building 110

Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth
110MW-2	AOC LTM	Proposed for Decommissioning (Round 4)	Flush mount completion. No lock.	22
110MW-5	AOC LTM	Proposed for Decommissioning (Round 4)	Flush mount completion. No lock.	22

110TW-1	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	Piezometer, flush mount completion (steel cover with one bolt in the center).	22
110MW-3	AOC LTM	Proposed for Decommissioning (Round 4)	Flush mount completion. No lock.	22
110MW-9	AOC LTM	Proposed for Decommissioning (Round 4)	Flush mount completion. No lock.	22
110MW-4	AOC LTM	Proposed for Decommissioning (Round 4)	Flush mount completion. No lock.	19

Area or Program Building 133

	Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth
	133MW-3R	Characterize groundwater contamination	Proposed for Decommissioning (Round 4)	No record of piezometer/well during well inspection field activities.	19
	133MW-4	Petro AOC LTM	Proposed for Decommissioning (Round 4)	Well, above ground completion, decommissioned by E & E on 5-21-98.	24
	133MW-2	Supplemental Investigations	Proposed for Decommissioning (Round 4)	Well, above ground completion.	22
	133MW-1	Supplemental Investigations	Proposed for Decommissioning (Round 4)	Well, above ground completion.	22
Area or Program	Building 14				
	Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth

B14MW-2	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	Flush mount completion. No lock.	19
B14MW-4	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	Flush mount completion. No lock.	18
B14-TW7	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	1 IN. PVC Piezometer, flush mount completion.	14
B14-TW13	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	1 IN. PVC Piezometer, flush mount completion.	14
B14MW-21	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	Flush mount completion. No lock. 15' screen.	21

Area or Program Building 779

Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth
779MW-6	Characterize groundwater contamination.	Proposed for Decommissioning (Round 4)	Well, above ground completion.	67
779MW-5	Characterize groundwater contamination.	Proposed for Decommissioning (Round 4)	Well, above ground completion.	69
779MW-2	JREZ-87-0183 Hydrogeology Study by UNC Geotech	Proposed for Decommissioning (Round 4)	Well, above ground completion, no protective posts (well partially buried).	68
779MW-3	JREZ-87-0183 Hydrogeology Study by UNC Geotech	Proposed for Decommissioning (Round 4)	Well, above ground completion, no protective posts (well partially buried).	65

779MW-4	Characterize groundwater contamination.	Proposed for Decommissioning (Round 4)	Well, above ground completion.	66
779PAIW-2	Bioventing Injection Well	Proposed for Decommissioning (Round 4)	4" PVC Air Injection Well. Stick up.	
779MW-1	JREZ-87-0183 Hydrogeology Study by UNC Geotech	Proposed for Decommissioning (Round 4)	Well, above ground completion, no protective posts.	
779PVMP-5	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	1" Soil Vapor Monitoring Point. Flush Mount.	
779PVMP-4	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	1" Soil Vapor Monitoring Point. Flush Mount.	
779PVMP-6	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	1" Soil Vapor Monitoring Point. Flush Mount.	

Area or Program Building T10

Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth
T10MW-21	Petroleum Spill Site (Petroleum Spill # 9208334)	Proposed for Decommissioning (Round 4)	225 FT South of the Southeast corner of Building 1300. Flush mount.	14
T10MW-20	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	Flush mount completion. No lock.	15
T10MW-37	Petroleum Spill Site	Proposed for Decommissioning (Round 4)	Flush mount completion. No lock.	15

Area or Program Hardfill 49a

Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth
MW49A04	Predesign Investigation at Hardfills 49a, 49b, 49c, & 49d.	Proposed for Decommissioning (Round 4)	Well, above ground completion.	23
MW49A01	Predesign Investigation at Hardfills 49a, 49b, 49c, & 49d.	Proposed for Decommissioning (Round 4)	Well, above ground completion.	
MW49A03	Predesign Investigation at Hardfills 49a, 49b, 49c, & 49d.	Proposed for Decommissioning (Round 4)	Well, above ground completion.	21
MW49A02	Predesign Investigation at Hardfills 49a, 49b, 49c, & 49d.	Proposed for Decommissioning (Round 4)	Well, above ground completion.	24

Area or Program Pad 5750

Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth
5750MW-3	AOC LTM	Proposed for Decommissioning (Round 4)	2" PVC Monitoring well. Above ground completion,	23
5750MW-1	AOC LTM	Proposed for Decommissioning (Round 4)	2" PVC Monitoring well. Above ground completion,	23
5750MW-4	AOC LTM	Proposed for Decommissioning (Round 4)	Well, flush mount completion.	21

PZ-M	GW sampling at Site Pad 5750	Proposed for Decommissioning (Round 4)	Piezometer, stick up completion.	19
PZ-P	GW sampling at Site Pad 5750	Proposed for Decommissioning (Round 4)	Piezometer, stick up completion.	19
PZ-II	GW sampling at Site Pad 5750	Proposed for Decommissioning (Round 4)	Piezometer, stick up completion.	20
5750MW-2	AOC LTM	Proposed for Decommissioning (Round 4)	2" PVC Monitoring well. Above ground completion,	23
PZ-B	GW sampling at Site Pad 5750	Proposed for Decommissioning (Round 4)	Piezometer, stick up completion.	20

Area or Program Pad 5773

Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth
5773MW-5	AOC LTM	Proposed for Decommissioning (Round 4)	2" PVC Monitoring well. Above ground completion	24
5773MW-4	AOC LTM	Proposed for Decommissioning (Round 4)	2" PVC Monitoring well. Above ground completion	25
5773MW-2	AOC LTM	Proposed for Decommissioning (Round 4)	Well, flush mount completion.	20
5773MW-1	AOC LTM	Proposed for Decommissioning (Round 4)	2" PVC Monitoring well. Above ground completion	24

5773MW-3	AOC LTM	Proposed for Decommissioning	Well, flush mount completion.	21
		(Round 4)		

Area or Program Small Arms Range

Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth
MWSAR01	Predesign Investigation at Hardfills 49a, 49b, 49c, & 49d.	Proposed for Decommissioning (Round 4)	Well, above ground completion, concrete pad cracked.	24
MWSAR02	Predesign Investigation at Hardfills 49a, 49b, 49c, & 49d.	Proposed for Decommissioning (Round 4)	Well, above ground completion, only 2 protective posts.	27

Area or Program UST 100

Well ID	Well Purpose	Well Use Status	Physical Description	5/2003 Total Depth
UST100-MW2	AOC LTM	Proposed for Decommissioning (Round 4)	Well, flush mount completion.	18
UST100-MW7	AOC LTM	Proposed for Decommissioning (Round 4)	Well, flush mount completion.	20
UST100-MW6	AOC LTM	Proposed for Decommissioning (Round 4)	Well, flush mount completion.	0
UST100-MW5	AOC LTM	Proposed for Decommissioning (Round 4)	Well, flush mount completion.	20
UST100-MW4	AOC LTM	Proposed for Decommissioning (Round 4)	Well, flush mount completion.	18

UST100-MW3	AOC LTM	Proposed for Decommissioning (Round 4)	Well, flush mount completion.	20

Grand Total

1194

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
HF9MW1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	28
E8MW-4	Apron 1	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 5)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	Not decommissioned in Summer, 2005. Buried under biopile.	27
E8MW-3	Apron 1	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 5)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	Not decommissioned in Summer, 2005. Buried under biopile.	27
E8MW-1	Apron 1	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 5)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	Not decommissioned in Summer, 2005. Buried under biopile.	25
LE9N	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer not found.	Well no longer needed. Not part of LTM Network	20
LE6C	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer, stick-up.	Well no longer needed. Not part of LTM Network	19
LE6B	Apron 1	To obtain groundwater elevations.	Proposed for Decommissioning (Round 5)	Piezometer not found.	Well no longer needed. Not part of LTM Network	13

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
LE2I	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer, stick-up.	Well no longer needed. Not part of LTM Network	18
LE1B	Apron 1	To obtain groundwater elevations.	Proposed for Decommissioning (Round 5)	Piezometer not found, possibly buried.	Well no longer needed. Not part of LTM Network	9
LD4MW2	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	39
LD4MW1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	24
LD4B	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer (no record of piezometer during well inspection field activities).	Well no longer needed. Not part of LTM Network	18
E8MW-5	Apron 1	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 5)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	Not decommissioned in Summer, 2005. Buried under biopile.	27
НРЗА	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer not found, possibly buried.	Well no longer needed. Not part of LTM Network	16

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
LF1MW1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	30
HF7MW1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	29
HF3MW1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	30
HF1A	Apron 1	To obtain groundwater elevations.	Proposed for Decommissioning (Round 5)	Piezometer, flush.	Well no longer needed. Not part of LTM Network	10
HE8C	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer (no record of piezometer during well inspection field activities).	Well no longer needed. Not part of LTM Network	22
HE5MW2	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	17
HE5MW1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	28

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
HE3MW1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	30
НЕЗА	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer not found, possibly buried.	Well no longer needed. Not part of LTM Network	19
HE2MW1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	28
HE1MW1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	30
HE1E	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer, flush.	Well no longer needed. Not part of LTM Network	10
HP7A	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer not found.	Well no longer needed. Not part of LTM Network	19
HE4MW-1	Apron 1	AOI LTM	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Flush mount completion.	Well no longer needed. Not part of LTM Network	30

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
LE7MW-1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	25
AP2MW-LP2N	Apron 2	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion, four protective posts.	Well no longer needed. Not part of LTM Network	27
AP2MW-C2N	Apron 2	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Flush mount completion.	Well no longer needed. Not part of LTM Network	27
AP2MW-C2E	Apron 2	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Flush mount completion.	Well no longer needed. Not part of LTM Network	26
AP2MW-B7S	Apron 2	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Flush mount completion.	Well no longer needed. Not part of LTM Network	24
AP2MW-LP2E	Apron 2	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion, four protective posts.	Well no longer needed. Not part of LTM Network	28
AP2MW-LP2S	Apron 2	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion, four protective posts.	Well no longer needed. Not part of LTM Network	28

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
AP2MW-C2S	Apron 2	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Flush mount completion.	Well no longer needed. Not part of LTM Network	25
101MW-4	Building 101	Supplemental Investigations	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	23
110MW-9	Building 110	AOC LTM	Proposed for Decommissioning (Round 5)	Flush mount completion. No lock.	Site is closed.	22
110MW-3	Building 110	AOC LTM	Proposed for Decommissioning (Round 5)	Flush mount completion. No lock.	Site is closed.	22
110MW-5	Building 110	AOC LTM	Proposed for Decommissioning (Round 5)	Flush mount completion. No lock.	Site is closed.	22
110MW-2	Building 110	AOC LTM	Proposed for Decommissioning (Round 5)	Flush mount completion. No lock.	Site is closed.	22
110TW-1	Building 110	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	Piezometer, flush mount completion (steel cover with one bolt in the center).	Site is closed.	22

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
110MW-4	Building 110	AOC LTM	Proposed for Decommissioning (Round 5)	Flush mount completion. No lock.	Site is closed.	19
133MW-2	Building 133	Supplemental Investigations	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Spill closure has been requested.	22
133MW-3R	Building 133	Characterize groundwater contamination	Proposed for Decommissioning (Round 5)	No record of piezometer/well during well inspection field activities.	Spill closure has been requested.	19
133MW-4	Building 133	Petro AOC LTM	Proposed for Decommissioning (Round 5)	Well, above ground completion, decommissioned by E & E on 5-21-98.	Spill closure has been requested.	24
133MW-1	Building 133	Supplemental Investigations	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Spill closure has been requested.	22
B14MW-2	Building 14	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	Flush mount completion. No lock.	Spill # is closed	19
B15MW-4	Building 15	AOC LTM	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	12

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
B15MW-3	Building 15	AOC LTM	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	13
B15MW-2	Building 15	AOC LTM	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	13
B43MW-5	Building 43	AOC LTM	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion,	Well no longer needed. Spill closure has been requested.	15
B43MW-3	Building 43	Remedial Investigation	Proposed for Decommissioning (Round 5)	Above ground completion, no protective posts.	Well no longer needed. Spill closure has been requested.	22
B43MW-8	Building 43	AOC LTM	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Spill closure has been requested.	22
B43MW-6	Building 43	AOC LTM	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion,	Well no longer needed. Site Closed	19
B43MW-4	Building 43	AOC LTM	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion,	Well no longer needed. Spill closure has been requested.	13

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
B43MW-1R	Building 43	Remedial Investigation	Proposed for Decommissioning (Round 5)	Well, above ground completion, no protective posts.	Well no longer needed. Spill closure has been requested.	22
B43MW-7	Building 43	AOC LTM	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion,	Well no longer needed. Spill closure has been requested.	21
510MW-1	Building 510	Confirmatory Sampling at 21 USTs	Proposed for Decommissioning (Round 5)	Well, above ground completion, rusty water.	No further study	15
WL-01-510	Building 510	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	Piezometer, stick-up, PVC casing with locking cap but without steel protective casing.	No further Study	8
WL-02-510	Building 510	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	Piezometer, stick-up, PVC casing with locking cap but without steel protective casing.	No Further Study	8
WL-03-510	Building 510	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	Piezometer, above ground completion, 4 protective posts.	No Further Study	16
WL-05-510	Building 510	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	Piezometer, flush mount completion (steel cover with one bolt in the center).	No Further Study	12

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
510MW-02	Building 510	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	Well, above ground completion.	No further study	12
775MW-3	Building 775	JREZ-87-0183 Hydrogeology Study by UNC Geotech	Proposed for Decommissioning (Round 5)	Well, above ground completion, top 3'-4' riser broken off, well filled with sand.	Well no longer needed. Not part of LTM Network	64
782MW-8	Building 782	Chlorinated Plume	Proposed for Decommissioning (Round 5)	Well, flush mount completion (steel cover with one bolt in the center).	Well no longer needed. Not part of LTM Network	29
782-MW181	Building 782	Remedial Investigation	Proposed for Decommissioning (Round 5)	pedistal	Well no longer needed. Not part of LTM Network	56
782-MW184	Building 782	Remedial Investigation	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	56
782MW-7	Building 782	Chlorinated Plume	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	31
782MW-6R1	Building 782	Supplemental Investigations	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Perched conditions reported. Well replaced by 782MW-6R2.	30

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
786MW-17	Building 786	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	Piezometer, flush mount completion (steel cover with one bolt in the center).	Well no longer needed. Not part of LTM Network	23
786MW-25	Building 786	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	Piezometer, flush mount completion (steel cover with one bolt in the center).	Well no longer needed. Not part of LTM Network	23
786MW-5	Building 786	Remedial Investigation	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	24
786MW-6	Building 786	Supplemental Investigations	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	22
789MW-27R	Building 789	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion, four protective posts.	Located in perched zone. Well is too shallow	25
FPTMW-4	Fire Protection Training Area	Supplemental Investigations	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Spill closure has been requested.	19
FPTAMW-9	Fire Protection Training Area	AOC LTM	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion,	Spill closure has been requested.	20

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
FPTVMW-5	Fire Protection Training Area	Supplemental Investigations	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Spill closure has been requested.	24
FPTAMW-8	Fire Protection Training Area	AOC LTM	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion,	Spill closure has been requested.	17
FPTAMW-7	Fire Protection Training Area	AOC LTM	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion,	Spill closure has been requested.	19
FPTMW-3	Fire Protection Training Area	Remedial Investigation	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Spill closure has been requested.	21
FPTAMW-6	Fire Protection Training Area	AOC LTM	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Above ground completion,	Spill closure has been requested.	19
LF1MW-7	Landfill 1	IRP Phase II -Problem Confirmation and Quantification Study	Proposed for Decommissioning (Round 5)	Bedrock well, above ground completion.	Well no longer needed. Not part of LTM Network	17
LF1MW-8	Landfill 1	Remedial Investigation	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	13

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
LF1MW-9	Landfill 1	Remedial Investigation	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	20
LF1P-4	Landfill 1	IRP Phase II -Problem Confirmation and Quantification Study	Proposed for Decommissioning (Round 5)	Well, above ground completion, with sliding steel plate as locking lid.	Well no longer needed. Not part of LTM Network	26
LF4-MW1	Landfill 4	AOC LTM	Proposed for Decommissioning (Round 5)	pedistal	Well no longer needed. Not part of LTM Network	26
LF4-MW2	Landfill 4	AOC LTM	Proposed for Decommissioning (Round 5)	pedistal	Well no longer needed. Not part of LTM Network	26
LF5MW-1	Landfill 5	Remedial Investigation	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network	20
LF7MW-21	Landfill 7	Remedial Investigation	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	13
LF7MW-20	Landfill 7	Remedial Investigation	Proposed for Decommissioning (Round 5)	Well, above ground completion.	Well no longer needed. Not part of LTM Network	14

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
SMC-USGS-9	Six Mile Creek	Hazardous Waste Determination	Proposed for Decommissioning (Round 5)	Piezometer, stick-up.	Well no longer needed. Site closed	12
SMC-P2	Six Mile Creek	Remedial Investigation	Proposed for Decommissioning (Round 5)	Piezometer, above ground completion.	Not part of LTM network	25
SMC-P3	Six Mile Creek	Remedial Investigation	Proposed for Decommissioning (Round 5)	Piezometer, above ground completion.	Not part of LTM network	25
SMC-USGS-8	Six Mile Creek	Hazardous Waste Determination	Proposed for Decommissioning (Round 5)	Piezometer, stick-up, with locking cover but without steel protective casing.	Well no longer needed. Not part of LTM Network	14
SMC-USGS-10	Six Mile Creek	Hazardous Waste Determination	Proposed for Decommissioning (Round 5)	Piezometer, stick-up, with locking cover but without steel protective casing.	No longer in use.	6
SMC-USGS-2	Six Mile Creek	Hazardous Waste Determination	Proposed for Decommissioning (Round 5)	Piezometer, stick-up, with locking cover but without steel protective casing.	No longer in use.	30

Grand Total (ft)

2162

Decommissioning (Round 5, additional wells)

Area or Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth	Decommisioning Justification
Lot 69	L69MW-1	Remedial Investigation	Proposed for Decommissioning (Round 5a)	Well, flush mount completion.	17	No Further Sampling at site, November 2004
Lot 69	L69MW-4	Remedial Investigation	Proposed for Decommissioning (Round 5a)	Well, flush mount completion.	21	No Further Sampling at site, November 2004
Lot 69	L69MW-3	Remedial Investigation	Proposed for Decommissioning (Round 5a)	Well, flush mount completion, both bolt threads on housing stripped.	19	No Further Sampling at site, November 2004
Lot 69	L69MW2-1	Remedial Investigation	Proposed for Decommissioning (Round 5a)	Well, flush mount completion.	19	No Further Sampling at site, November 2004

Area or Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth	Decommisioning Justification
Building 301	301MW-4	IRP Phase II -Problem Confirmation and Quantification Study	Proposed for Decommissioning (Round 5a)	Well, above ground completion.	28	No Further Sampling at site, November 2004
Building 20	B20MW-3	Remedial Investigation	Proposed for Decommissioning (Round 5a)	Well, flush mount completion, lock corrode (below surface corrosion is extensive).		No Further Sampling at site, November 2004
Building 20	B20MW-2	Remedial Investigation	Proposed for Decommissioning (Round 5a)	Well, flush mount completion, lock corrode (below surface corrosion is extensive).		No Further Sampling at site, November 2004
Building 20	B20MW-1	USAF Contract No. F30635-86-C-0111: Subsurface Investigation at Various Locations	Proposed for Decommissioning (Round 5a)	Well, above ground completion, no protectiv posts.	16 e	No Further Sampling at site, November 2004

Round 4 Decommissioned Wells

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 4 Decommissioning (Date)	Method	Total Depth
Apron 1	E8MW-2	Decommissioned	Well no longer needed.	2/8/2006	B (Overdrill)	26
Building 100	100MW-1	Decommissioned	Construction at Building 100	9/12/2006	A (Pull and grout)	26
Building 14	B14MW-2	Decommissioned	Spill # is closed	3/2007	A (Pull and grout)	19
Building 14	B14-TW7	Decommissioned	Spill # is closed	3/12/2007	A (Pull and grout)	14
Building 14	B14-TW13	Decommissioned	Spill # is closed	2/8/2006	A (Pull and grout)	14
Building 14	B14MW-21	Decommissioned	Spill # is closed	3/9/2007	A (Pull and grout)	21
Building 14	B14MW-4	Decommissioned	Spill # is closed	3/9/2007	A (Pull and grout)	18

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 4 Decommissioning (Date)	Method	Total Depth
Building 779	779MW-1	Decommissioned	Site is closed	1/27/2006 and 1/30/2006	B (Overdrill)	65
Building 779	779MW-2	Decommissioned	Site is closed	1/31/2006	B (Overdrill)	68
Building 779	779MW-3	Decommissioned	Site is closed	2/15/2006	B (Overdrill)	65
Building 779	779MW-4	Decommissioned	Site is closed	2/17/2006	C (Grout in Place)	66
Building 779	779MW-6	Decommissioned	Site is closed	2/15/2006	B (Overdrill)	67
Building 779	779PVMP-6	Decommissioned	Site is closed	2/9/2006	B (Overdrill)	45
Building 779	779PVMP-5	Decommissioned	Site is closed	1/4/2007	B (Overdrill)	45
Building 779	779MW-5	Decommissioned	Site is closed	2/16/2006	B (Overdrill)	69

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 4 Decommissioning (Date)	Method	Total Depth
Building 779	779PVMP-4	Decommissioned	Site is closed	2/13/2006	B (Overdrill)	45
Building 779	779PAIW-2	Decommissioned	Site is closed	2/13/2006	B (Overdrill)	45
Building T10	T10MW-21	Decommissioned	Spill # is closed.	1/23/2006	A (Pull and grout)	14
Building T10	T10MW-36	Decommissioned	Spill # is closed.	1/23/2006	A (Pull and grout)	16
Building T10	T10MW-37	Decommissioned	Spill # is closed.	1/23/2006	A (Pull and grout)	15
Building T10	T10MW-20	Decommissioned	Spill # is closed.	1/23/2006	A (Pull and grout)	15
Hardfill 49a	MW49A03	Decommissioned	No Further Study	1/26/2006	A (Pull and grout)	21
Hardfill 49a	MW49A02	Decommissioned	No Further Study	1/26/2006	A (Pull and grout)	24

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 4 Decommissioning (Date)	Method	Total Depth
Hardfill 49a	MW49A04	Decommissioned	No Further Study	1/11/2007	A (Pull and grout)	23
Pad 5750	5750MW-2	Decommissioned	Site is closed	1/25/2006	A (Pull and grout)	23
Pad 5750	5750MW-4	Decommissioned	Site is closed	1/26/2006	A (Pull and grout)	21
Pad 5750	5750MW-3	Decommissioned	Site is closed	1/25/2006	A (Pull and grout)	23
Pad 5750	PZ-B	Decommissioned	Site is closed	1/26/2006	A (Pull and grout)	20
Pad 5750	PZ-M	Decommissioned	Site is closed	1/26/2006	A (Pull and grout)	19
Pad 5750	5750MW-1	Decommissioned	Site is closed	1/25/2006	A (Pull and grout)	23
Pad 5773	5773MW-2	Decommissioned	Site is closed	1/23/2006	A (Pull and grout)	20

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 4 Decommissioning (Date)	Method	Total Depth
Pad 5773	5773MW-4	Decommissioned	Site is closed	1/24/2006	A (Pull and grout)	25
Pad 5773	5773MW-3	Decommissioned	Site is closed	1/24/2006	A (Pull and grout)	21
Pad 5773	5773MW-1	Decommissioned	Site is closed	1/23/2006	B (Overdrill)	24
Pad 5773	5773MW-5	Decommissioned	Site is closed	1/24/2006	A (Pull and grout)	24
RI - On Base	LAWMW-2	Decommissioned	No Further Study	1/10/2007	A (Pull and grout)	14
RI - On Base	LAWMW-1	Decommissioned	No Further Study	1/10/2007	A (Pull and grout)	17
Small Arms Range	MWSAR01	Decommissioned	No Further Study	1/26/2006	A (Pull and grout)	24
Small Arms Range	MWSAR02	Decommissioned	No Further Study	1/11/2006	A (Pull and grout)	27

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 4 Decommissioning (Date)	Method	Total Depth
UST 100	UST100-MW2	Decommissioned	Site is closed	3/12/2007	A (Pull and grout)	18
UST 100	UST100-MW7	Decommissioned	Construction at Building 100	9/12/2006	A (Pull and grout)	20
UST 100	UST100-MW6	Decommissioned	Construction at building 100	9/12/2006	A (Pull and grout)	20
UST 100	UST100-MW5	Decommissioned	Site is closed	3/12/2007	A (Pull and grout)	20
UST 100	UST100-MW4	Decommissioned	Site is closed	3/12/2007	A (Pull and grout)	18
UST 100	UST100-MW3	Decommissioned	Site is closed	3/12/2007	A (Pull and grout)	20

Round 5 Decommissioned Wells

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Apron 1	LE2I	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		18
Apron 1	LF9B	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		16
Apron 1	HE5MW2	Decommissioned	Well no longer needed. Not part of LTM Network	3/26/09	A (Pull and grout)	17
Apron 1	HF3MW1	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		30
Apron 1	HF9MW1	Decommissioned	Well no longer needed. Not part of LTM Network	2/12/09	C (Grout in Place)	25
Apron 1	НРЗА	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		16

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Apron 1	LD4B	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		18
Apron 1	LD4MW1	Decommissioned	Well no longer needed. Not part of LTM Network	2/11/09	A (Pull and grout)	24
Apron 1	HE3MW1	Decommissioned	Well no longer needed. Not part of LTM Network	3/27/09	A (Pull and grout)	30
Apron 1	LE1B	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		9
Apron 1	HE5MW1	Decommissioned	Well no longer needed. Not part of LTM Network	3/26/09	A (Pull and grout)	28
Apron 1	LE6B	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		13
Apron 1	LE6C	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		19

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Apron 1	LE7MW-1	Decommissioned	Well no longer needed. Not part of LTM Network	2/12/09	A (Pull and grout)	25
Apron 1	LE9N	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		20
Apron 1	LFIH	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		16
Apron 1	LF1MW1	Decommissioned	Well no longer needed. Not part of LTM Network	2/12/09	C (Grout in Place)	32
Apron 1	LF6B	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		16
Apron 1	LD4MW2	Decommissioned	Well no longer needed. Not part of LTM Network	2/11/09	C (Grout in Place)	39
Apron 1	HE4MW-1	Decommissioned	Well no longer needed. Not part of LTM Network	3/26/09	A (Pull and grout)	30

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Apron 1	HE2MW1	Decommissioned	Well no longer needed. Not part of LTM Network	3/26/09	A (Pull and grout)	28
Apron 1	HE1MW1	Decommissioned	Well no longer needed. Not part of LTM Network	3/26/09	A (Pull and grout)	30
Apron 1	HE1E	Decommissioned	Well no longer needed. Not part of LTM Network	3/26/09	A (Pull and grout)	10
Apron 1	HF1A	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		10
Apron 1	HE3A	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		19
Apron 2	AP2MW-LP2N	Decommissioned	Well no longer needed. Not part of LTM Network	2/18/09	C (Grout in Place)	24
Apron 2	AP2MW-LP2E	Decommissioned	Well no longer needed. Not part of LTM Network	2/18/09	C (Grout in Place)	26

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Apron 2	AP2MW-LP2S	Decommissioned	Well no longer needed. Not part of LTM Network	2/18/09	C (Grout in Place)	25
Apron 2	AP2MW-C2S	Decommissioned	Well no longer needed. Not part of LTM Network	4/22/09	A (Pull and grout)	21
Building 101	101MW-4	Decommissioned	Well no longer needed. Not part of LTM Network	3/2/09	A (Pull and grout)	20
Building 110	110MW-9	Decommissioned	Site is closed.	4/22/09	A (Pull and grout)	19
Building 110	110TW-1	Decommissioned	Site is closed.	4/29/09	A (Pull and grout)	19
Building 110	110MW-2	Decommissioned	Site is closed.	3/30/09	A (Pull and grout)	19
Building 110	110MW-5	Decommissioned	Site is closed.	3/30/09	A (Pull and grout)	20

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Building 110	110MW-3	Decommissioned	Site is closed.	4/22/09	A (Pull and grout)	20
Building 110	110 MW -4	Decommissioned	Site is closed.	3/30/09	A (Pull and grout)	19
Building 133	133MW-4	Decommissioned	Spill closure has been requested.	3/19/09	A (Pull and grout)	19
Building 133	133MW-1	Decommissioned	Spill closure has been requested.	3/4/09	A (Pull and grout)	19
Building 133	133MW-2	Decommissioned	Spill closure has been requested.	3/18/09	A (Pull and grout)	19
Building 133	133MW-3R	Decommissioned	Spill closure has been requested.	3/4/09	A (Pull and grout)	16
Building 15	B15MW-4	Decommissioned	Well no longer needed. Not part of LTM Network	3/25/09	A (Pull and grout)	12

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Building 15	B15MW-2	Decommissioned	Well no longer needed. Not part of LTM Network	3/25/09	A (Pull and grout)	13
Building 15	B15MW-3	Decommissioned	Well no longer needed. Not part of LTM Network	3/25/09	A (Pull and grout)	13
Building 20	B20MW-3	Decommissioned	No Further Sampling at site, November 2004	4/29/09	A (Pull and grout)	17
Building 20	B20MW-2	Decommissioned	No Further Sampling at site, November 2004	4/29/09	A (Pull and grout)	17
Building 20	B20MW-1	Decommissioned	No Further Sampling at site, November 2004	4/29/09	A (Pull and grout)	16
Building 301	301MW-4	Decommissioned	No Further Sampling at site, November 2004	4/29/09	A (Pull and grout)	25
Building 43	B43MW-6	Decommissioned	Well no longer needed. Site Closed	2/24/09	A (Pull and grout)	21

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Building 43	B43MW-7	Decommissioned	Well no longer needed. Spill closure has been requested.	2/25/09	A (Pull and grout)	21
Building 43	B43MW-8	Decommissioned	Well no longer needed. Spill closure has been requested.	3/18/09	A (Pull and grout)	22
Building 43	B43MW-4	Decommissioned	Well no longer needed. Spill closure has been requested.	2/24/09	C (Grout in Place)	21
Building 43	B43MW-1R	Decommissioned	Well no longer needed. Spill closure has been requested.	2/24/09	A (Pull and grout)	19
Building 43	B43MW-3	Decommissioned	Well no longer needed. Spill closure has been requested.	2/24/09	A (Pull and grout)	19
Building 43	B43MW-5	Decommissioned	Well no longer needed. Spill closure has been requested.	2/24/09	A (Pull and grout)	21
Building 510	510MW-2	Decommissioned	No further study	6/2008	A (Pull and grout)	12

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Building 510	WL-03-510	Decommissioned	No Further Study	3/19/09	A (Pull and grout)	11
Building 510	WL-02-510	Decommissioned	No Further Study	3/19/09	A (Pull and grout)	8
Building 510	WL-01-510	Decommissioned	No further Study	3/19/09	A (Pull and grout)	8
Building 510	510MW-1	Decommissioned	No further study	6/2008	A (Pull and grout)	15
Building 510	WL-05-510	Decommissioned	No Further Study	6/2008	A (Pull and grout)	12
Building 771	771MW-5B	Decommissioned	Previously thought to be destroyed	4/22/09	A (Pull and grout)	28
Building 775	775MW-3	Decommissioned	Well no longer needed. Not part of LTM Networ	2/19/09 k	C (Grout in Place)	64

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Building 782	782-MW181	Decommissioned	Well no longer needed. Not part of LTM Network	2/11/09	C (Grout in Place)	92
Building 782	782MW-7	Decommissioned	Well no longer needed. Not part of LTM Network	2/17/09	A (Pull and grout)	28
Building 782	782MW-8	Decommissioned	Well no longer needed. Not part of LTM Network	3/18/09	A (Pull and grout)	26
Building 782	782MW-6R1	Decommissioned	Perched conditions reported. Well replaced by 782MW-6R2.	2/17/09	A (Pull and grout)	27
Building 786	786MW-17	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5		23
Building 786	786MW-25	Decommissioned	Well no longer needed. Not part of LTM Network	3/18/09	A (Pull and grout)	22
Building 786	786MW-5	Decommissioned	Well no longer needed. Not part of LTM Network	3/18/09	A (Pull and grout)	24

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Building 786	786MW-6	Decommissioned	Well no longer needed. Not part of LTM Network	2/11/09	C (Grout in Place)	22
Building 789	789MW-27R	Decommissioned	Located in perched zone. Well is too shallow	2/18/09	A (Pull and grout)	22
Fire Protection Training Area	FPTMW-4	Decommissioned	Spill closure has been requested.	3/20/09	A (Pull and grout)	19
Fire Protection Training Area	FPTAMW-7	Decommissioned	Spill closure has been requested.	3/20/09	A (Pull and grout)	19
Fire Protection Training Area	FPTAMW-6	Decommissioned	Spill closure has been requested.	3/20/09	A (Pull and grout)	19
Fire Protection Training Area	FPTVMW-5	Decommissioned	Spill closure has been requested.	3/20/09	A (Pull and grout)	24
Fire Protection Training Area	FPTMW-3	Decommissioned	Spill closure has been requested.	3/19/09	A (Pull and grout)	21

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Fire Protection Training Area	FPTAMW-9	Decommissioned	Spill closure has been requested.	3/19/09	A (Pull and grout)	20
Fire Protection Training Area	FPTAMW-8	Decommissioned	Spill closure has been requested.	3/19/09	A (Pull and grout)	17
Landfill 1	LF1MW-9	Decommissioned	Well no longer needed. Not part of LTM Network	2/10/09	A (Pull and grout)	16
Landfill 1	LF1MW-8	Previously Destroyed/Decommissioned	Well no longer needed. Not part of LTM Network	Visual Confirmation, Round 5	A (Pull and grout)	13
Landfill 1	LF1MW-7	Decommissioned	Well no longer needed. Not part of LTM Network	2/10/09	A (Pull and grout)	19
Landfill 1	LF1P-4	Previously Destroyed/Decommissioned	Assumed destroyed during LF1 trench system construction	2/10/09		26
Landfill 4	LF4-MW2	Decommissioned	Well no longer needed. Not part of LTM Network	2/19/09	A (Pull and grout)	20

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Landfill 4	LF4-MW1	Decommissioned	Well no longer needed. Not part of LTM Network	2/19/09	A (Pull and grout)	15
Landfill 5	LF5MW-1	Decommissioned	Well no longer needed. Not part of LTM Network	4/22/09	A (Pull and grout)	17
Landfill 7	LF7MW-20	Decommissioned	Well no longer needed. Not part of LTM Network	3/24/09	A (Pull and grout)	12
Landfill 7	LF7MW-21	Decommissioned	Well no longer needed. Not part of LTM Network	3/24/09	A (Pull and grout)	9
Lot 69	L69MW-4	Decommissioned	No Further Sampling at site, November 2004	4/29/09	A (Pull and grout)	18
Lot 69	L69MW-3	Decommissioned	No Further Sampling at site, November 2004	4/29/09	A (Pull and grout)	17
Lot 69	L69MW-1	Decommissioned	No Further Sampling at site, November 2004	4/29/09	A (Pull and grout)	17

Area or Program	Well ID	Well Use Status	Decommisioning Justification	Round 5 Decommissioning (Date)	Method	Total Depth
Lot 69	L69MW2-1	Decommissioned	No Further Sampling at site, November 2004	4/29/09	A (Pull and grout)	17
Six Mile Creek	SMC-USGS-10	Decommissioned	No longer in use.	3/24/09	A (Pull and grout)	3
Six Mile Creek	SMC-USGS-9	Decommissioned	Well no longer needed. Site closed	3/24/09	A (Pull and grout)	2
Six Mile Creek	SMC-USGS-8	Decommissioned	Well no longer needed. Not part of LTM Network	3/24/09	A (Pull and grout)	16
Six Mile Creek	SMC-USGS-2	Decommissioned	No longer in use.	4/22/09	A (Pull and grout)	30
Six Mile Creek	SMC-P3	Decommissioned	Not part of LTM network	2/19/09	A (Pull and grout)	25
Six Mile Creek	SMC-P2	Previously Destroyed/Decommissioned	Not part of LTM network	Visual Confirmation, Round 5		25

Round 5 Wells not Decommissioned

Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
E8MW-5	Apron 1	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 5)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	Not decommissioned in Summer, 2005. Buried under biopile.	27
E8MW-4	Apron 1	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 5)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	Not decommissioned in Summer, 2005. Buried under biopile.	27
E8MW-3	Apron 1	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 5)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	Not decommissioned in Summer, 2005. Buried under biopile.	27
E8MW-1	Apron 1	NYSDEC Spill No. 9304639	Proposed for Decommissioning (Round 5)	Well, flush mount completion, possibly buried under stockpiled soil, 10/22/98.	Not decommissioned in Summer, 2005. Buried under biopile.	25
НР7А	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer not found.	Well no longer needed. Not part of LTM Network. Buried under biopile.	19
HF7MW1	Apron 1	To characterize nature and extent of groundwater contamination, and remove floating product.	Proposed for Decommissioning (Round 5)	Well, flush mount completion.	Well no longer needed. Not part of LTM Network. Buried under biopile.	29
HE8C	Apron 1	To obtain groundwater elevations, samples, note floating product, and locate monitoring wells.	Proposed for Decommissioning (Round 5)	Piezometer (no record of piezometer during well inspection field activities).	Well no longer needed. Not part of LTM Network. Buried under biopile.	22

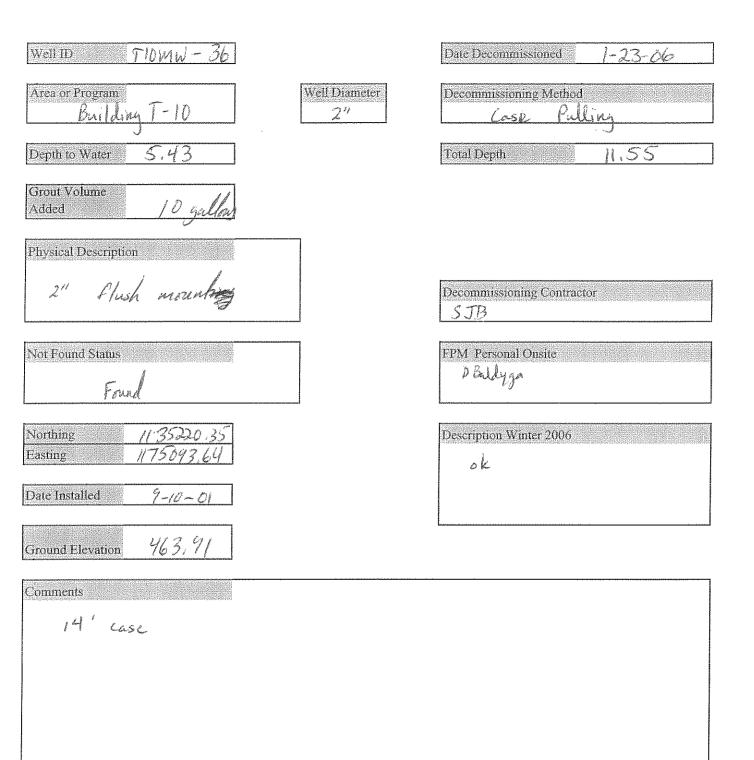
Round 5 Wells not Decommissioned

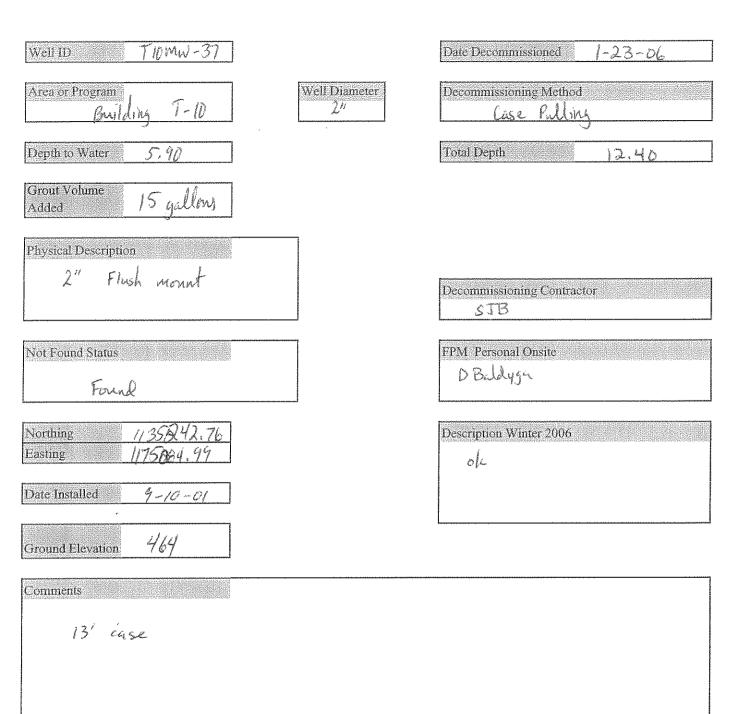
Well ID	Area or Program	Well Purpose	Well Use Status	Physical Description	Decommisioning Justification	Total Depth (ft)
AP2MW-C2N	Apron 2	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Flush mount completion.	Well no longer needed. Not part of LTM Network. Buried under biopile.	27
AP2MW-C2E	Apron 2	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Flush mount completion.	Well no longer needed. Not part of LTM Network. Buried under biopile.	26
AP2MW-B7S	Apron 2	Petroleum Spill Site	Proposed for Decommissioning (Round 5)	2" PVC Monitoring well. Flush mount completion.	Well no longer needed. Not part of LTM Network. Buried under biopile.	24

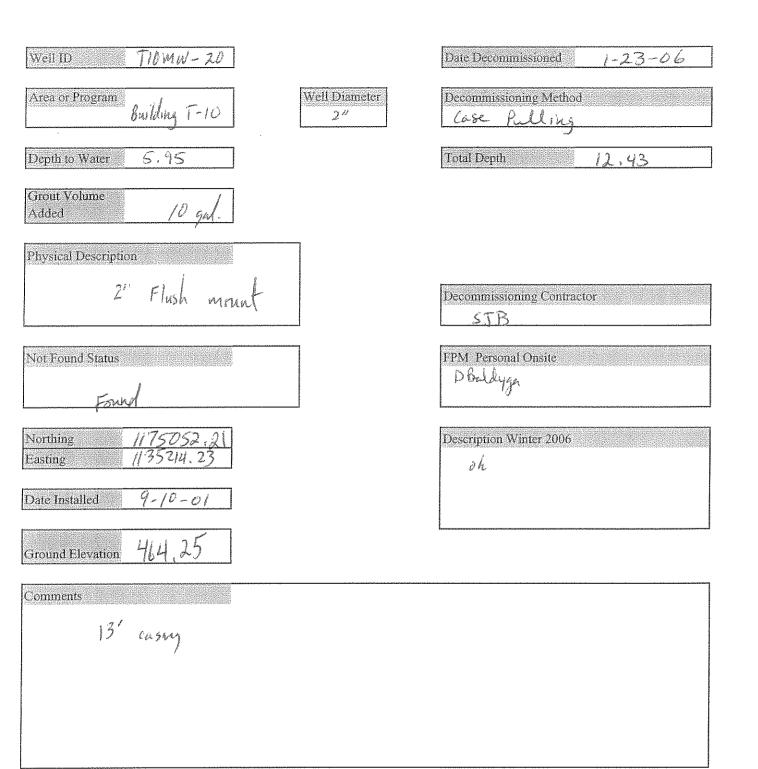
Grand Total (ft)

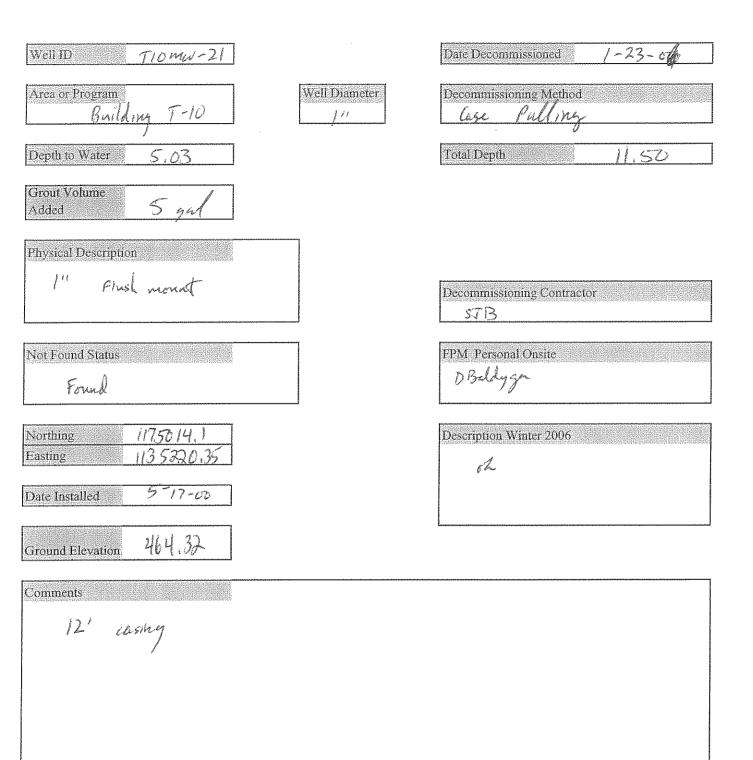
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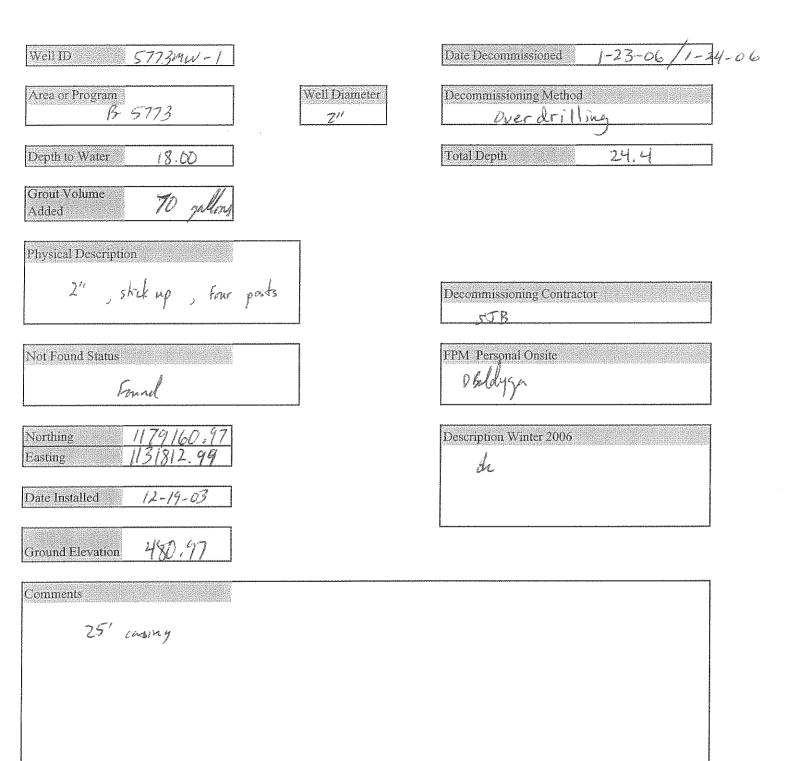
Appendix C Daily Decommissioning Field Sheets

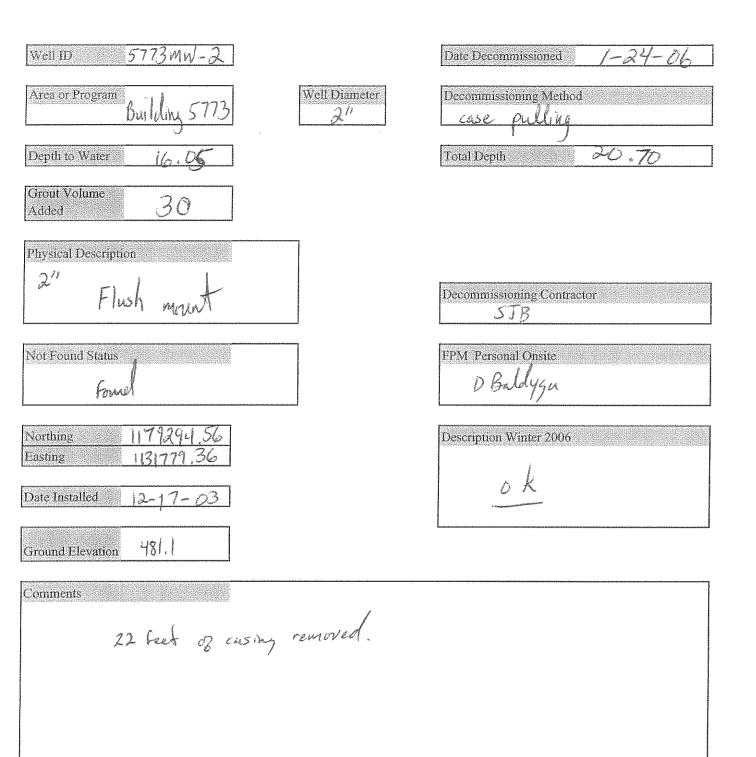


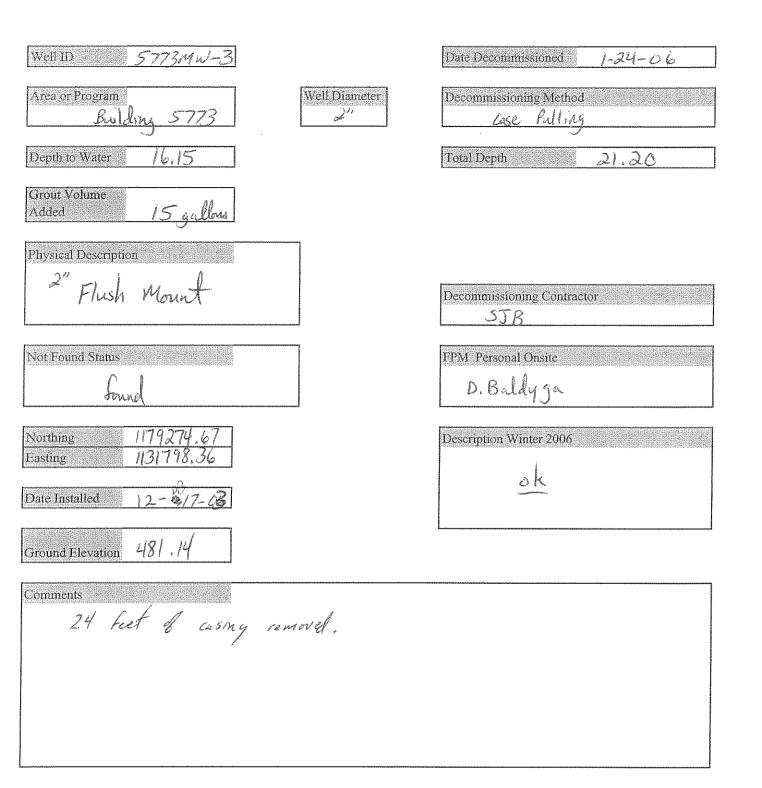


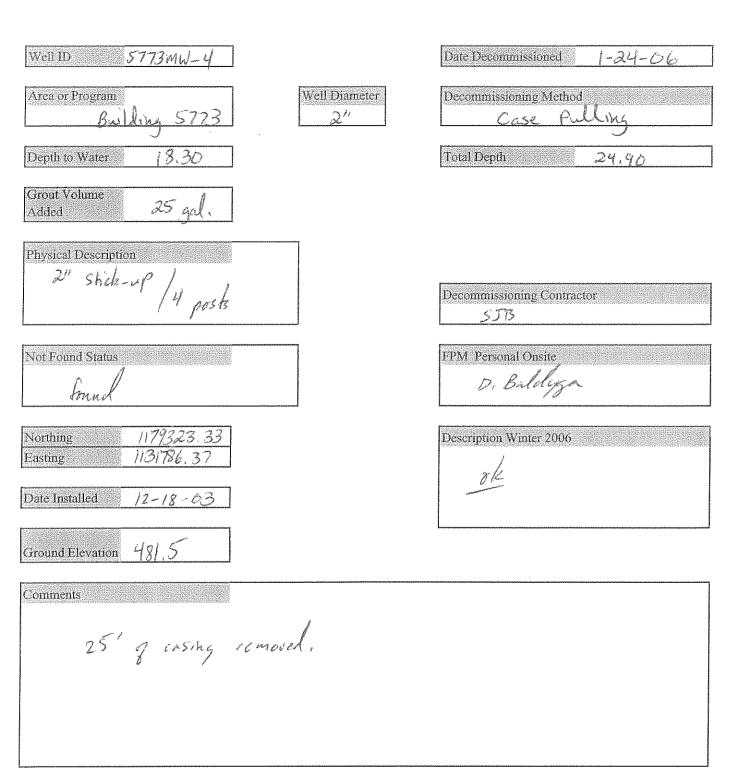


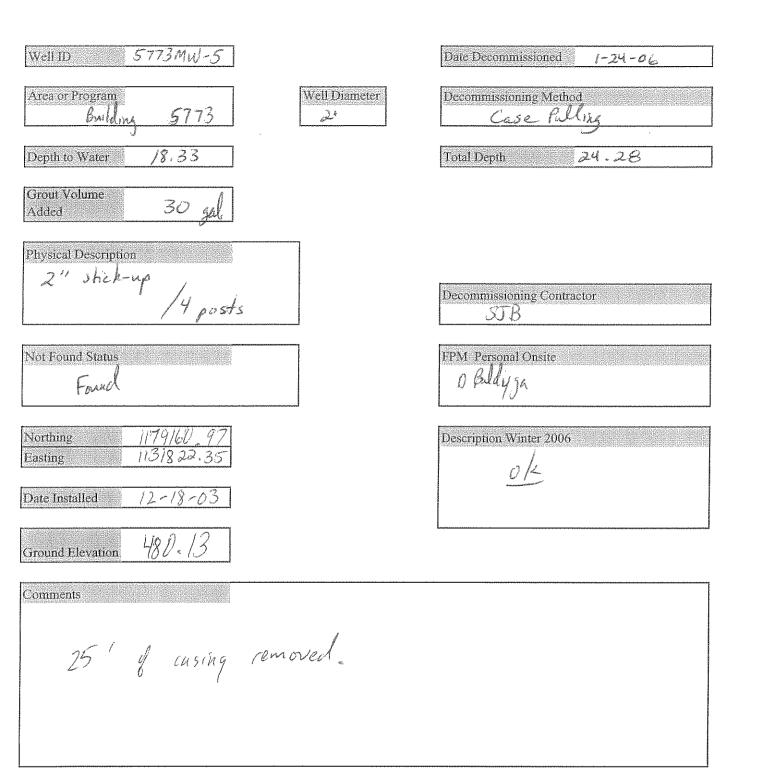


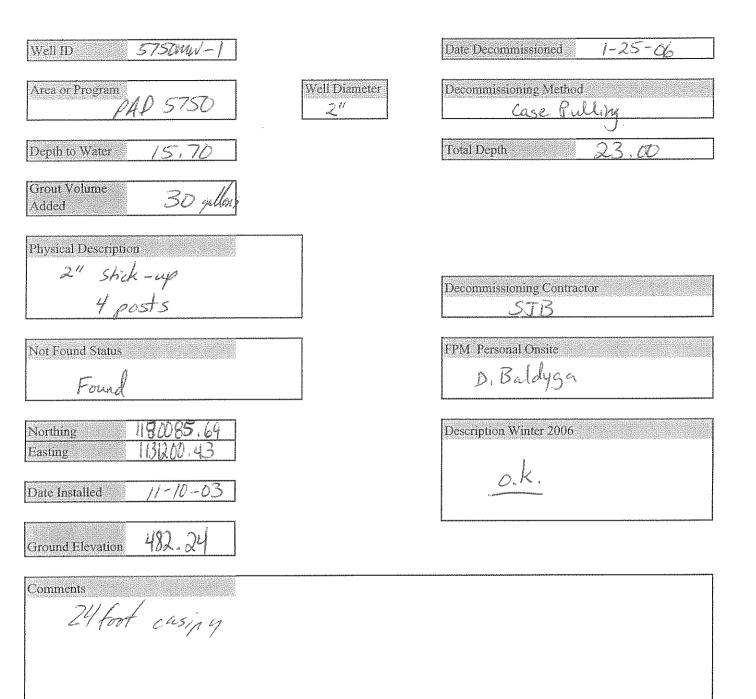


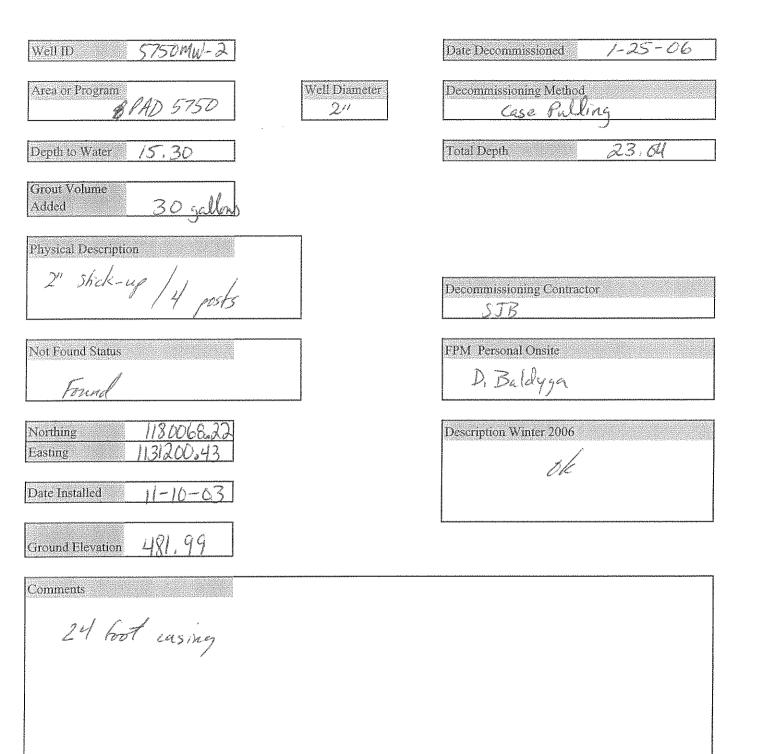


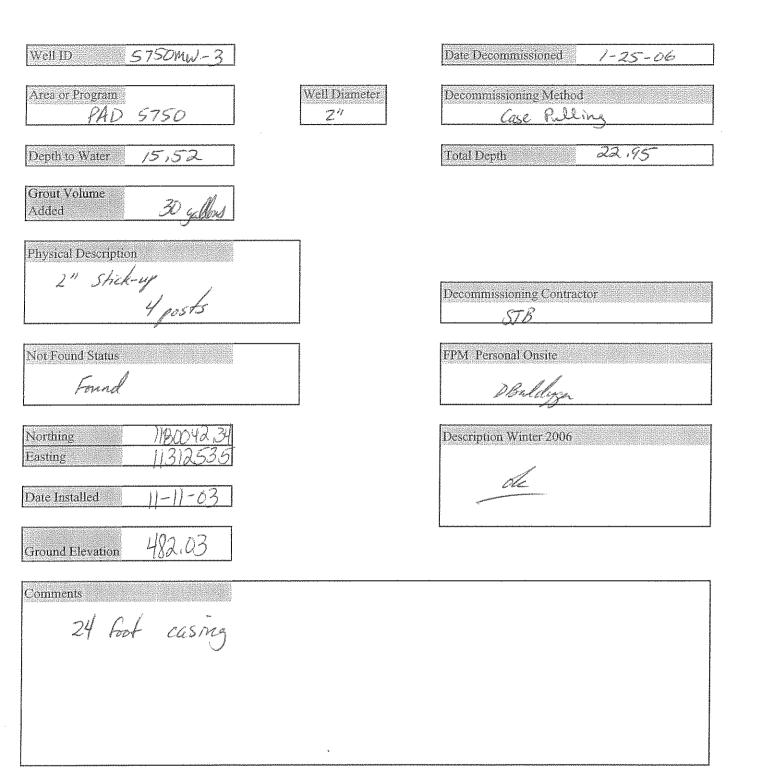


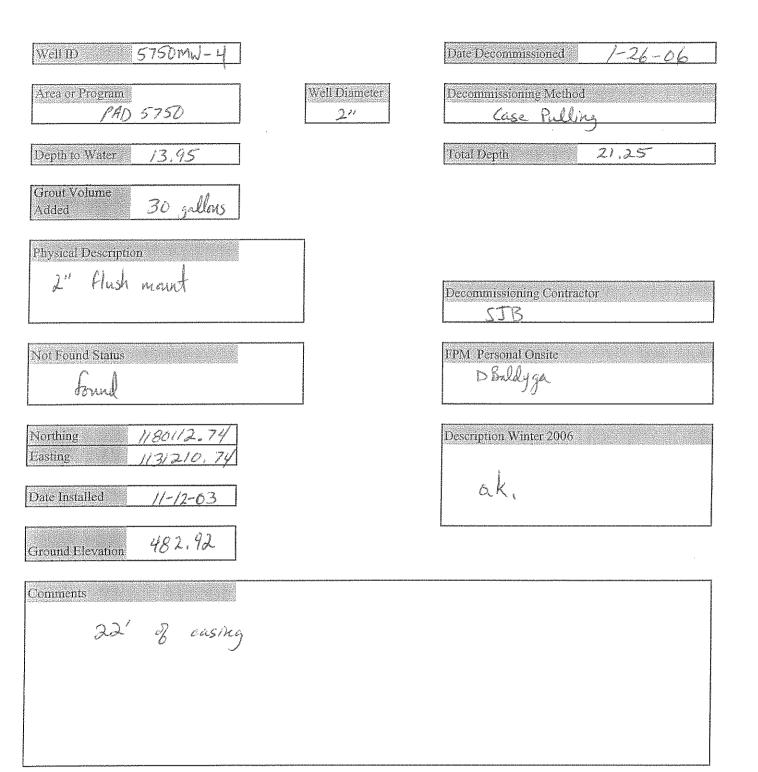


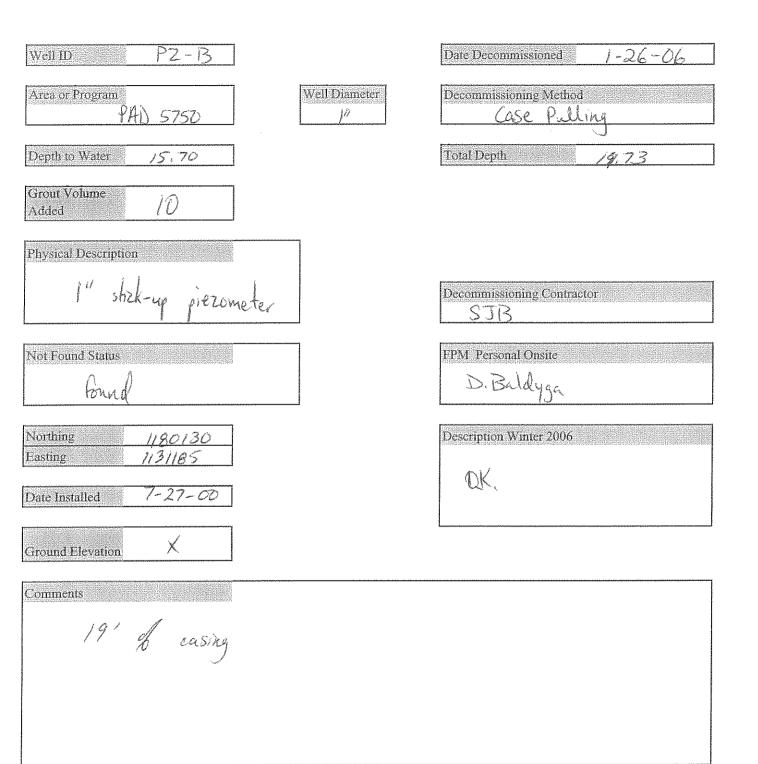


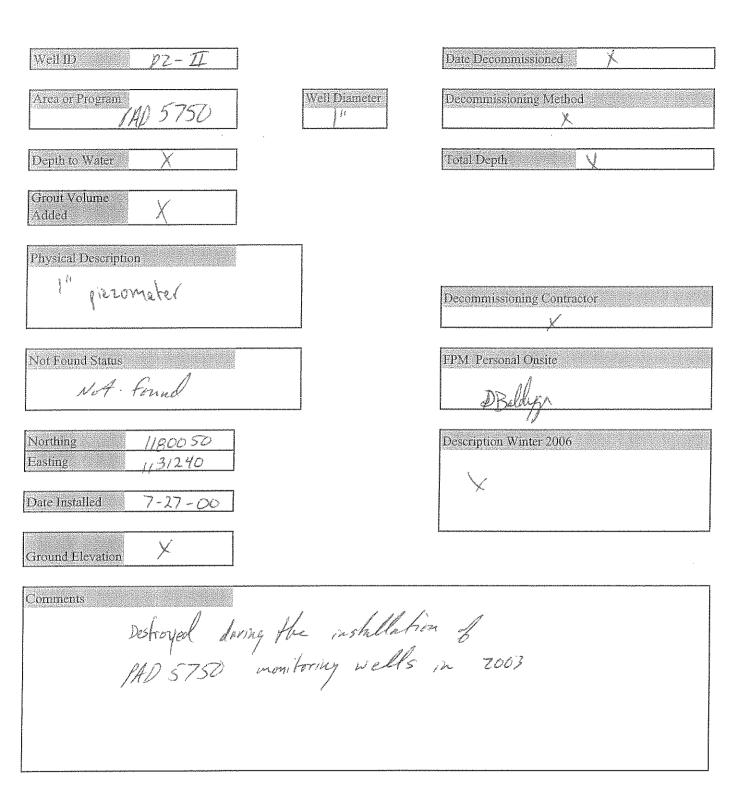


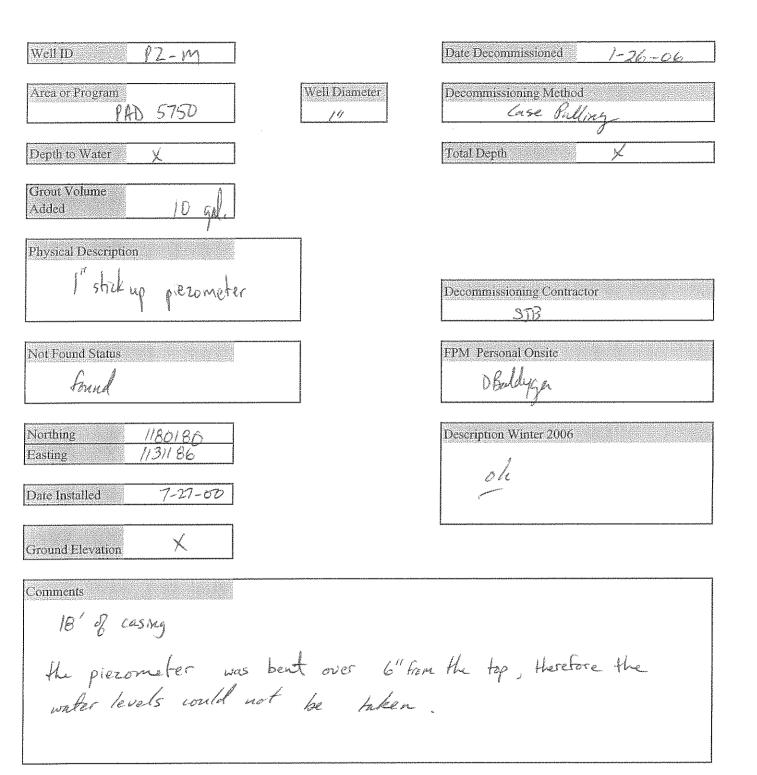


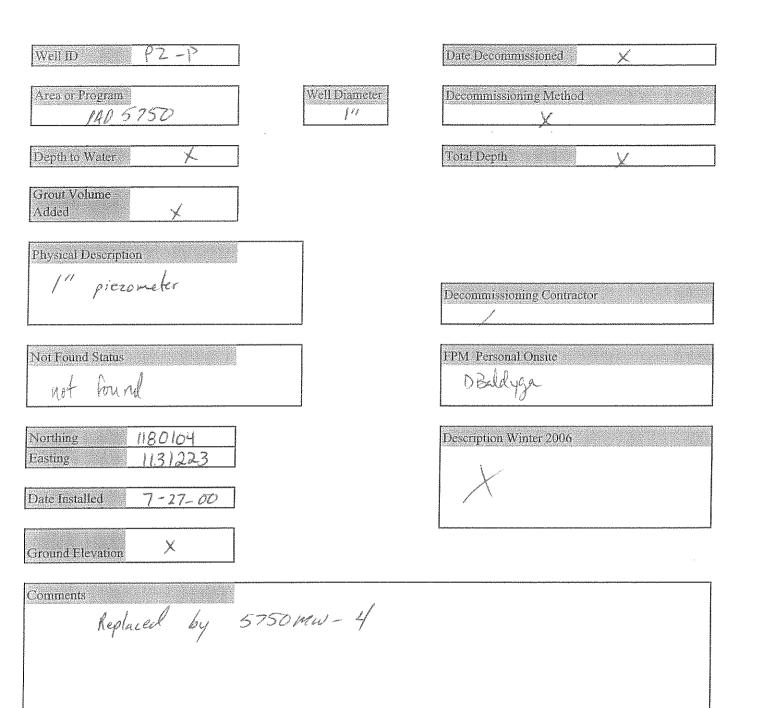


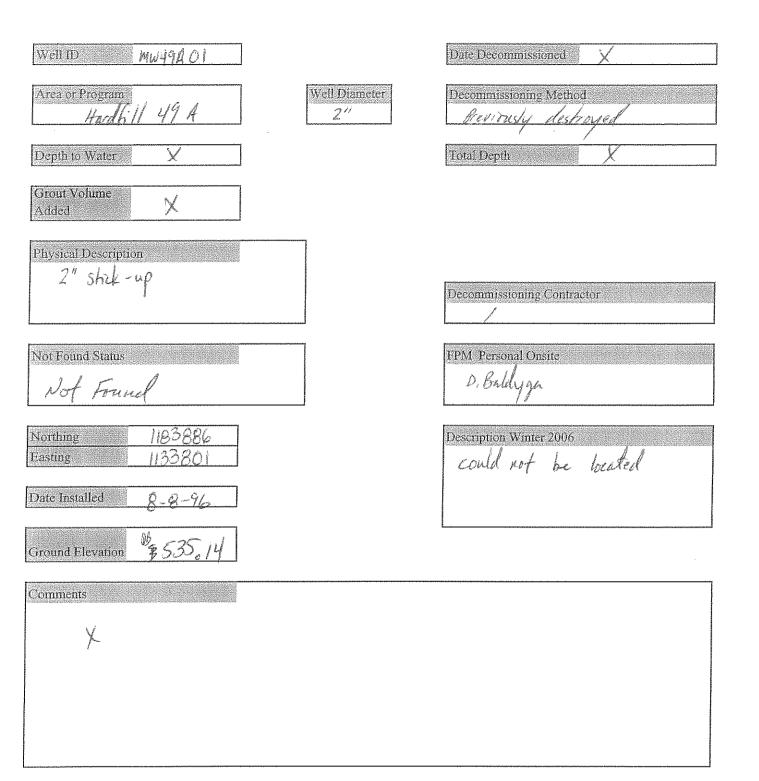


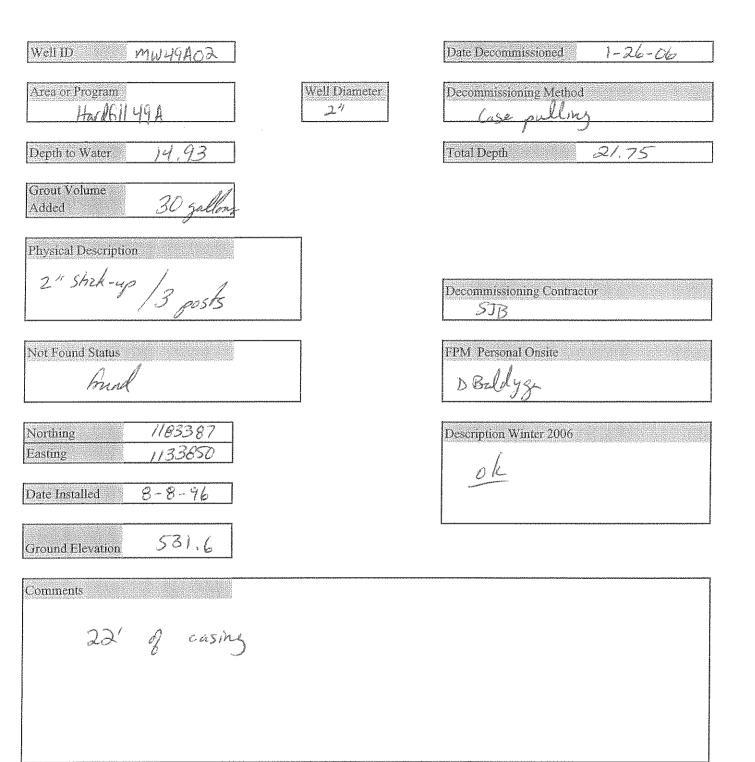


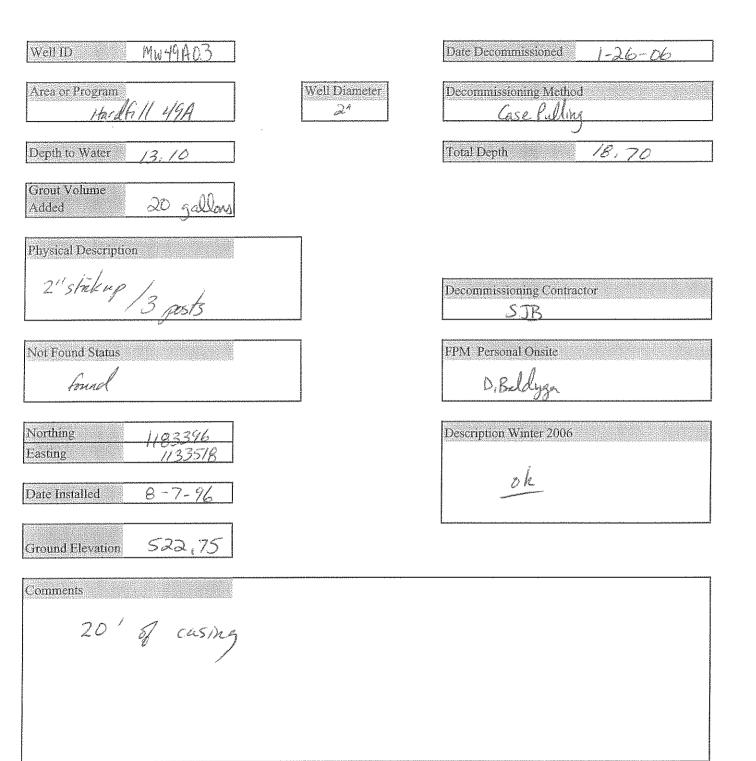


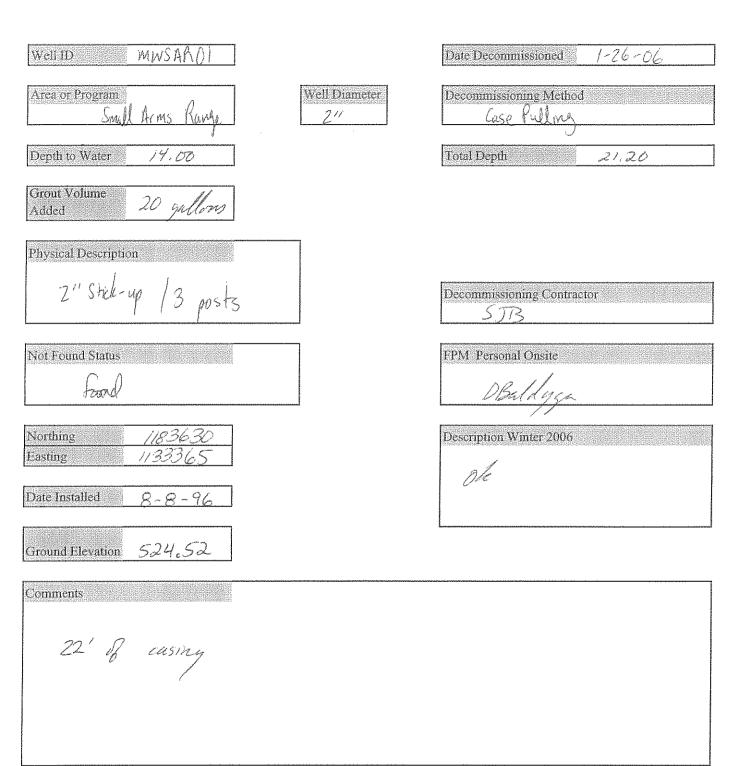


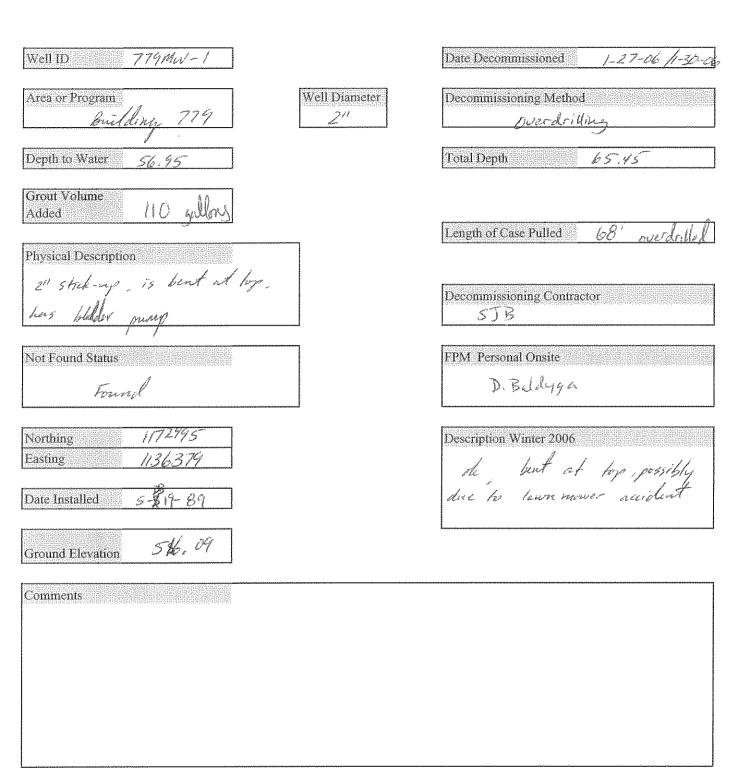


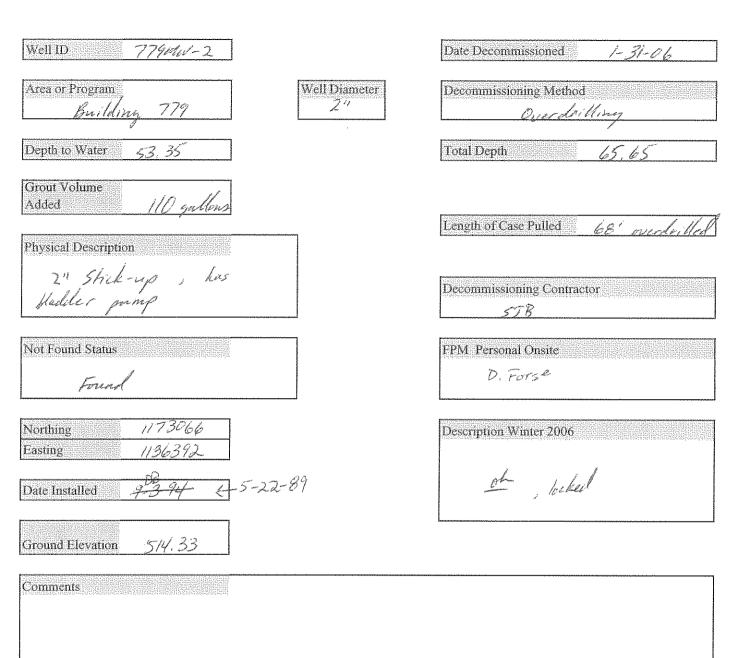


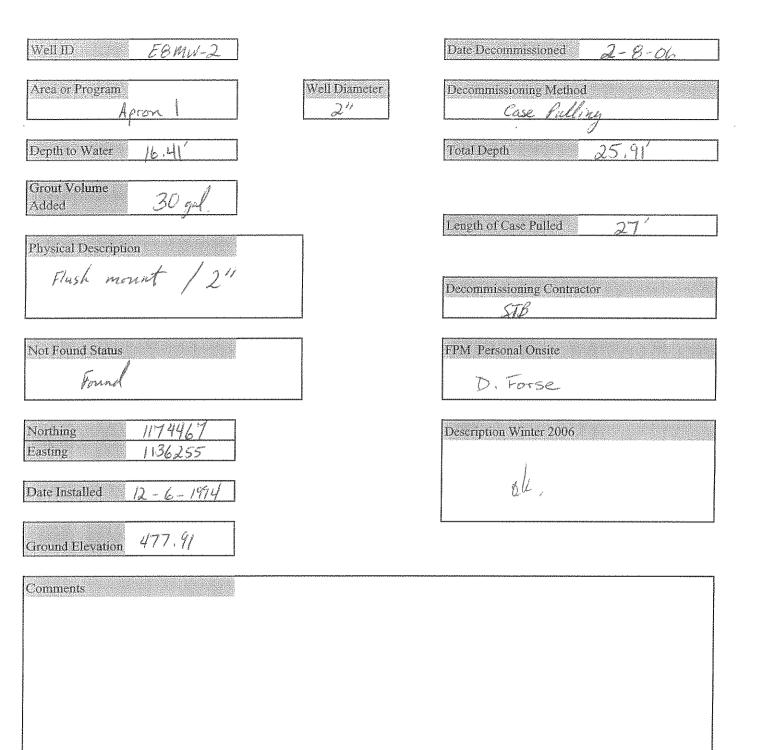


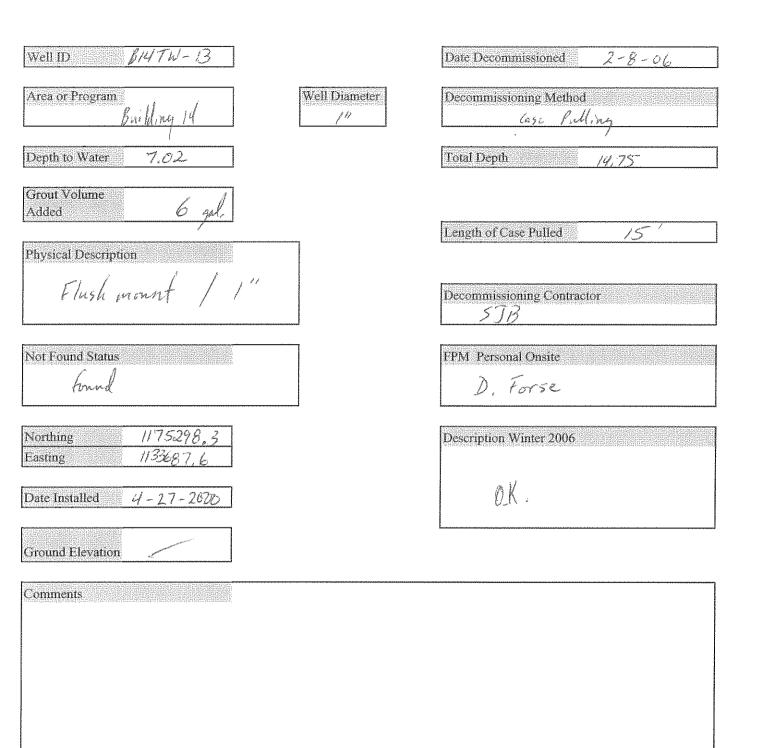


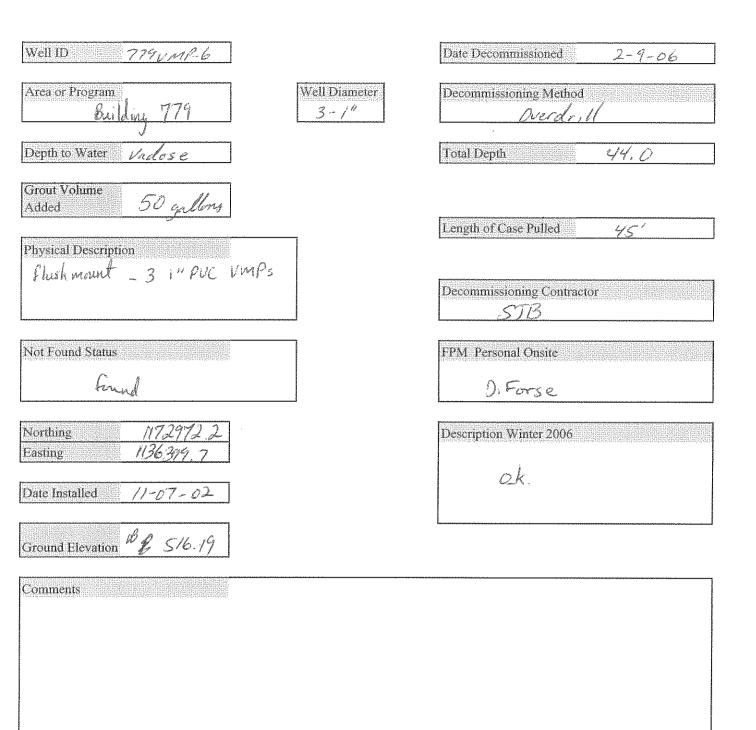


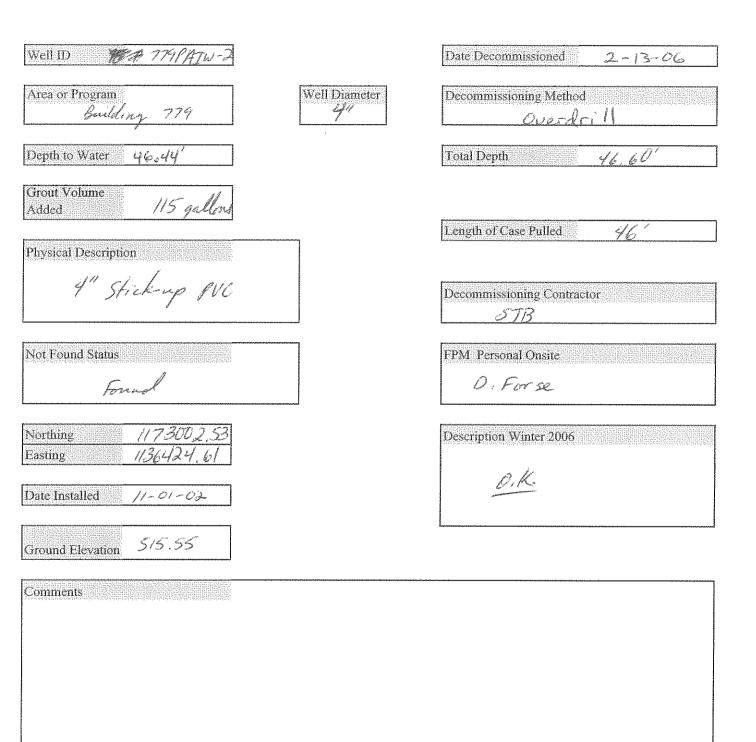


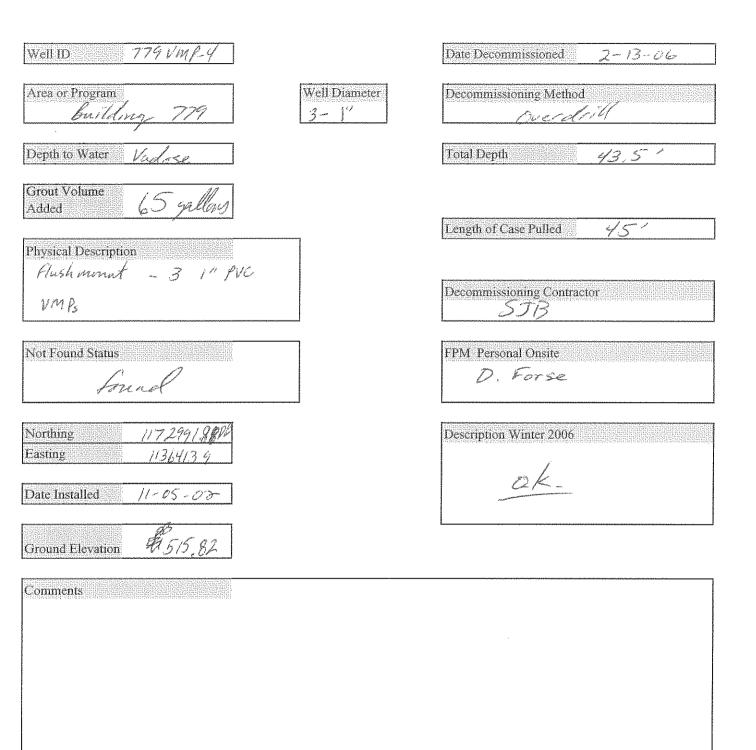


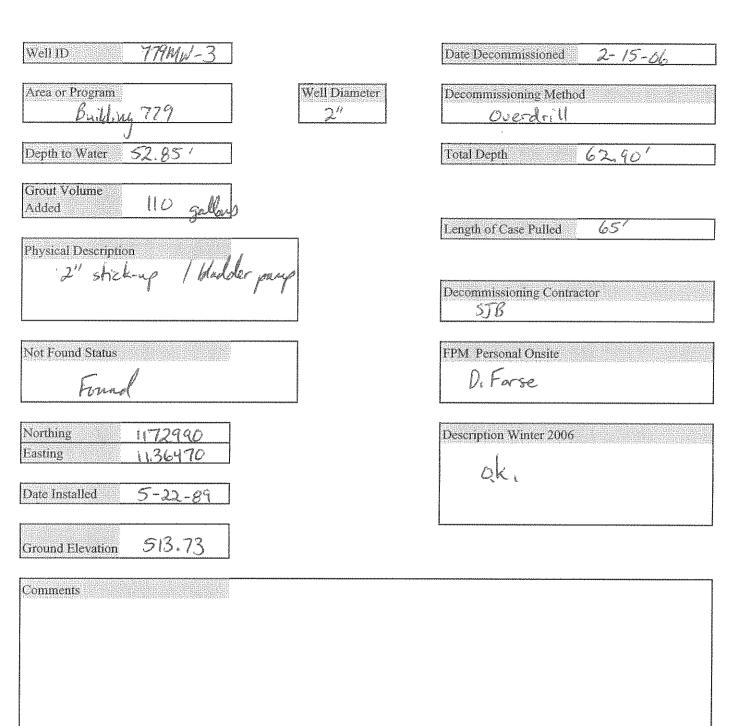


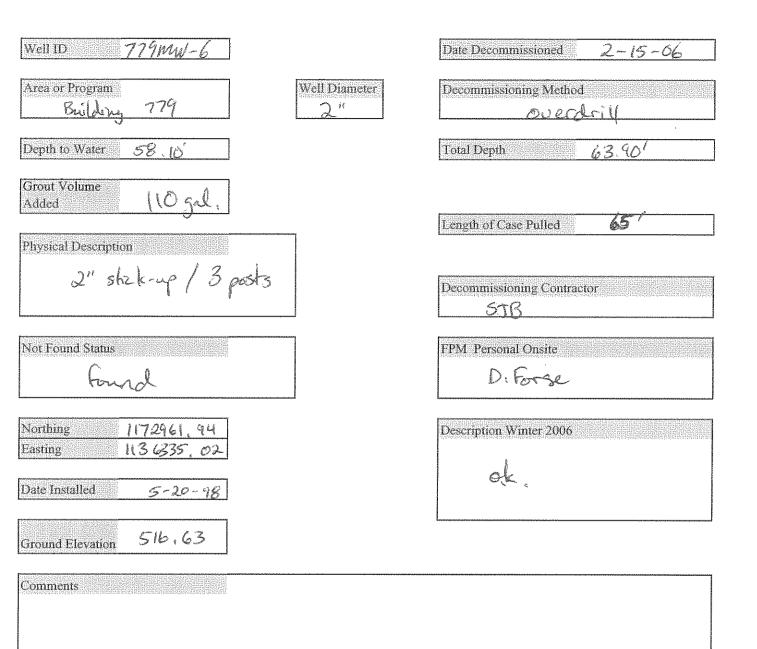


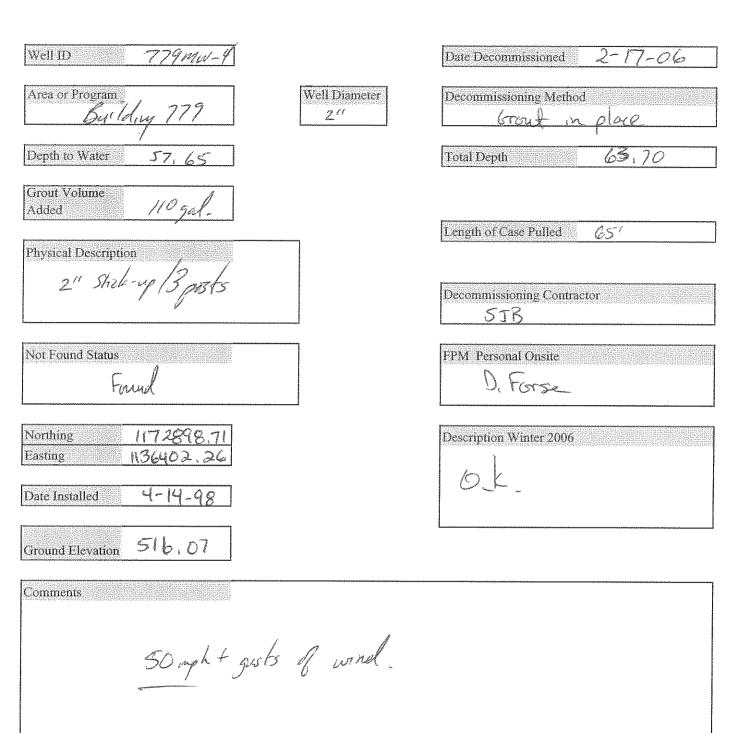




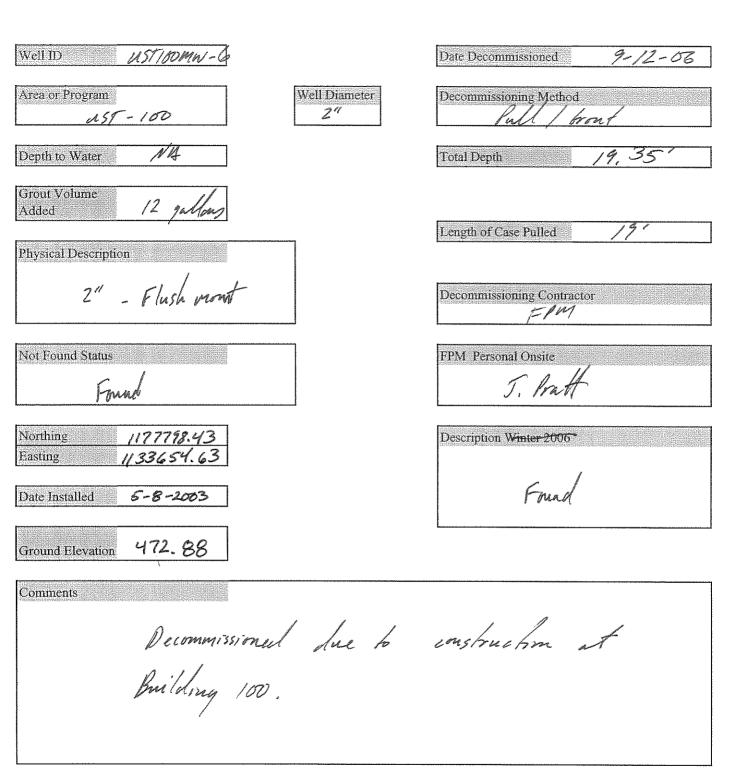


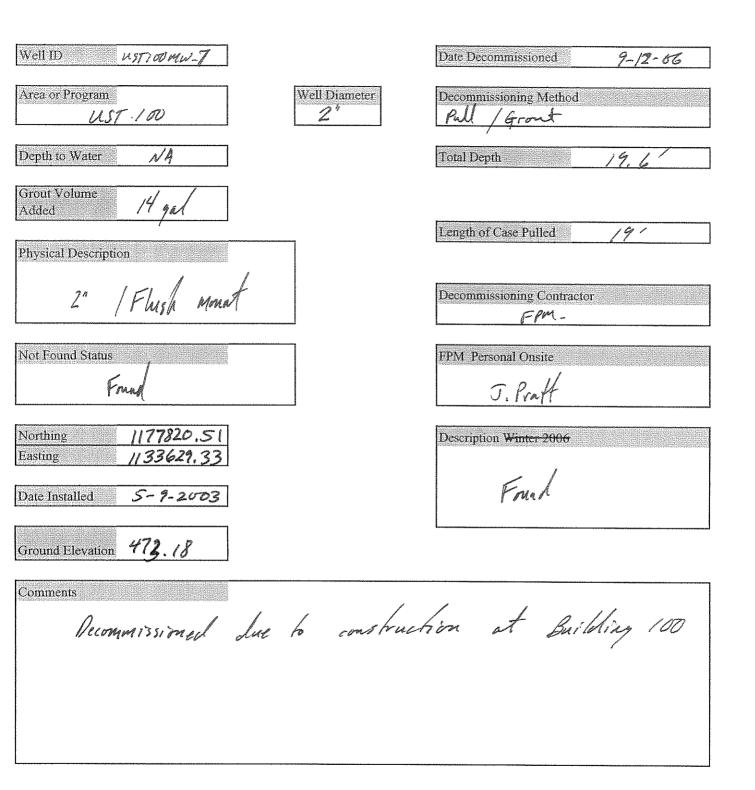


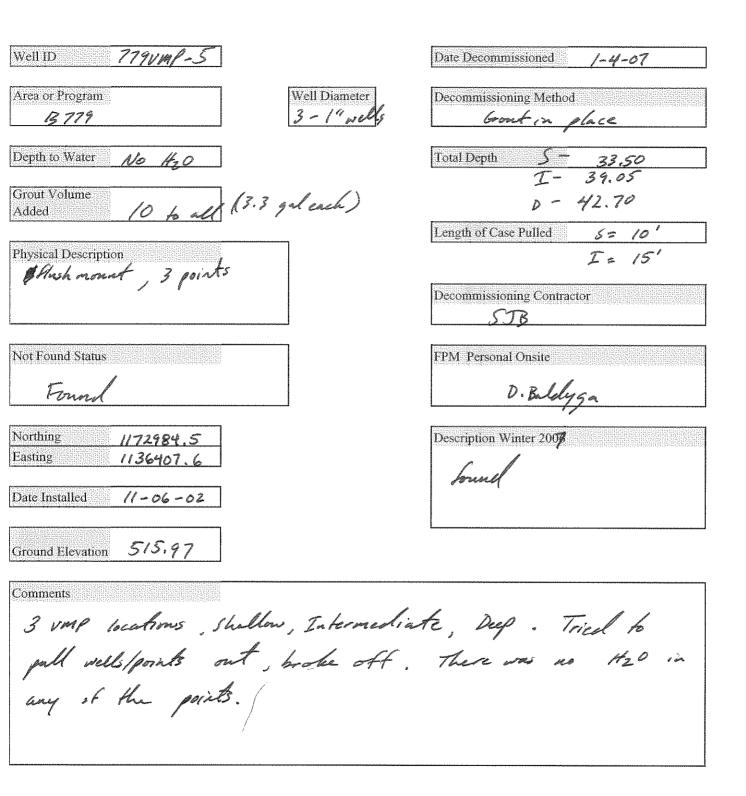


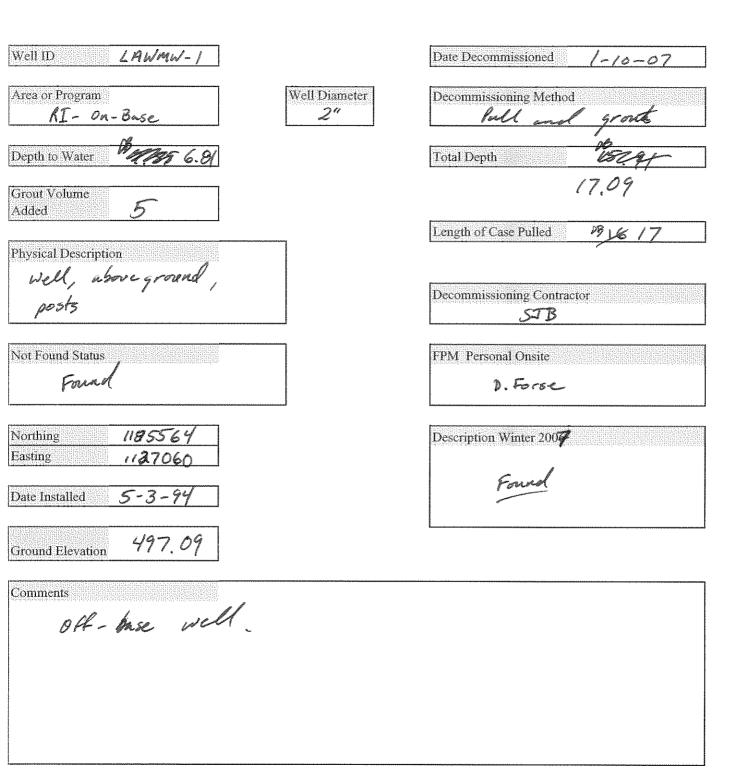


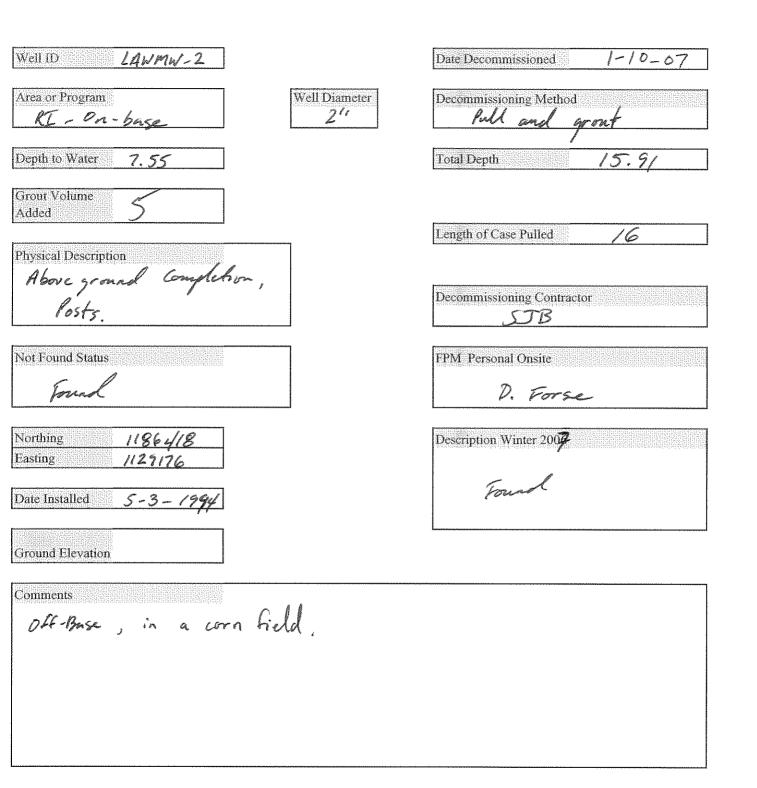
BIODMW-1 9-12-06 Well ID Date Decommissioned Area or Program Well Diameter Decommissioning Method Place UB / Pull 4" UST 100 Growt in NK 26.51 Depth to Water Total Depth Grout Volume 15 gallous Added 72-74 Length of Case Pulled 26 Physical Description Mush mount Decommissioning Contractor COM Not Found Status FPM Personal Onsite J. Prati Found 1177800 Northing Description Winter 2006. 1133634 Easting Found 2-7-1990 Date Installed 472.72 Ground Elevation Comments Premmissimed due to construction at building 100.

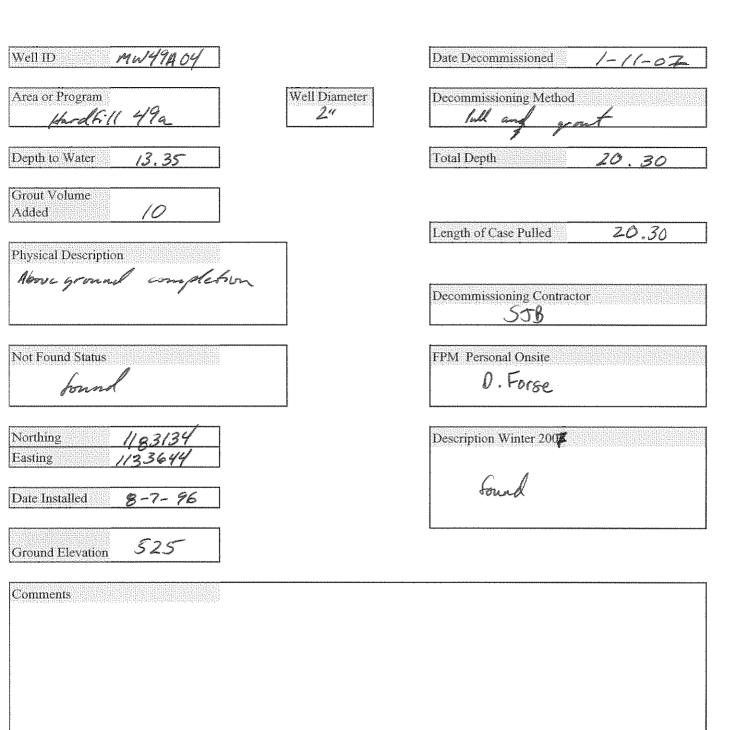


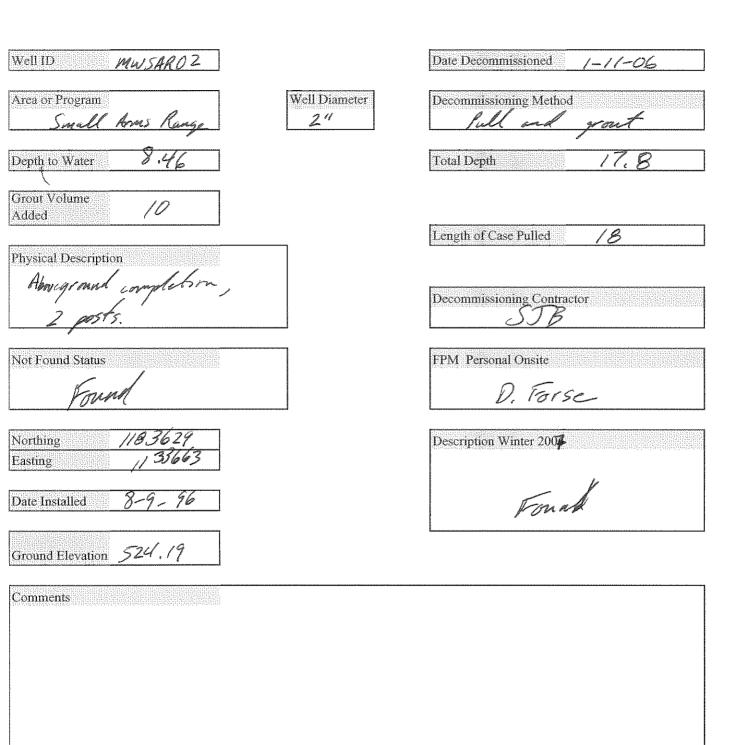






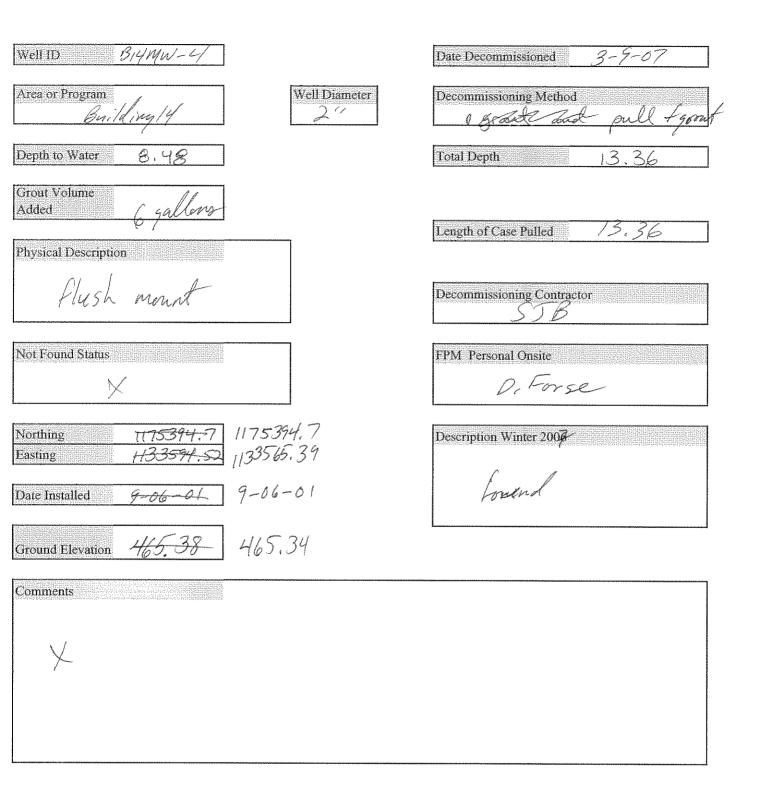


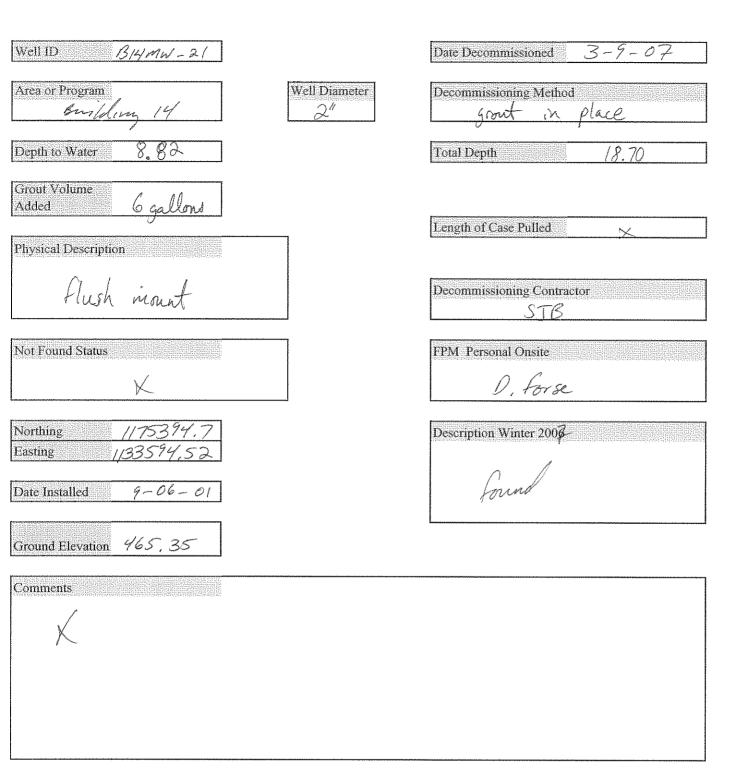


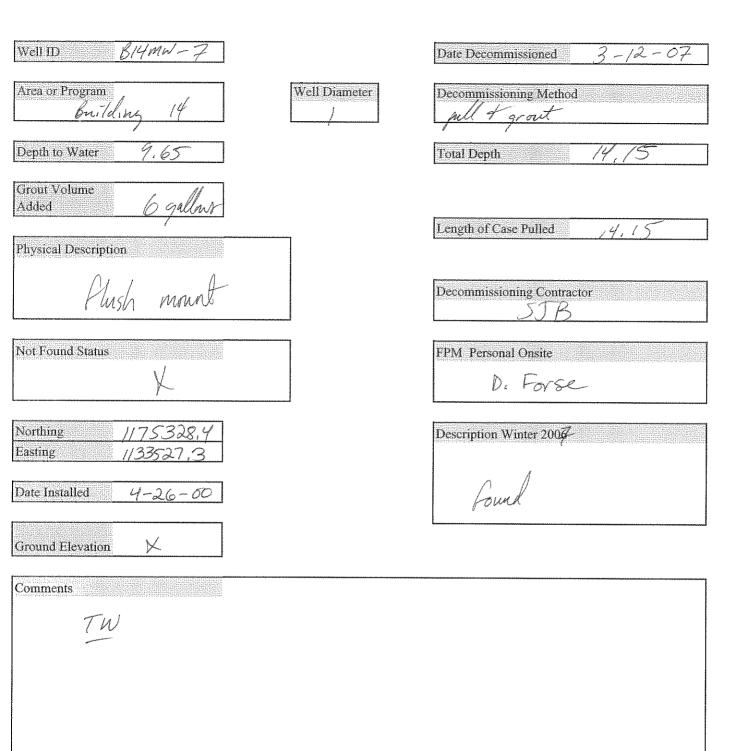


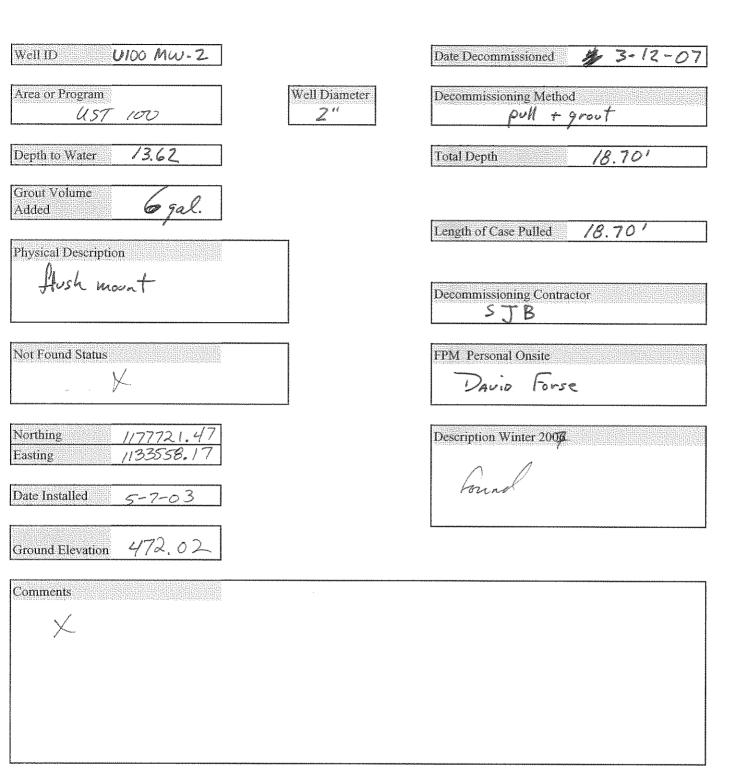
Activities
Field
Decommissioning
Well

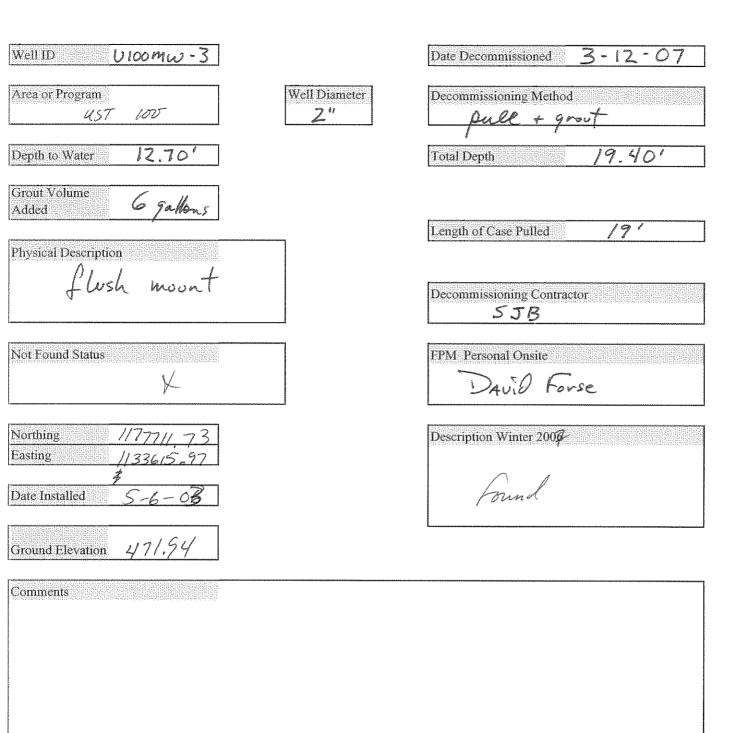
Grout Added (gal.)	8 8 8	s Š	3.33	10	2	6	ŝ	6			
Method of Decommissioning Physical Description (completion type)	Flush we puret ~ 14	5 1 mm } { 12	8 8	to the	2" above growerd	2ª aboveground	2" aboves round	2" above general			
Method of Decommissioning	boart in Mace		J	PULL front		Pull + brout	led t Grant	full to brow t			
Total Depth	42.70	39.05	88. S	17.09	na na se an	15.91	20.30	17.8			
Depth to Water	×	×	X	6.81	n promoti na se	7.55	13.35	8.46			
Well ID	1-4-07 TJ9PUMP-50	T ii o	S 11	blammu - 1		CAN MAN - 2	Maryght Oct	MWSAR02			
Date	1-4-07	1- 2607	1-4-07	1-10-07	Construction of the second	20-01-1	1-11-07	1-11-07			



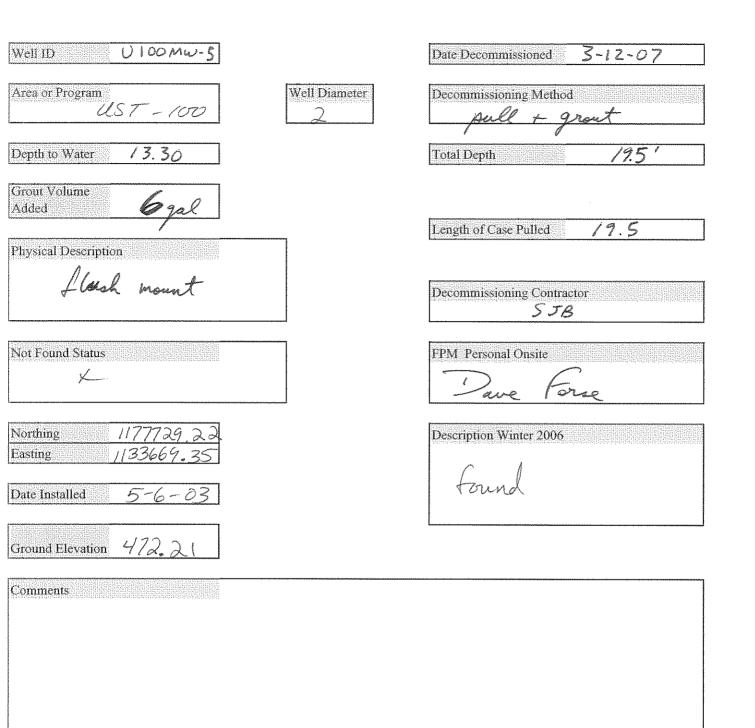


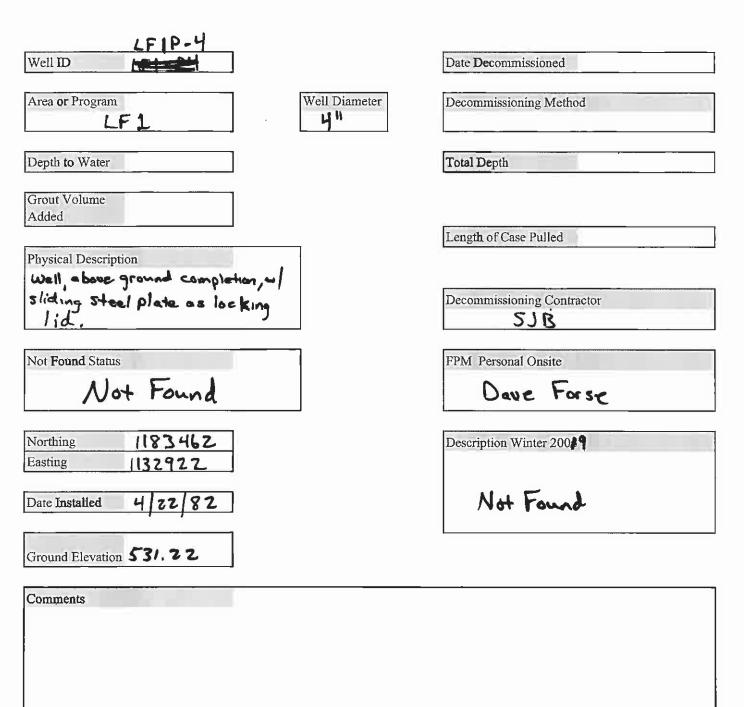




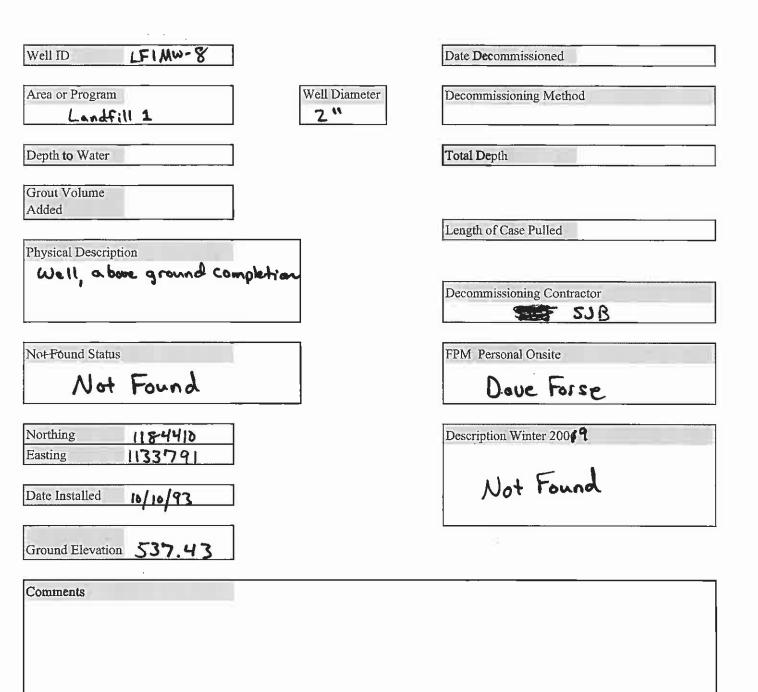


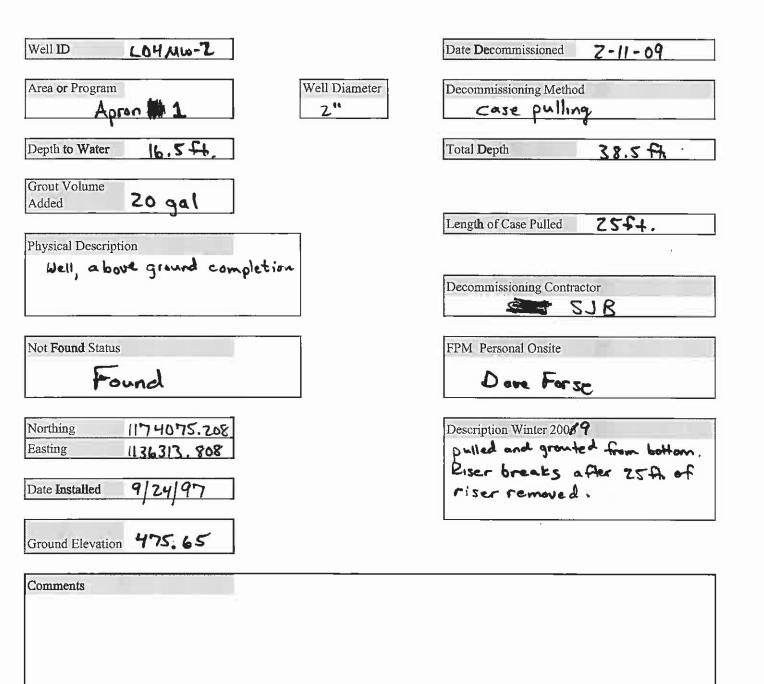
WellID Uloomw-4 Date Decommissioned 3-12-07 Area or Program Well Diameter Decommissioning Method UST - 100 pull + grout. 12.80 1799' Depth to Water Total Depth Grout Volume 5gal Added 14.91 Length of Case Pulled Physical Description mount Decommissioning Contractor SJB Not Found Status FPM Personal Onsite Dand Forse 1177699.66 Northing Description Winter 2006 11:33649.81 Easting found 5-6-03 Date Installed 471.95 Ground Elevation Comments Box 4' of screen broke off at top of boring surface. Bottom of screen was punched out and used as a Tremie to grout boring full.

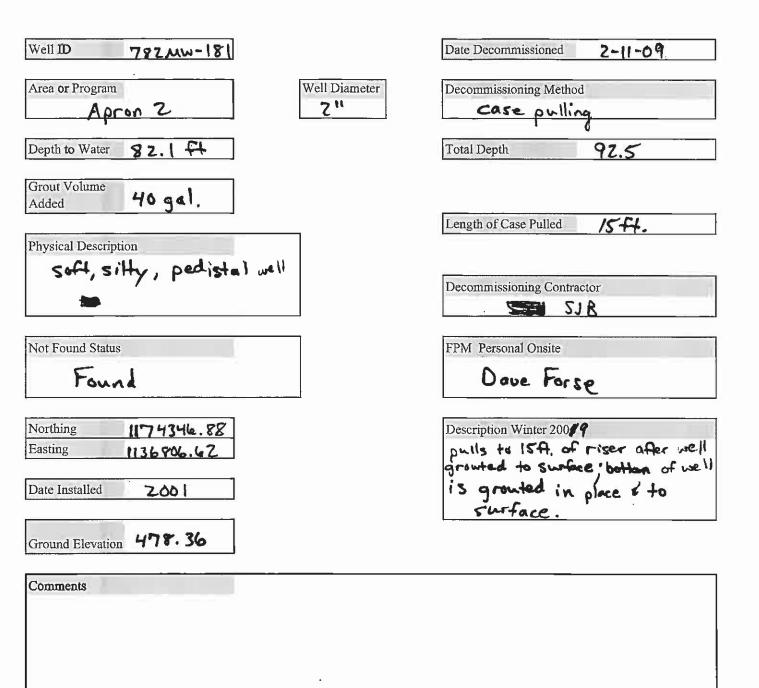


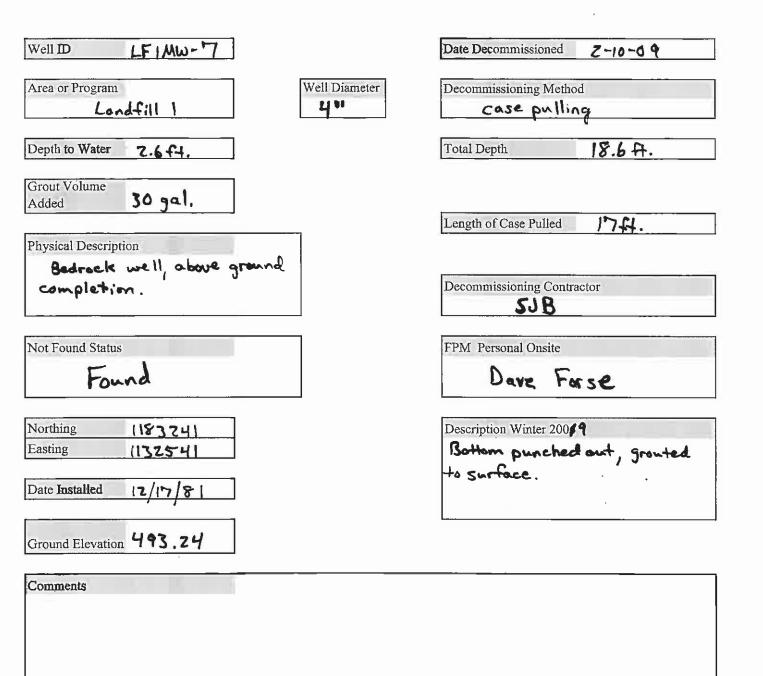


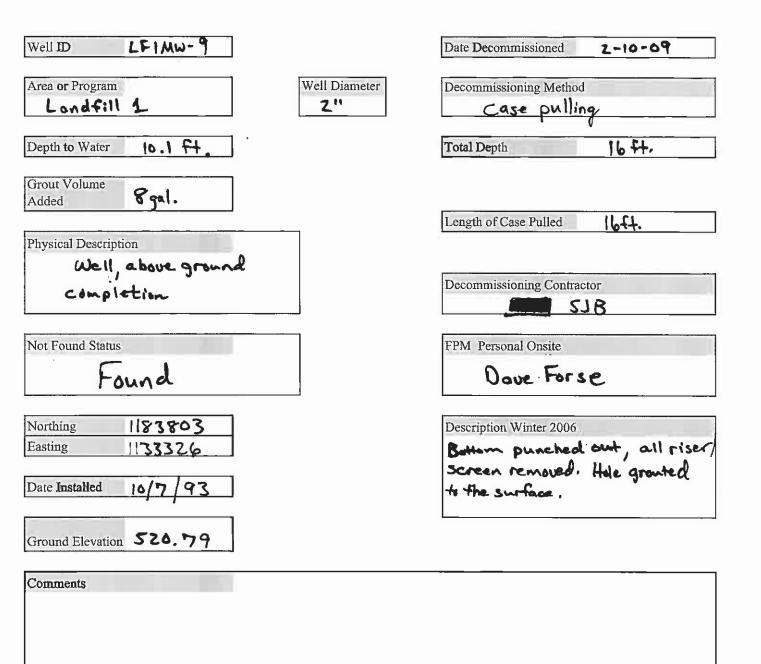
. Believed to be destroyed during trench system construction

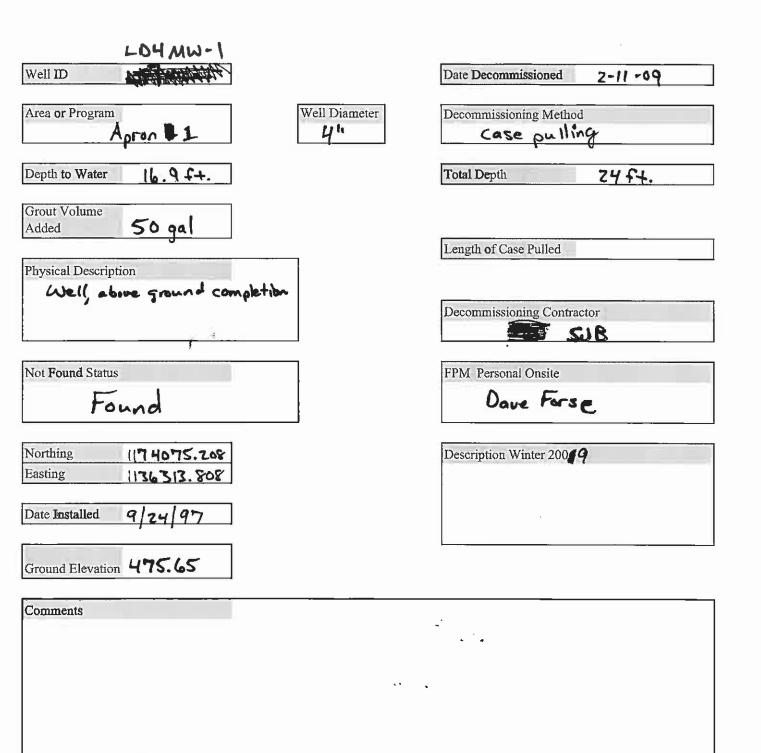


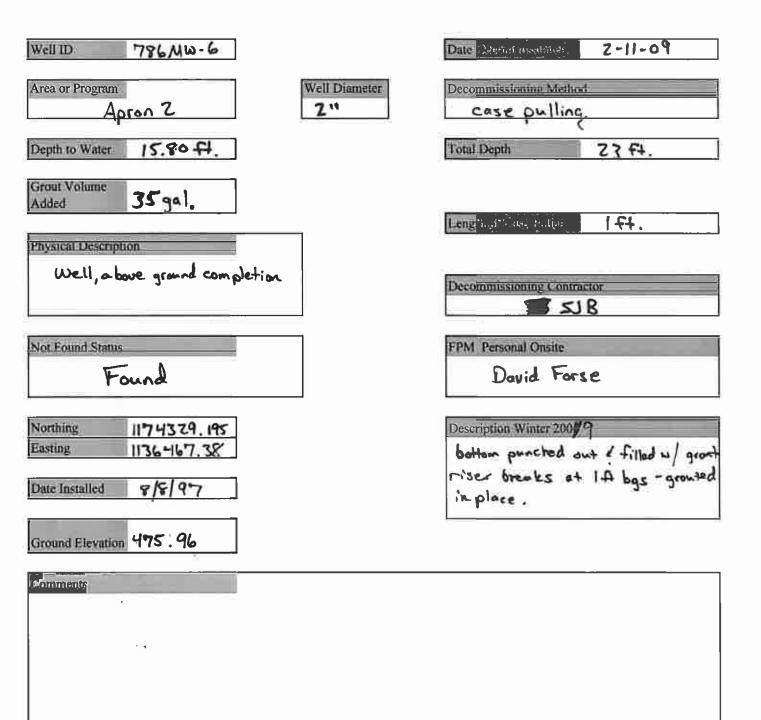


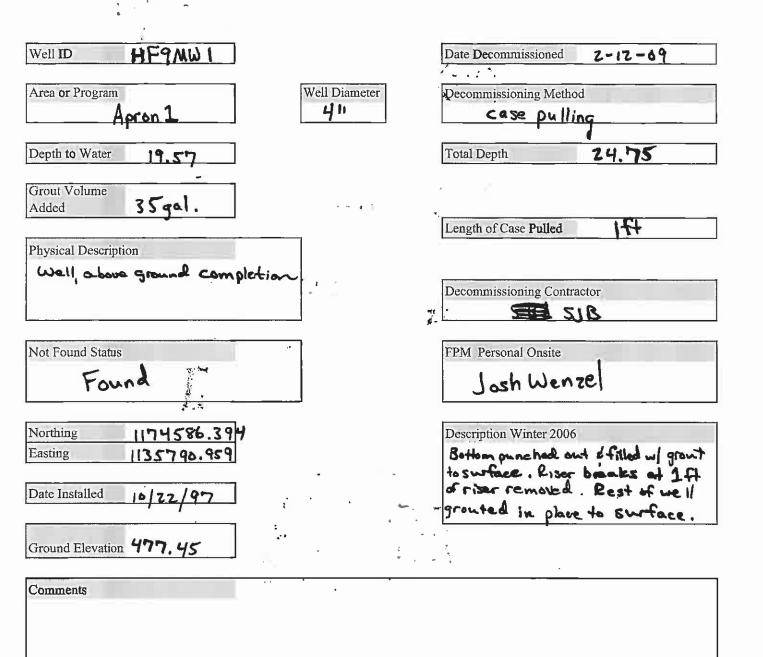


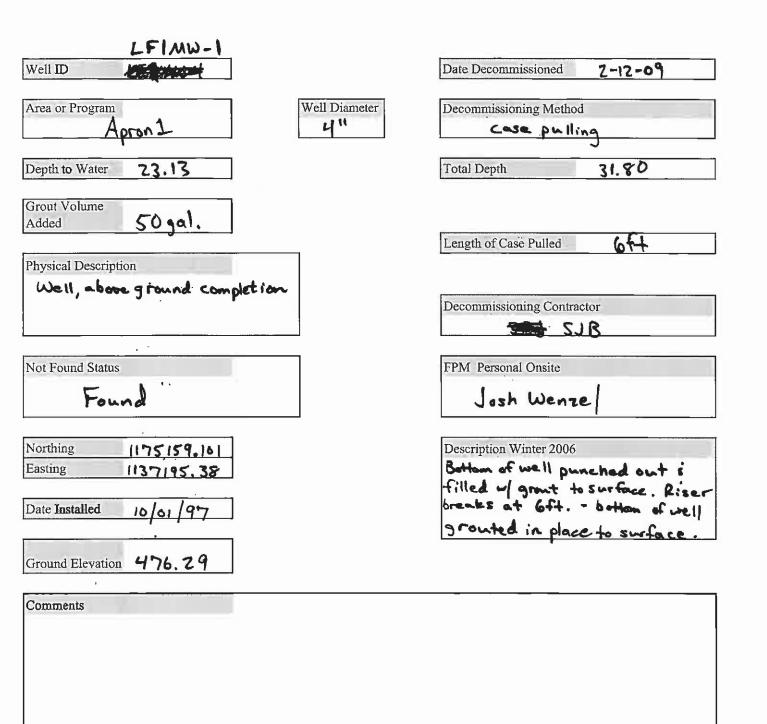


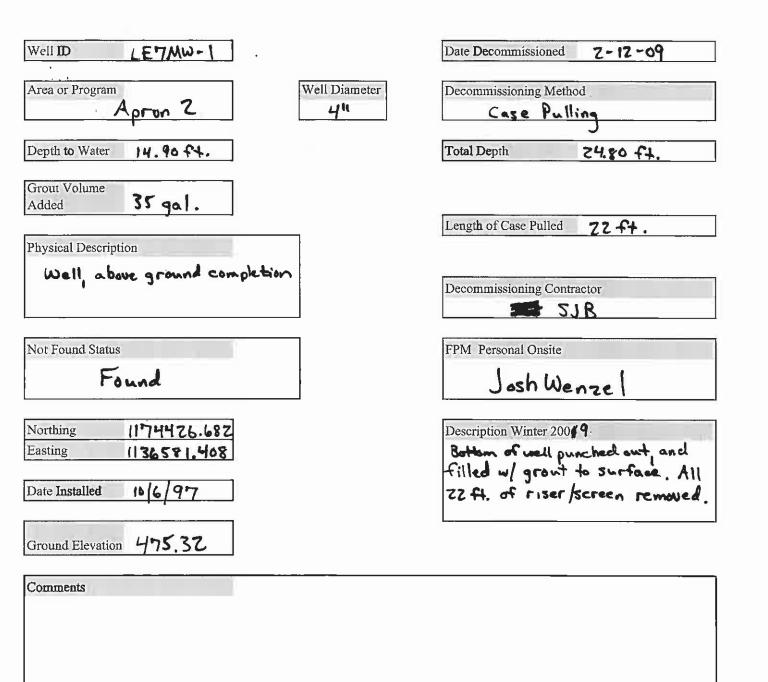


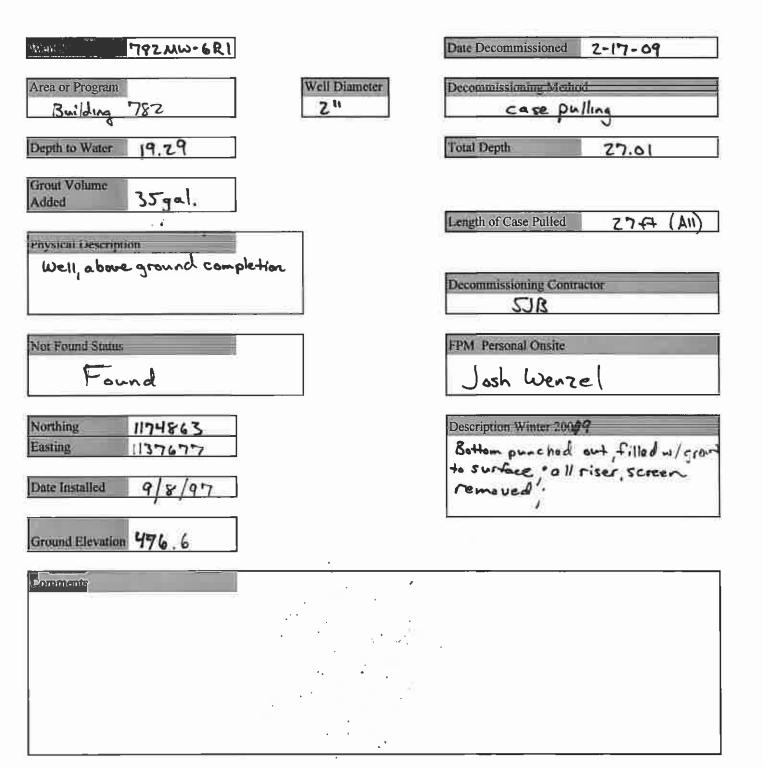


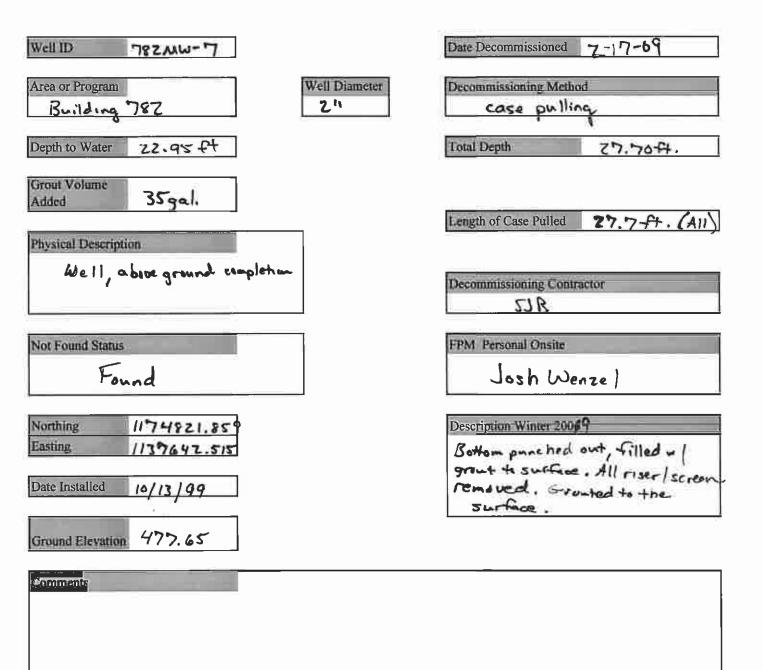


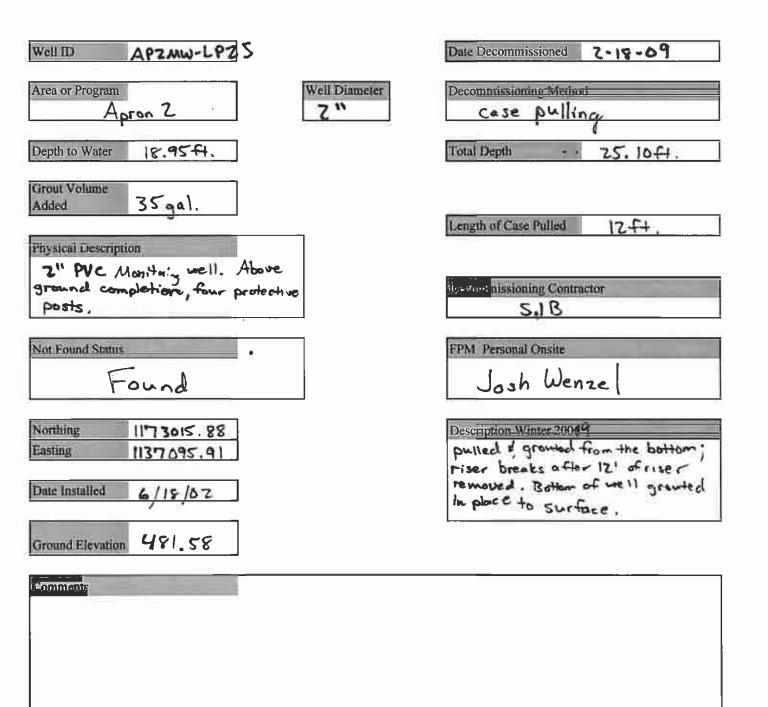


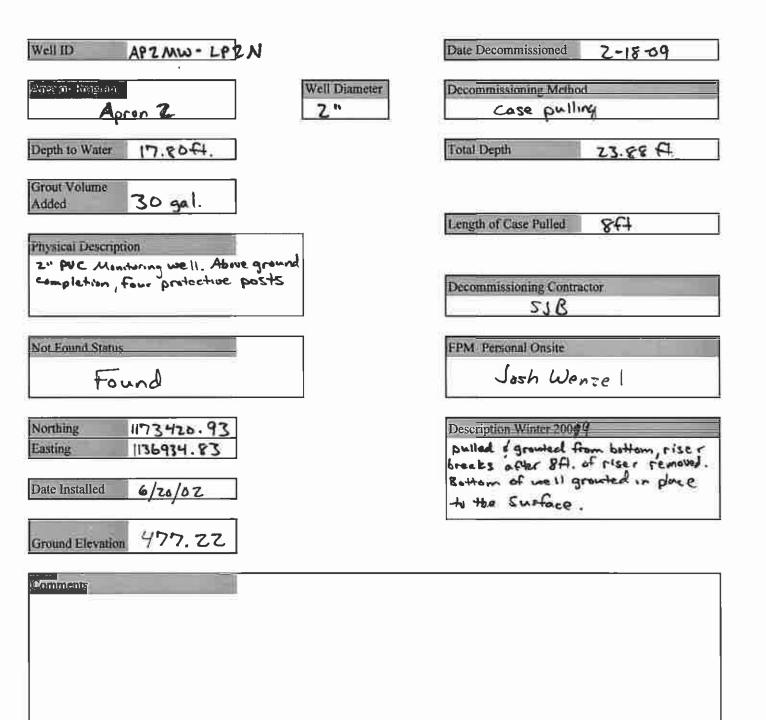


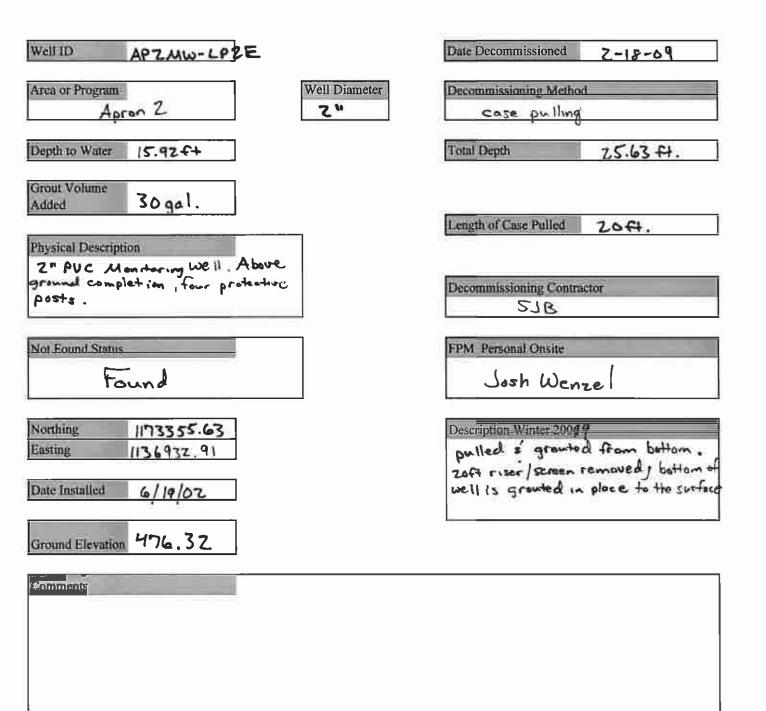


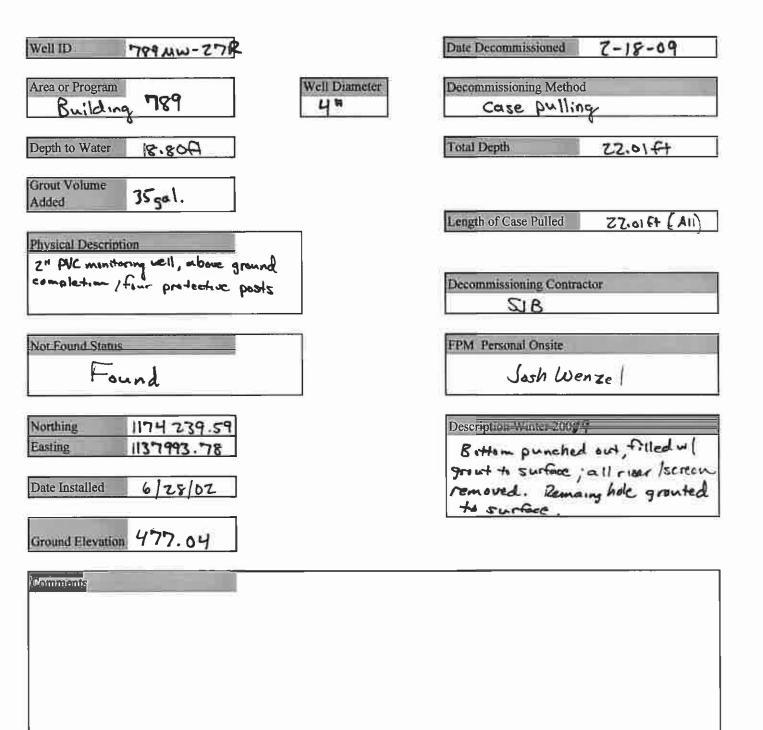


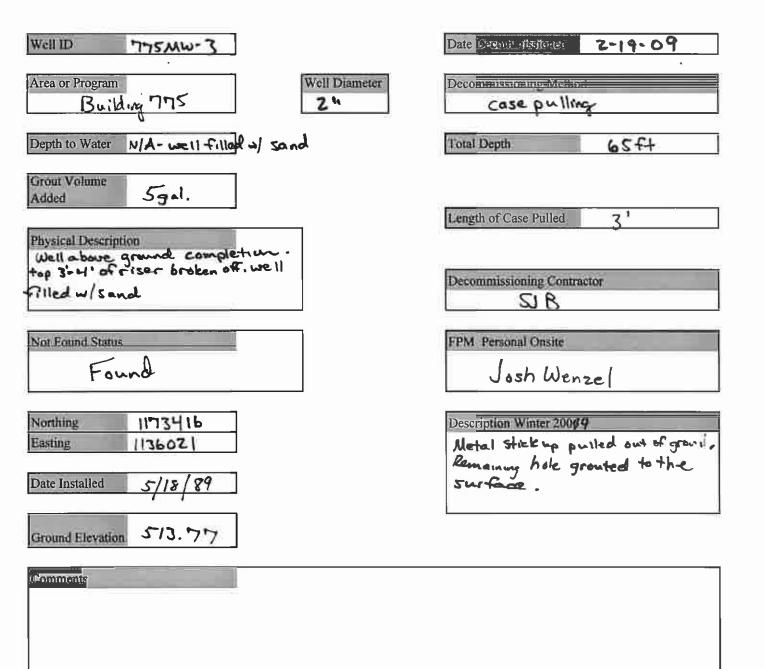


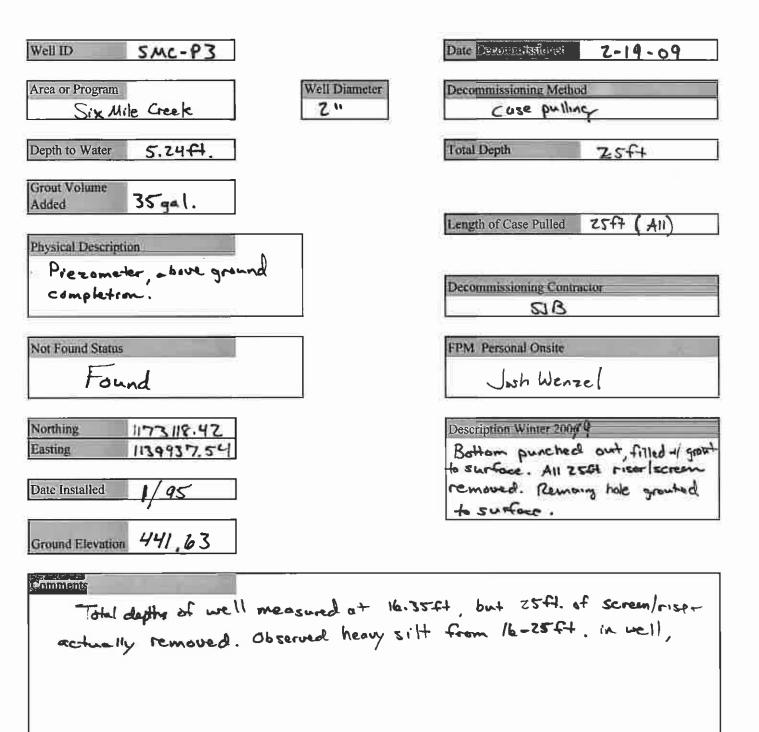


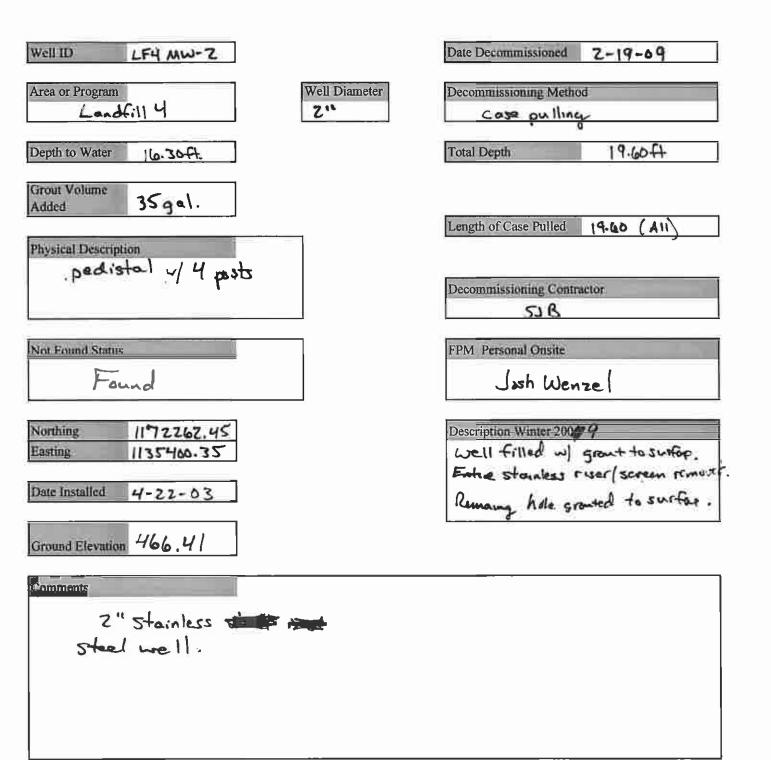


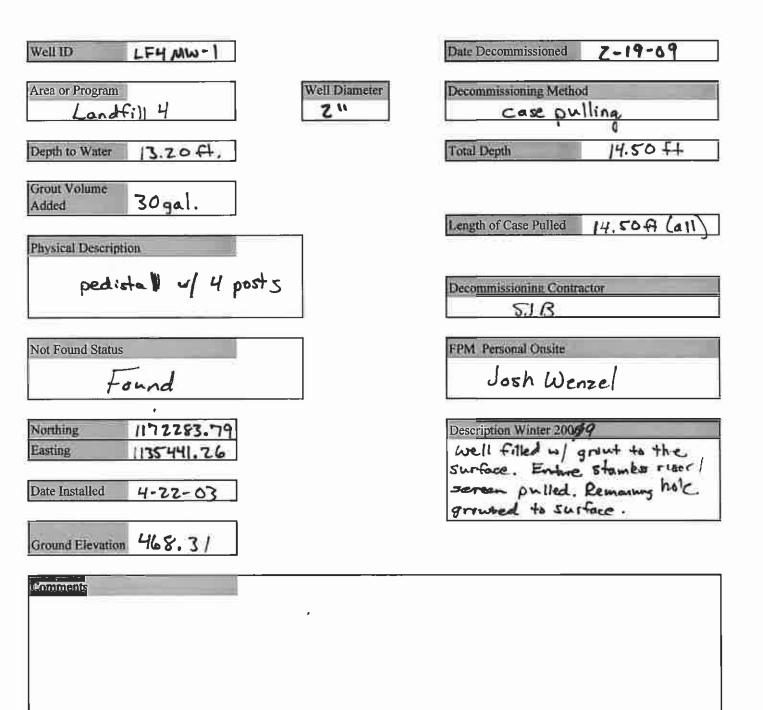


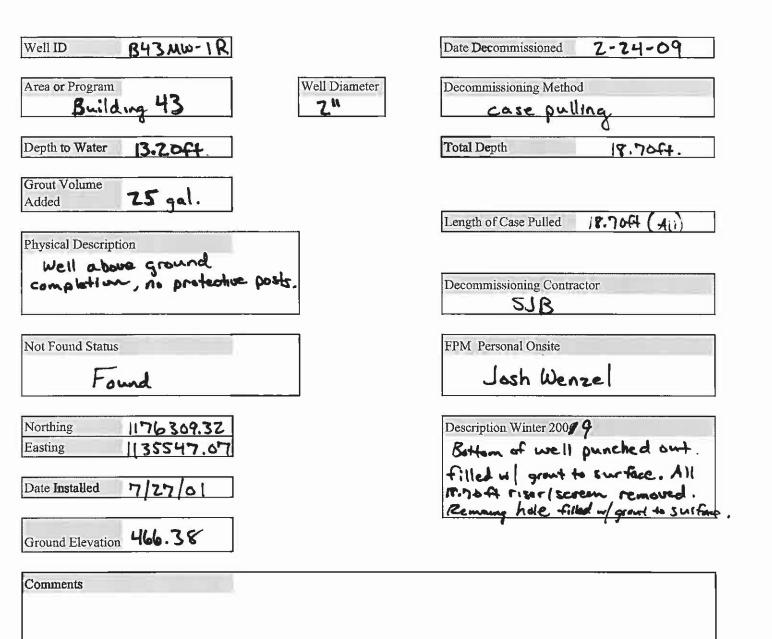


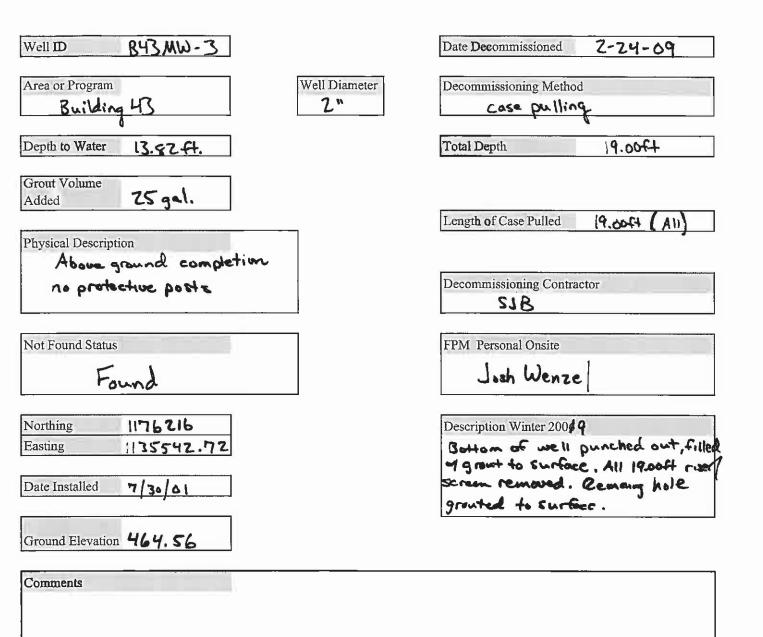


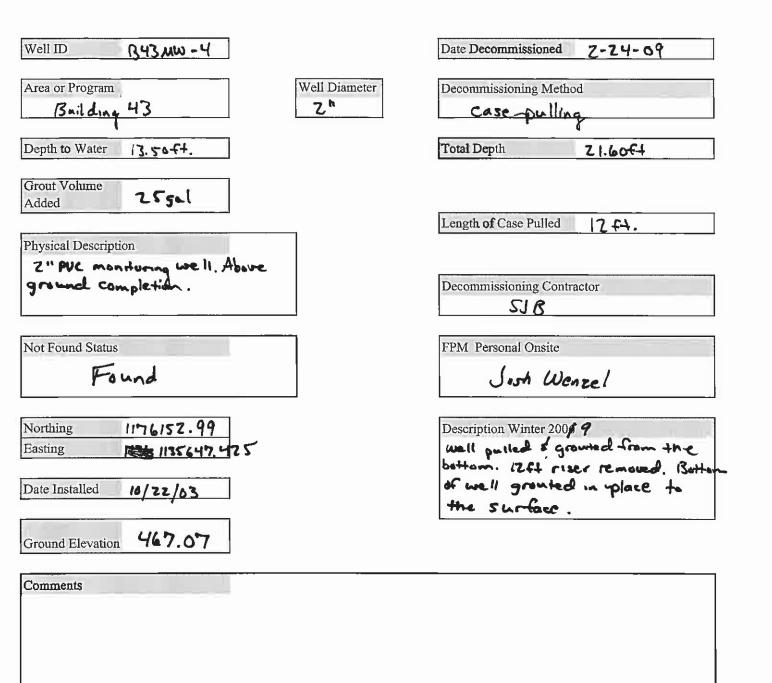


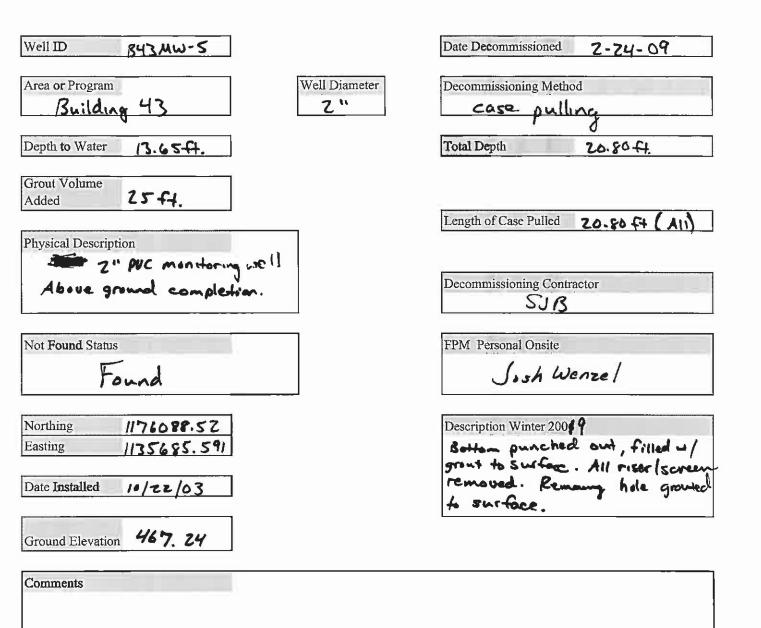


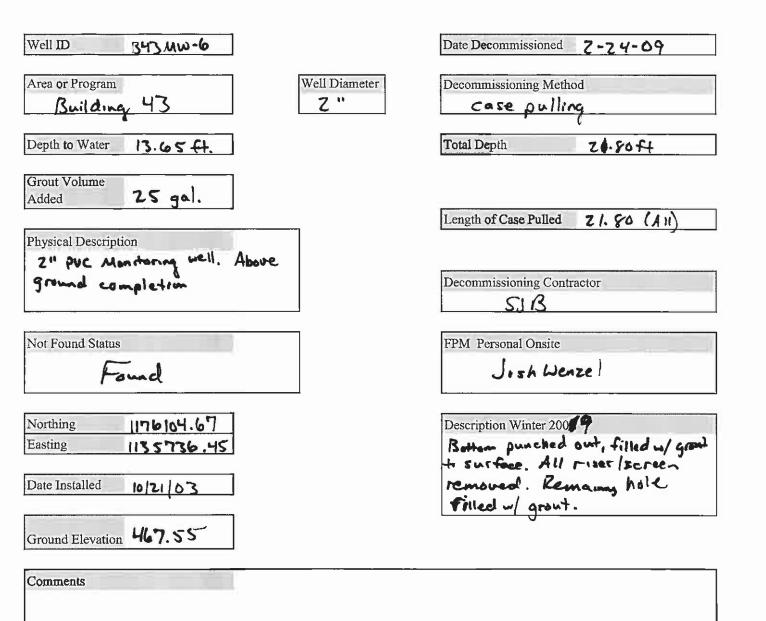


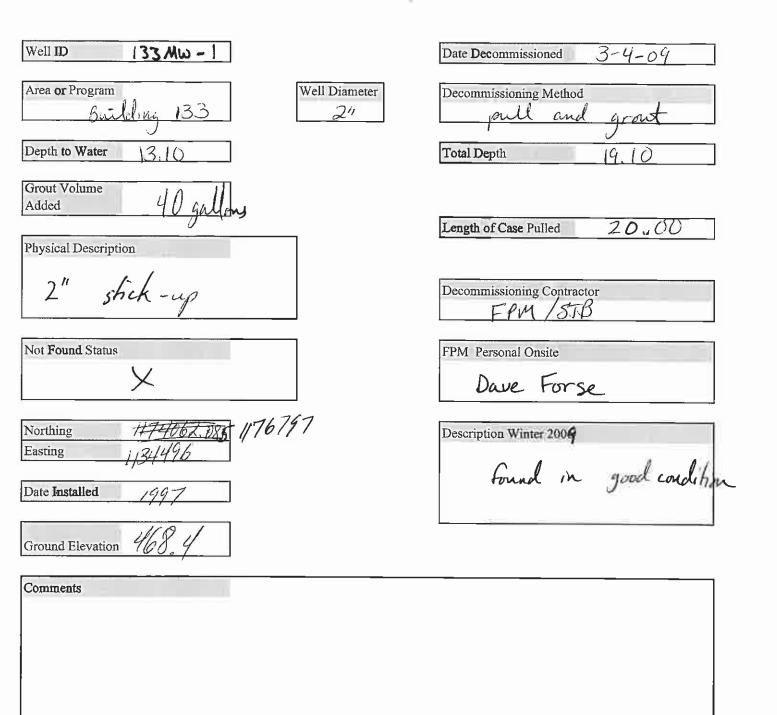




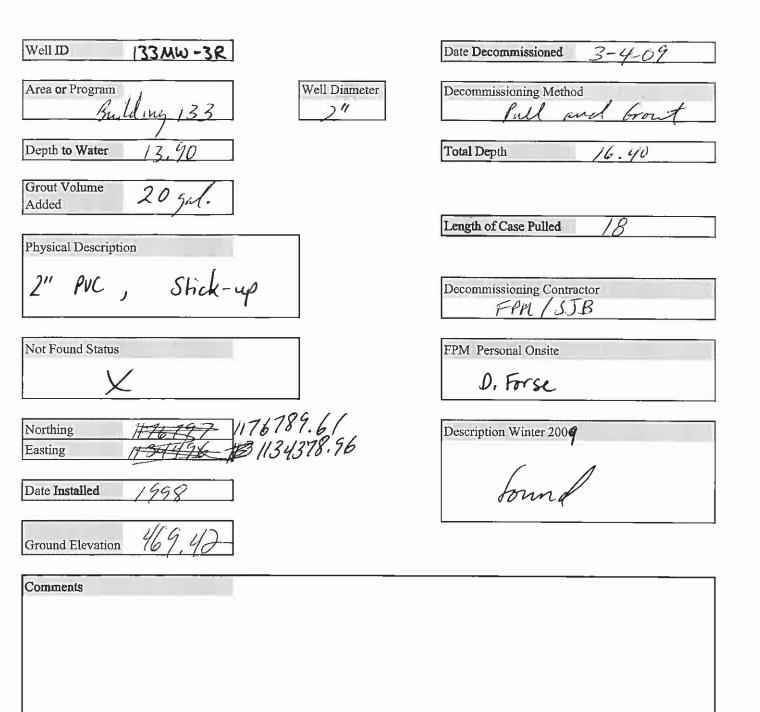


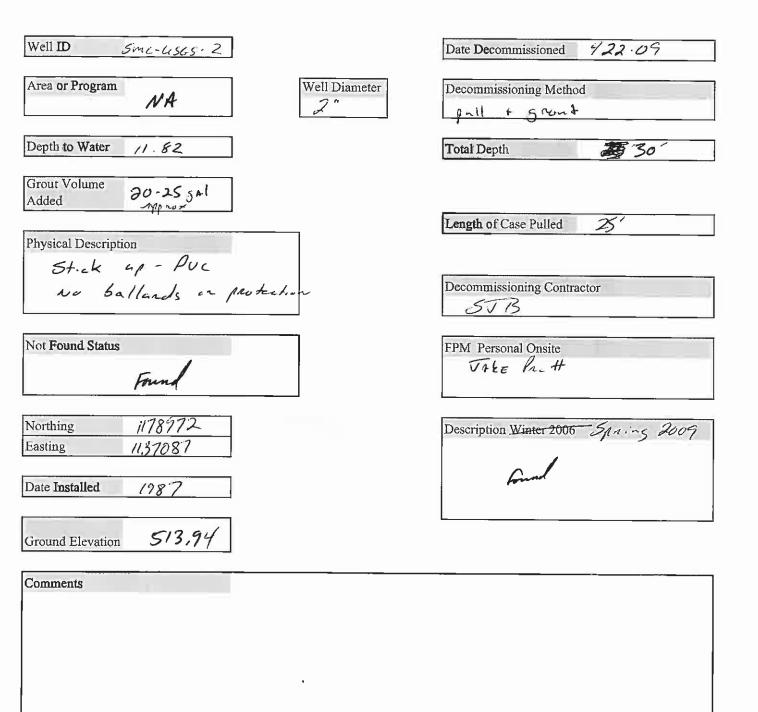


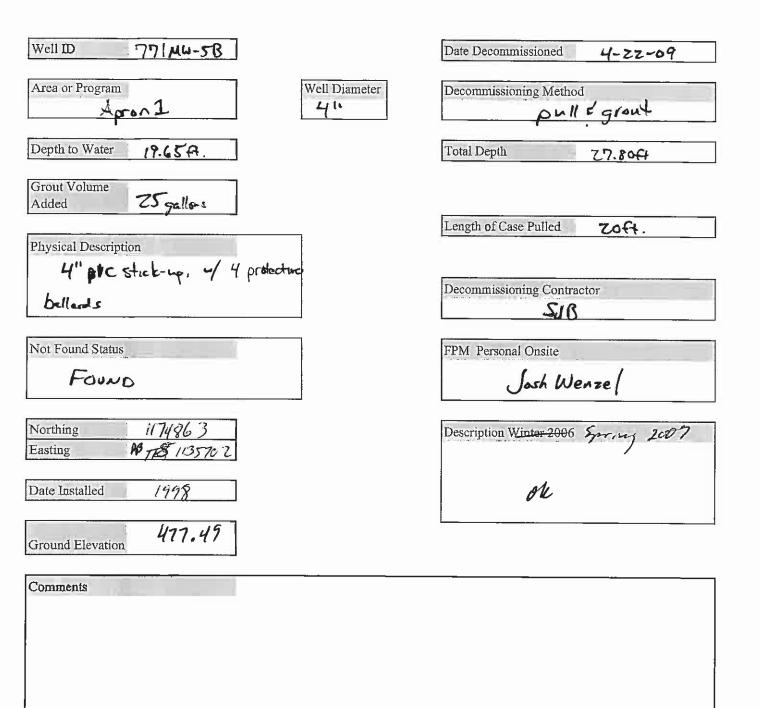


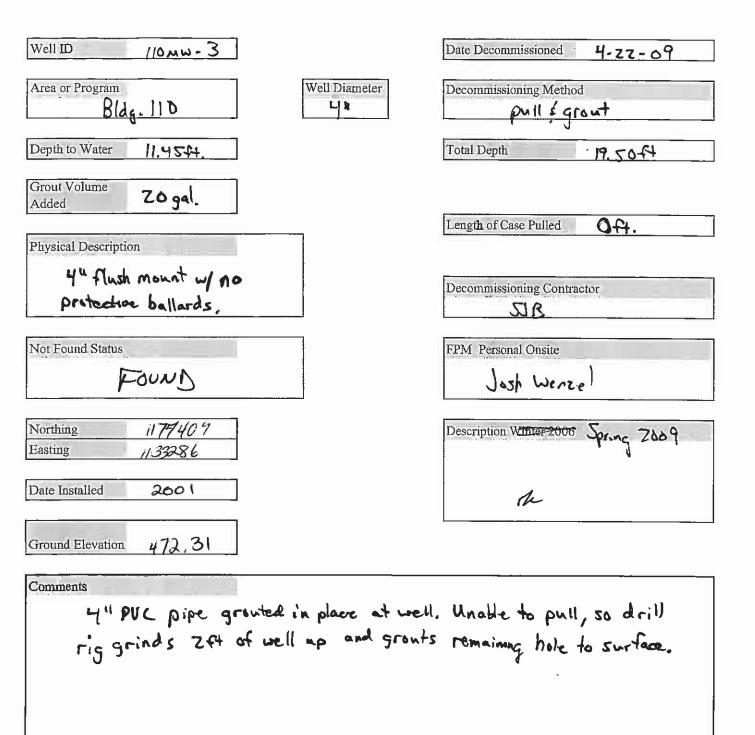


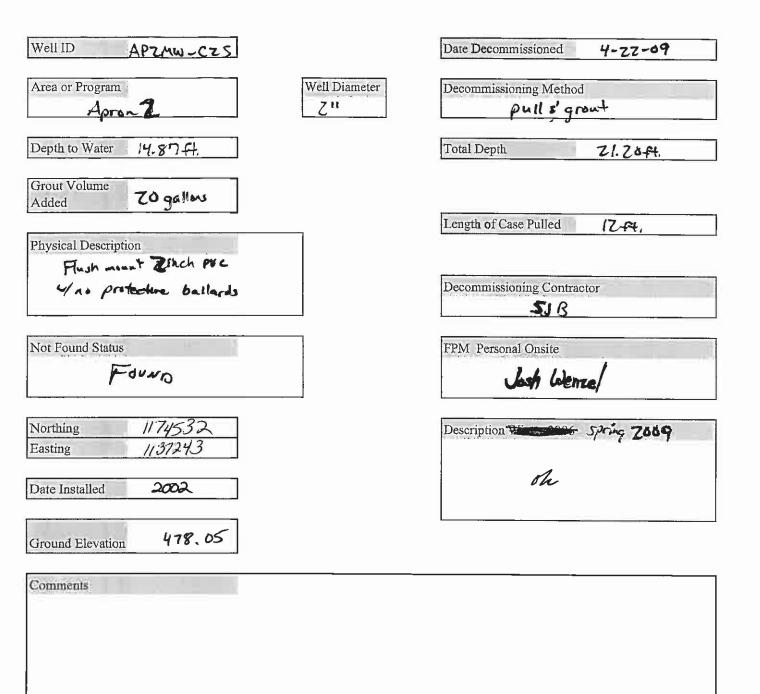
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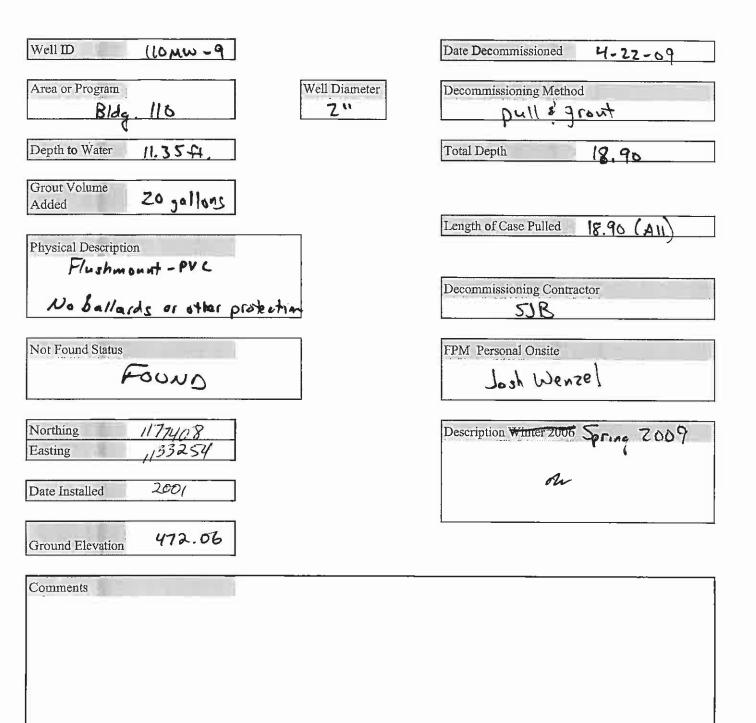


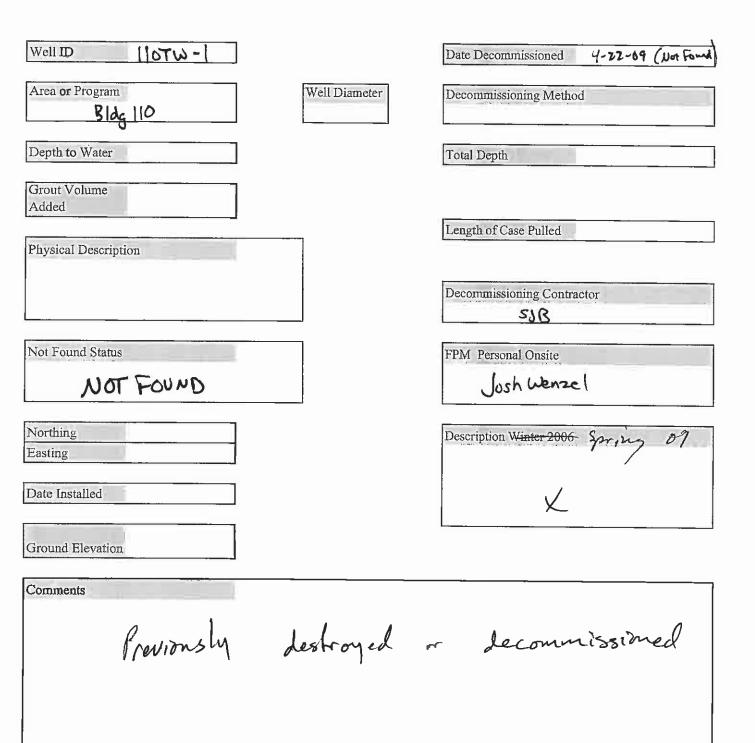


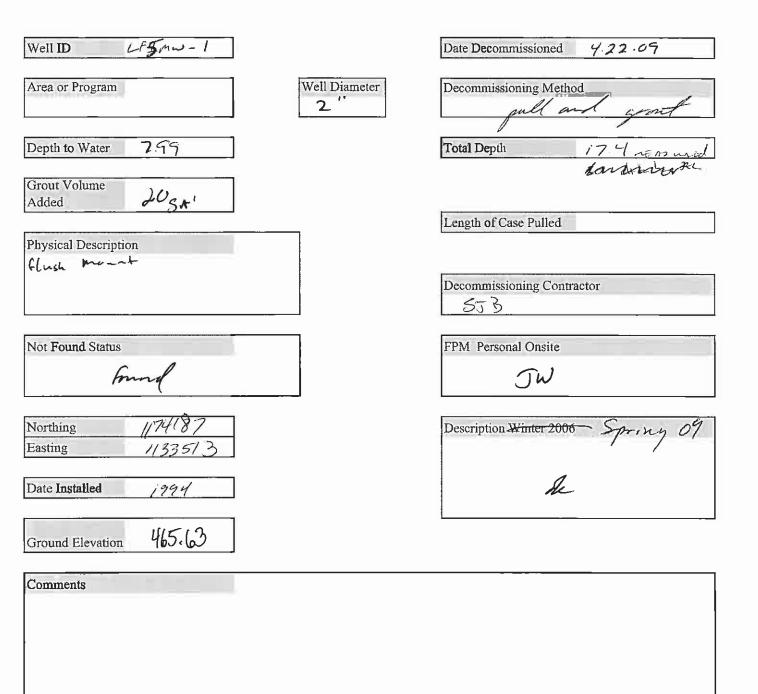


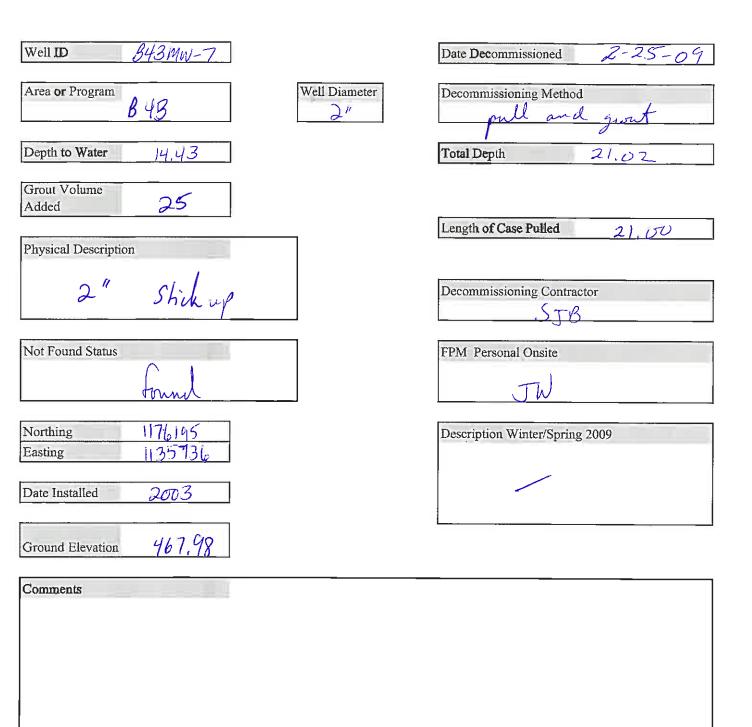


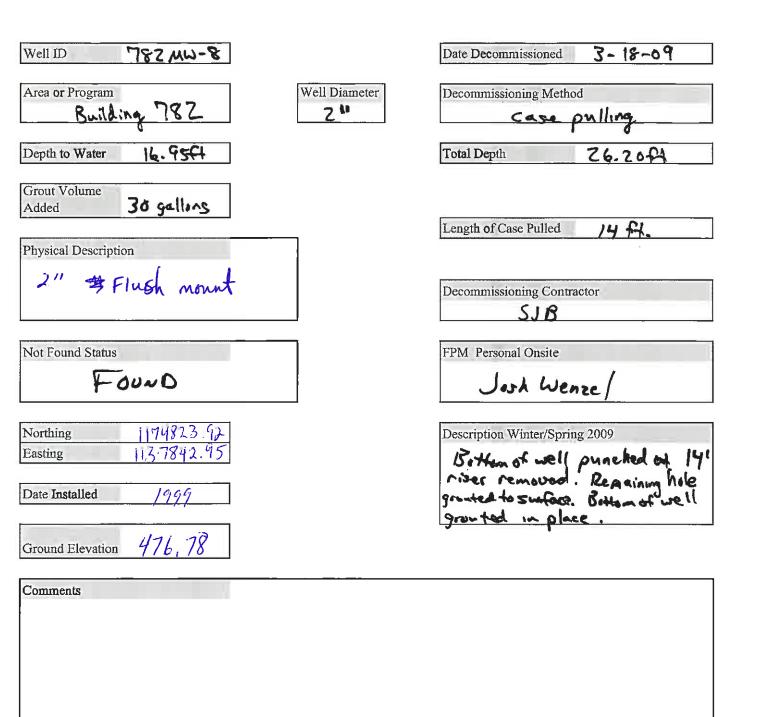


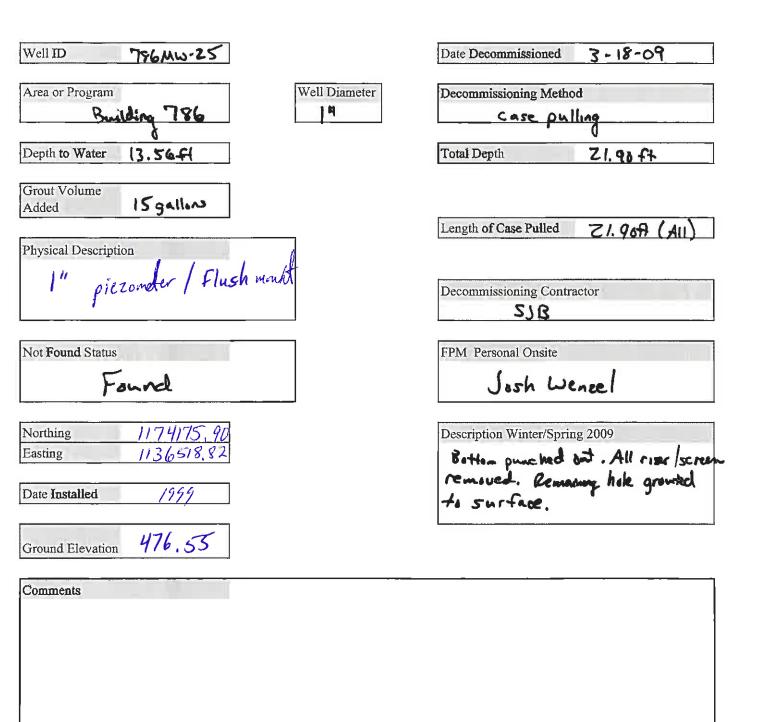


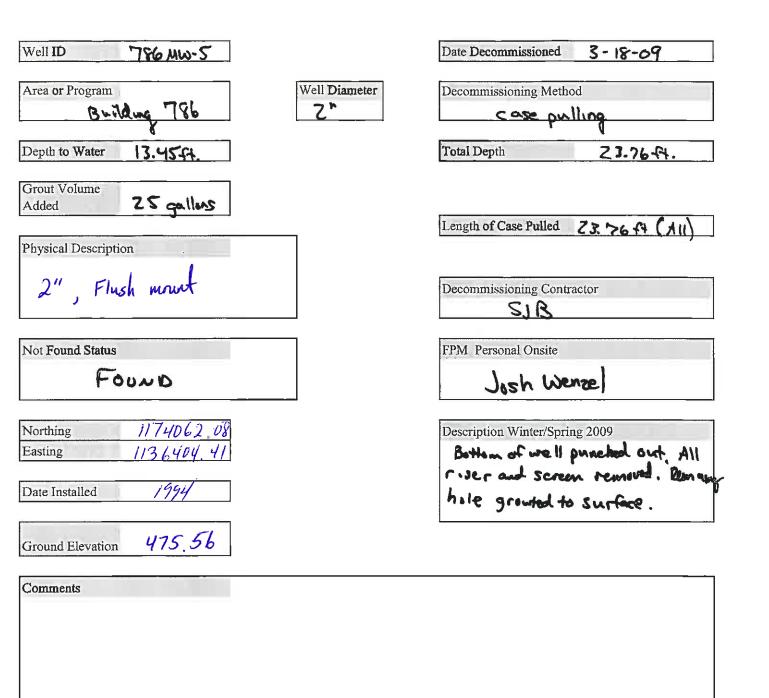


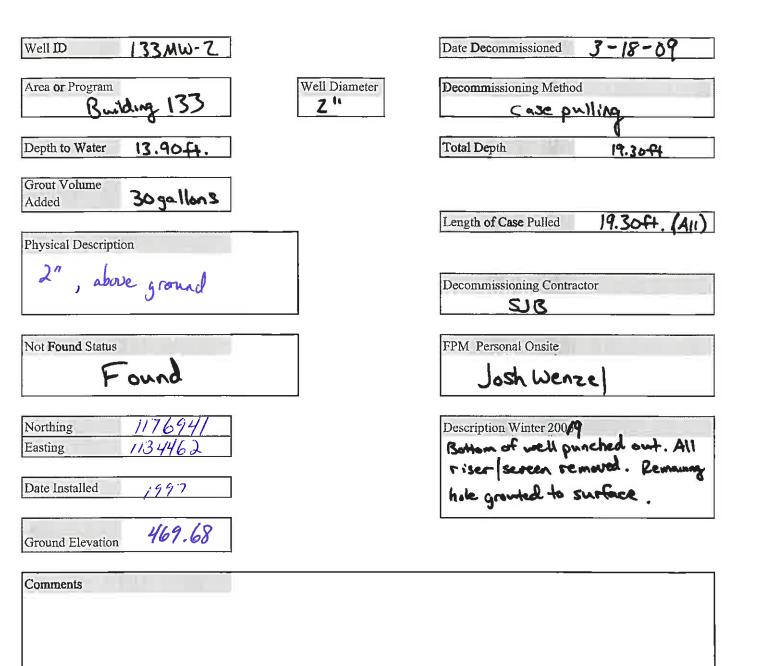


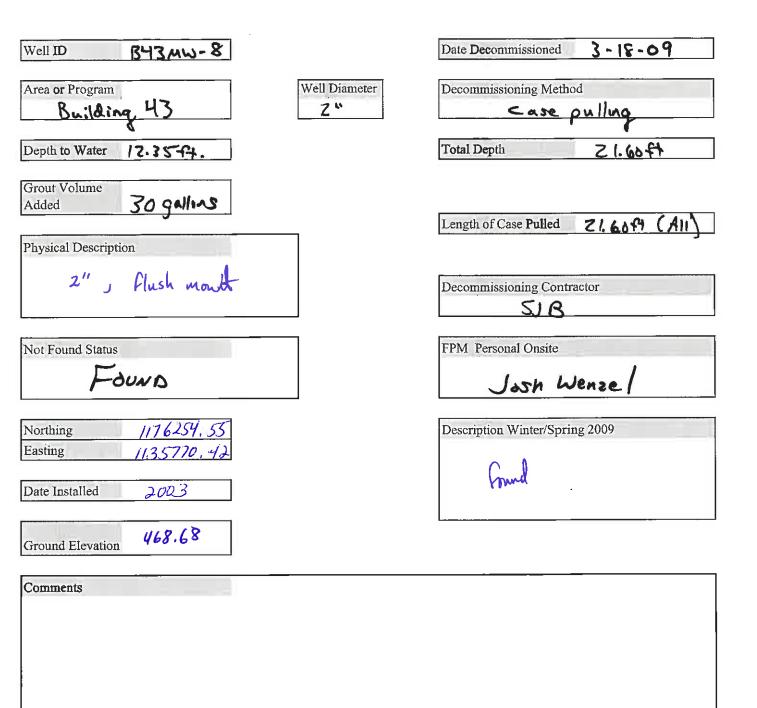


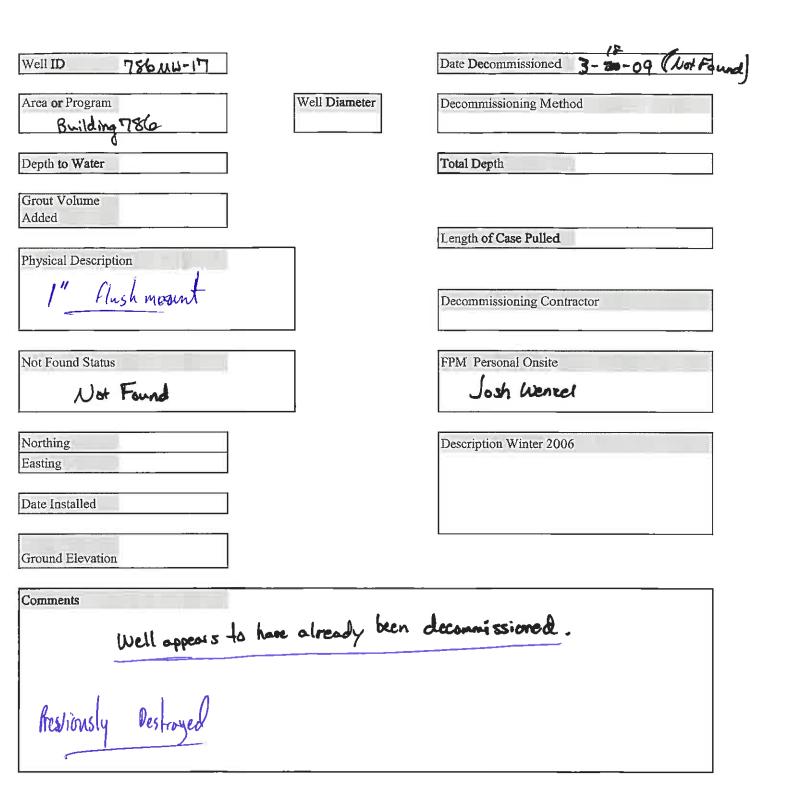


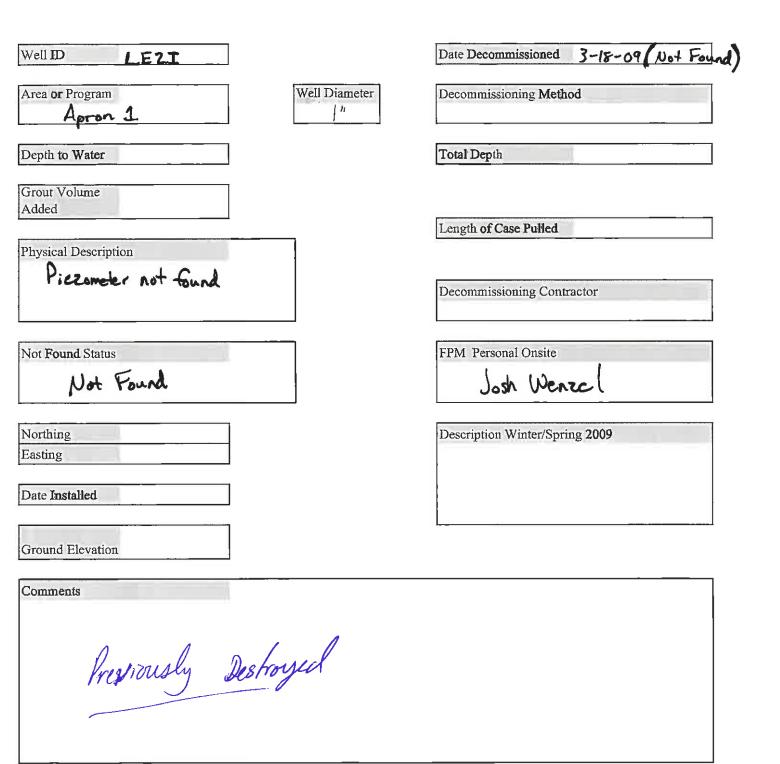


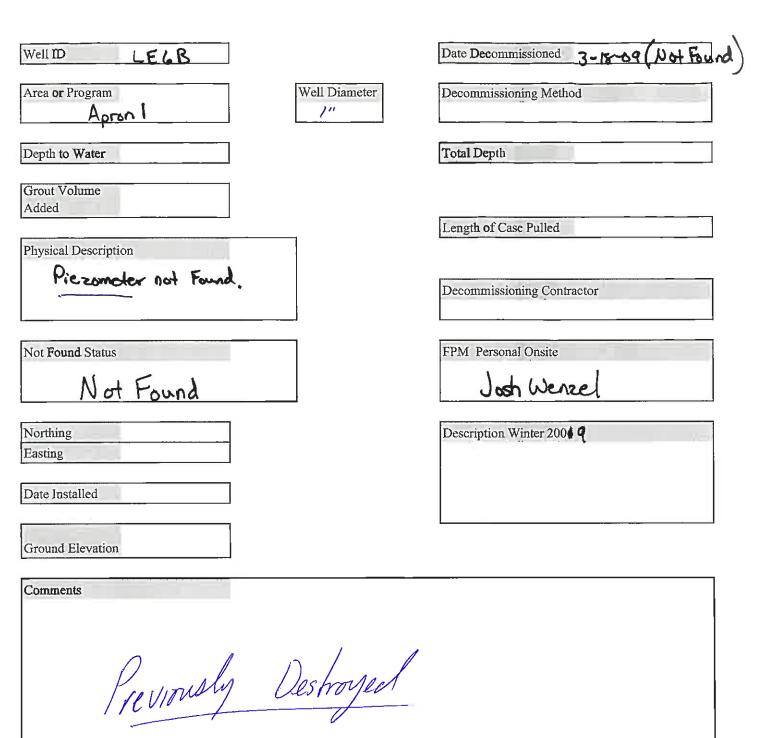


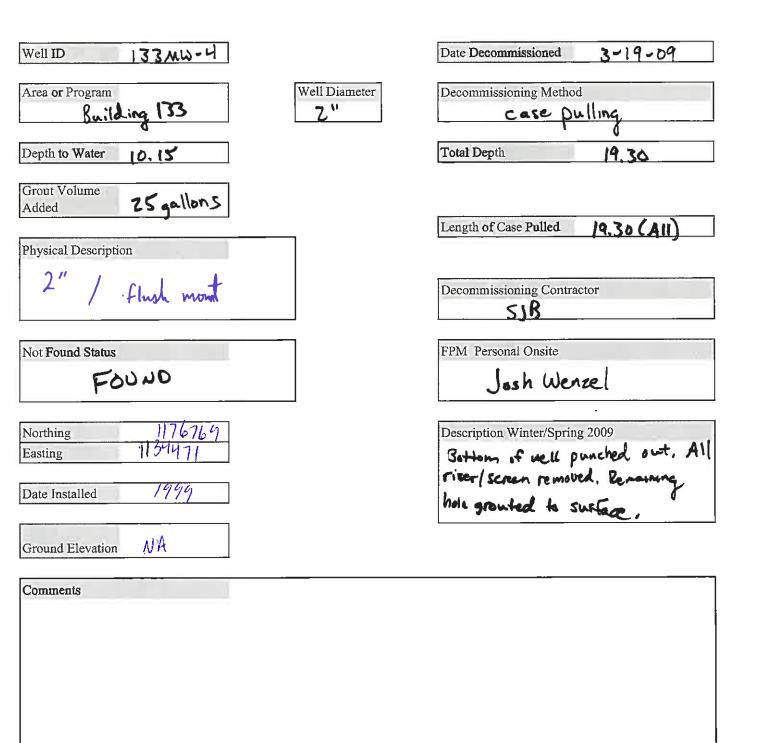


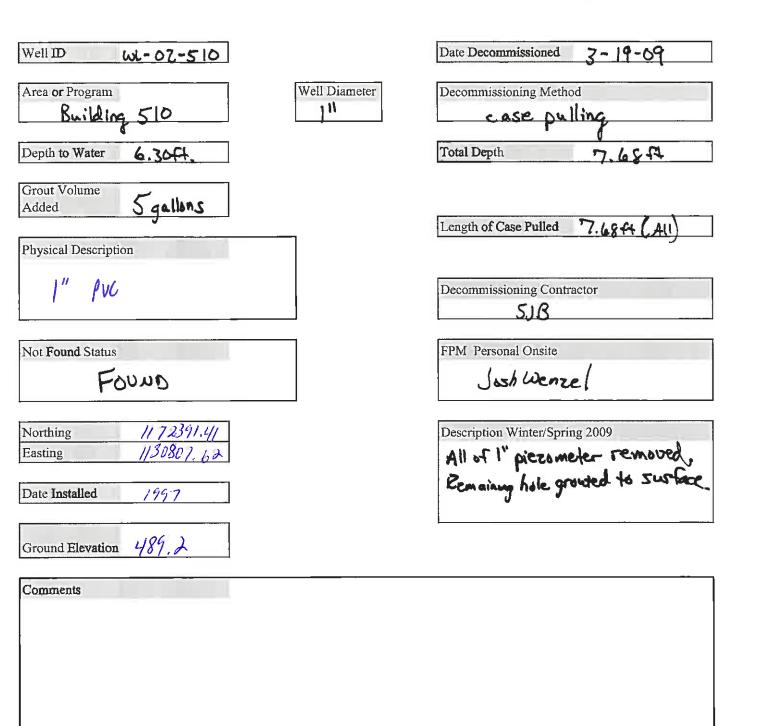


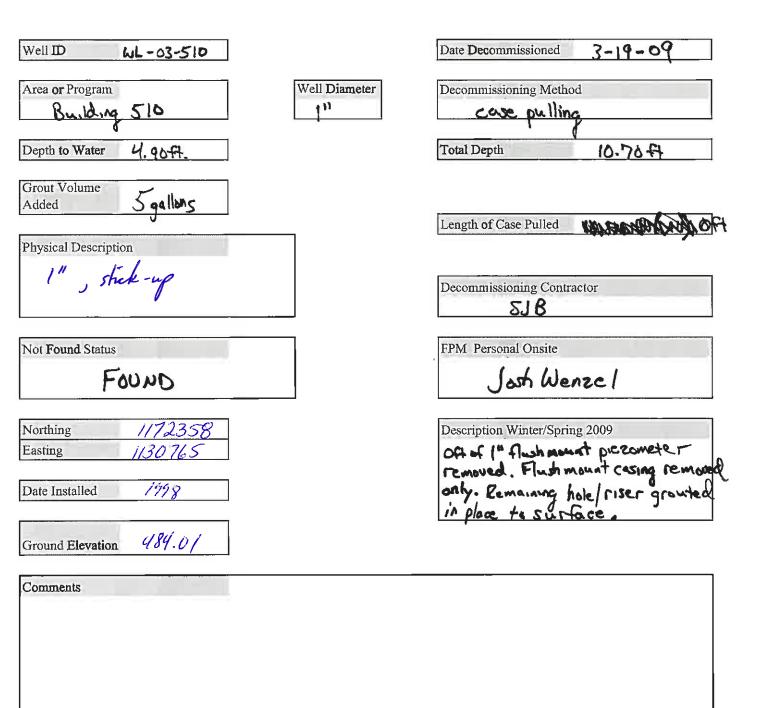


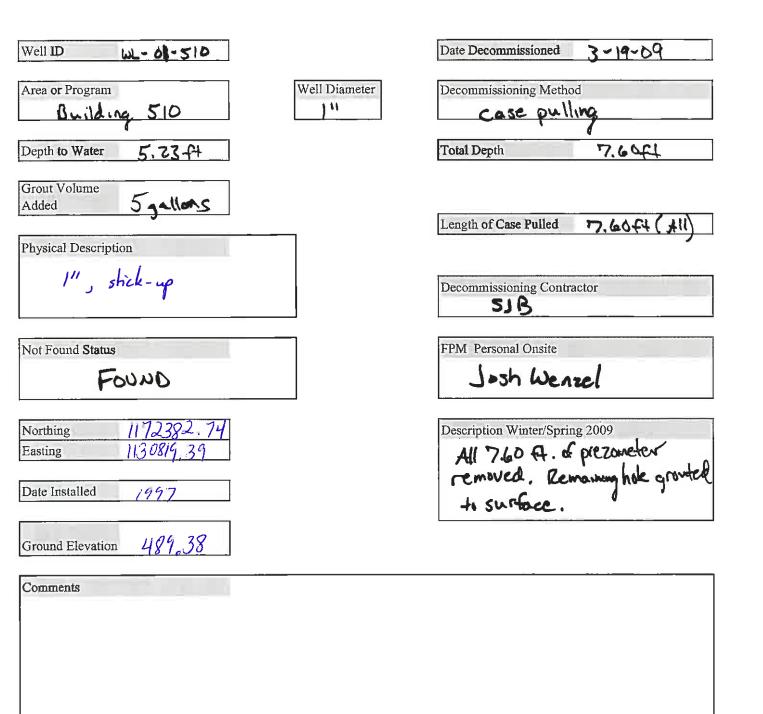


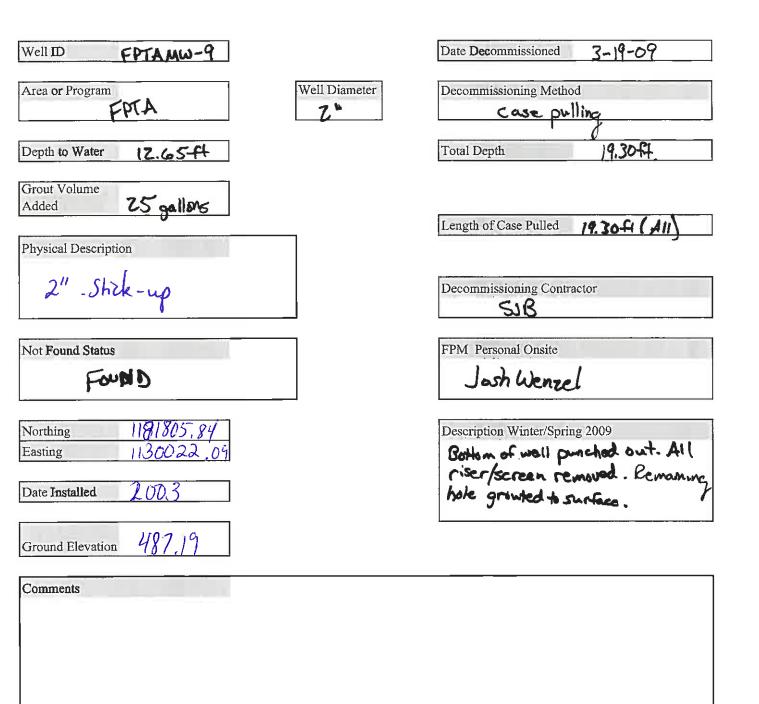


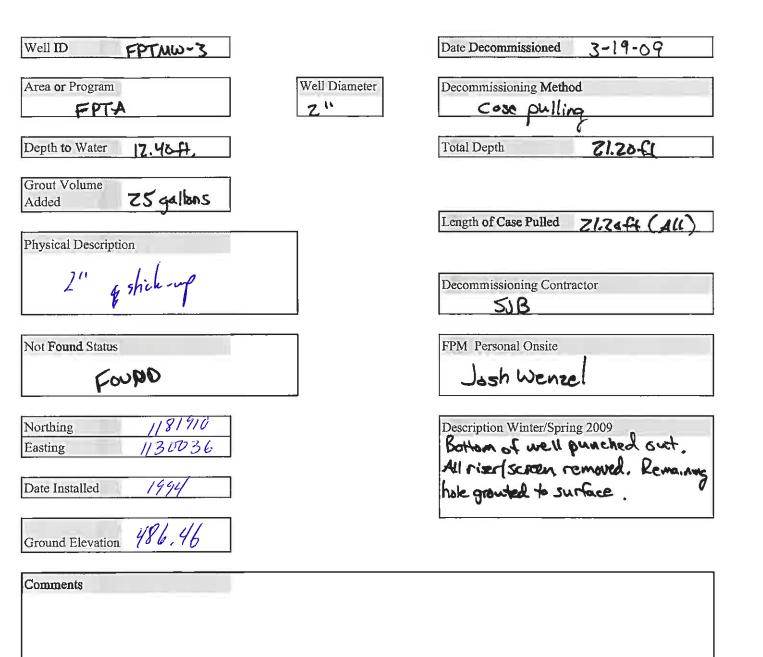


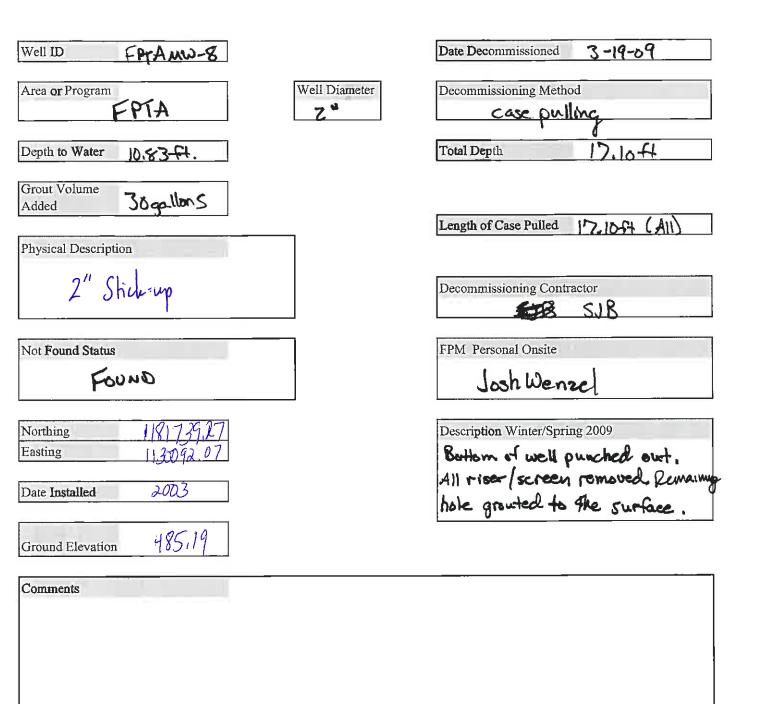


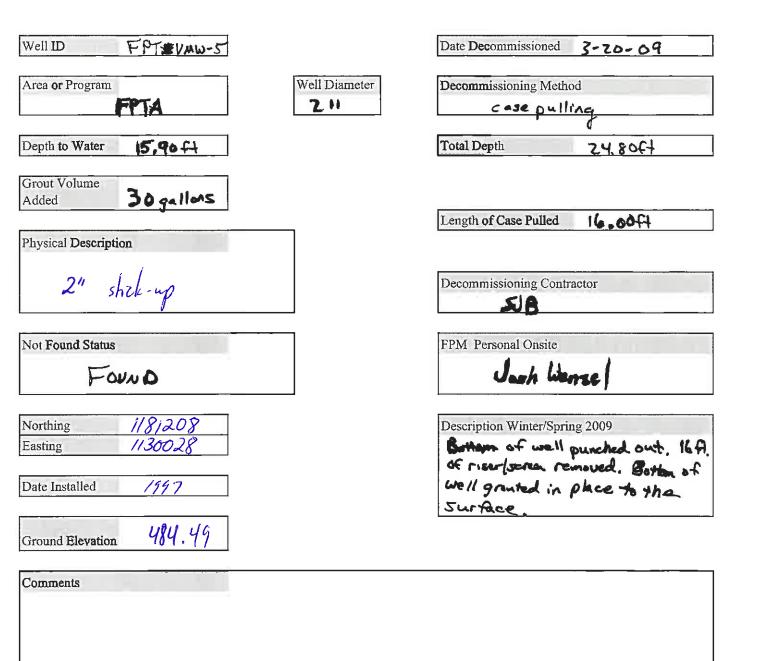


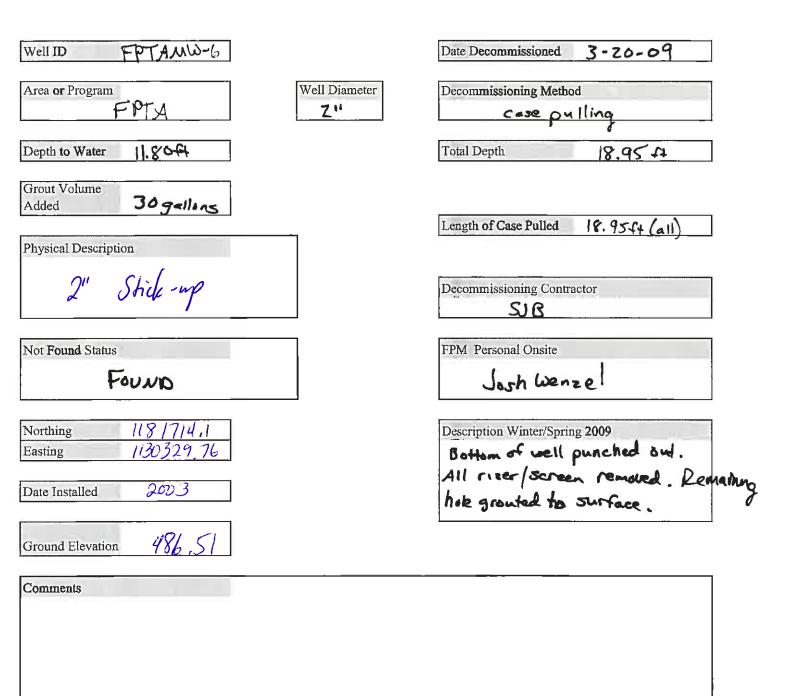


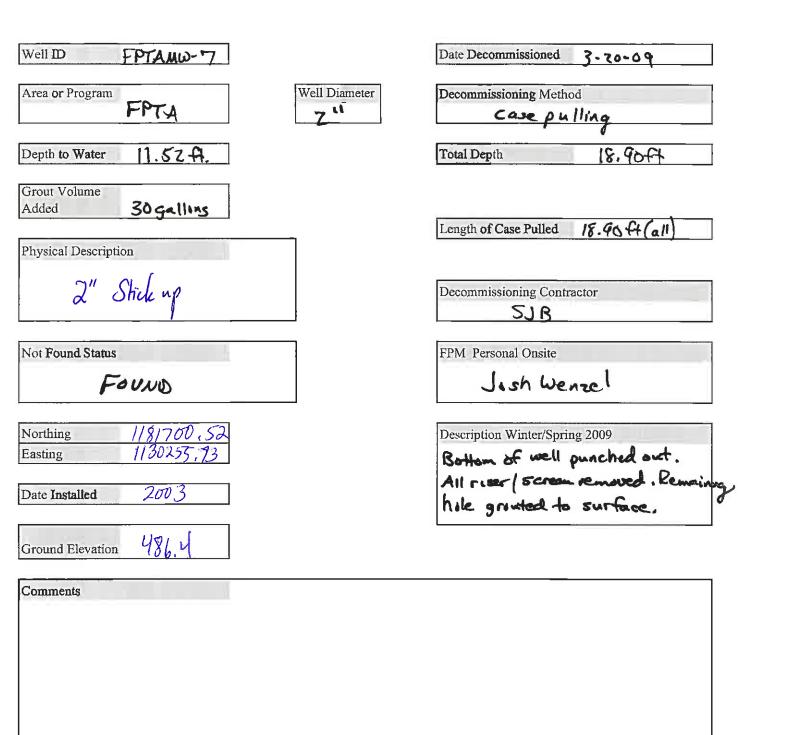


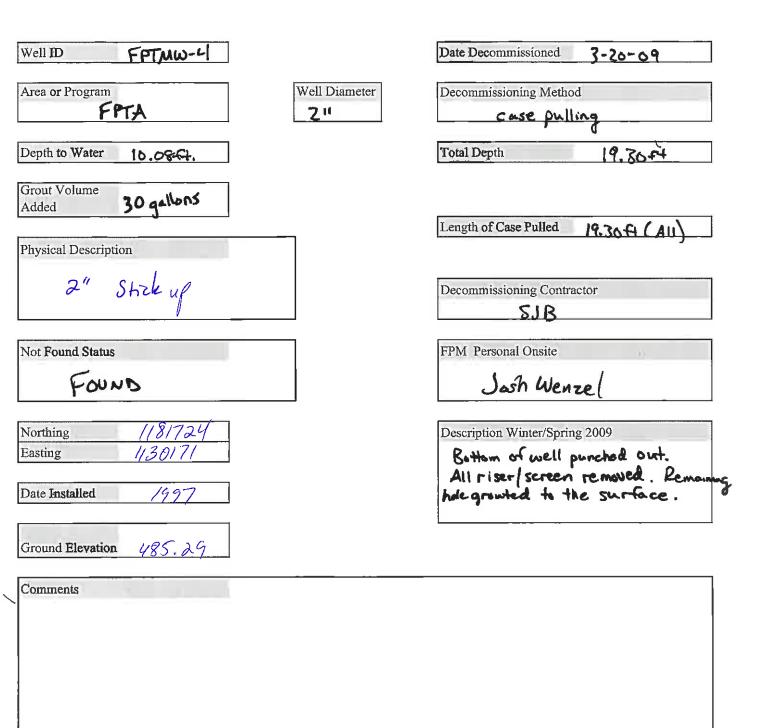










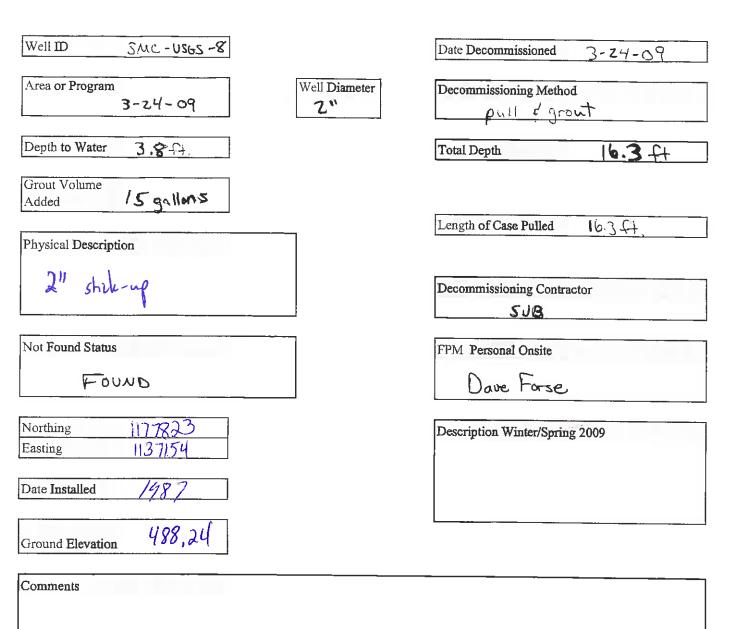


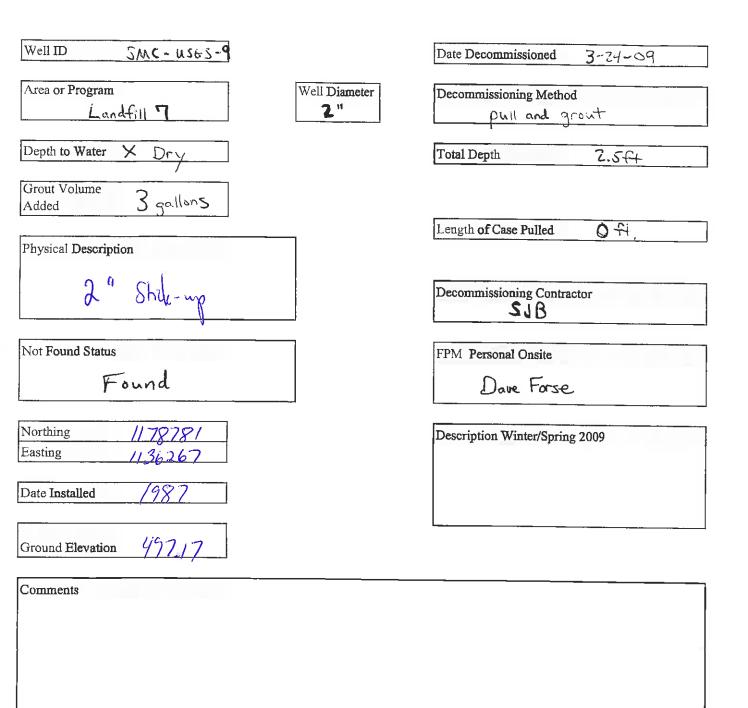
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Area or Program Well Diameter	Decommissioning Method
Depth to Water	Total Depth
Grout Volume Added	Length of Case Pulled
Physical Description	Length of Case Fulled
	Decommissioning Contractor
Not Found Status	FPM Personal Onsite
Not FOUND	Josh Wenzel
Northing Easting	Description Winter/Spring 2009
Date Installed	
Ground Elevation	
Comments Well located in construction Zon	e on Apron 1.
Previously Destroyed	

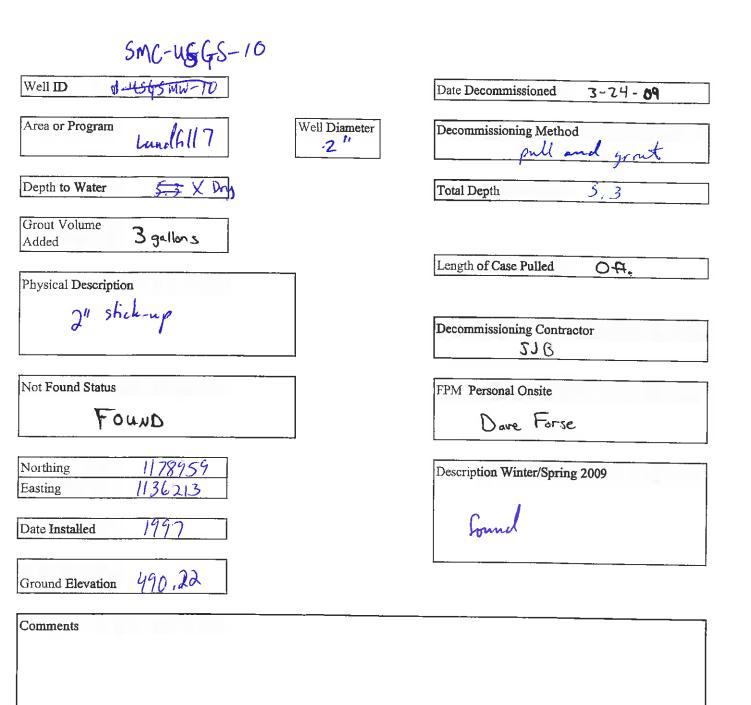
Well ID HP3A	Date Decommissioned 3.23-09 (not-Sund)
Area or Program Appan, 1 Well Diameter	Decommissioning Method
Depth to Water	Total Depth
Grout Volume Added	Length of Case Pulled
Physical Description	
	Decommissioning Contractor
Not Found Status	FPM Personal Onsite
Nor Found	Jash Wenzel
Northing Easting	Description Winter/Spring 2009
Date Installed	
Ground Elevation	
Comments Well located in construction zone di	Apron 1.
Previously Destroyed X	

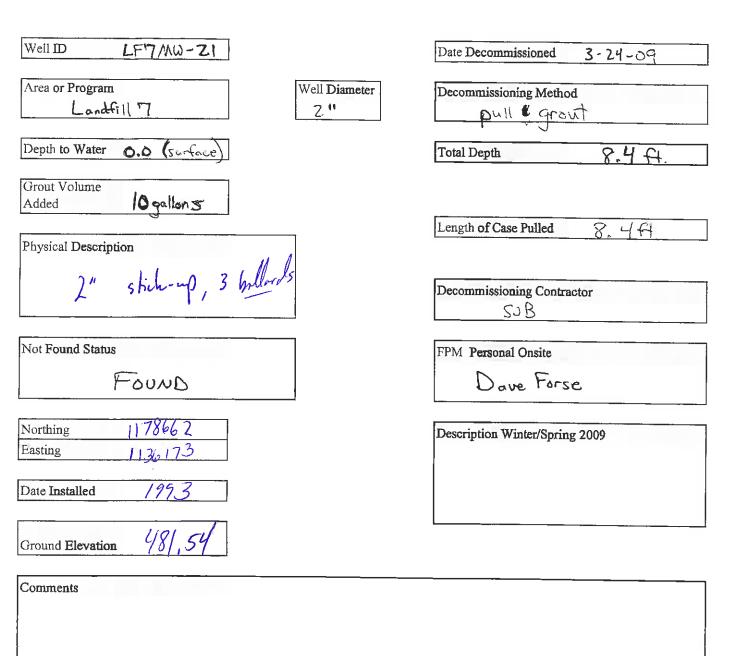
Well ID HE1E		Date Decommissioned 3-23-09 (not found)
Area or Program	Well Diameter	Decommissioning Method
Depth to Water		Total Depth
Grout Volume Added		Length of Case Pulled
Physical Description		Decommissioning Contractor
Not Found Status Not Found		FPM Personal Onsite Josh Wenzel
Northing Easting		Description Winter/Spring 2009
Date Installed		
Ground Elevation		
Comments		
Well opposite ho	ave already been r	emoved.
Previously D)estroyed	

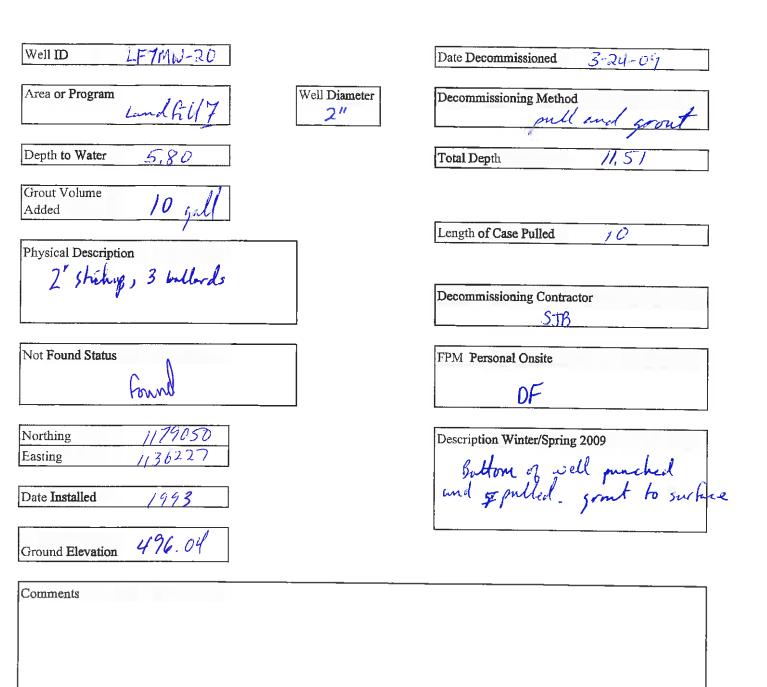
Well ID HF1A	Date Decommissioned 3-23-09 (net found)
Area or Program Apren 1	neter Decommissioning Method
Depth to Water	Total Depth
Grout Volume Added	
Physical Description	Length of Case Pulled
	Decommissioning Contractor
Not Found Status Not Found	FPM Personal Onsite Josh Wenzel
Northing Easting	Description Winter/Spring 2009
Date Installed	
Ground Elevation	
Comments Well appears to have been	already removed.
Previously Destroyed	Q

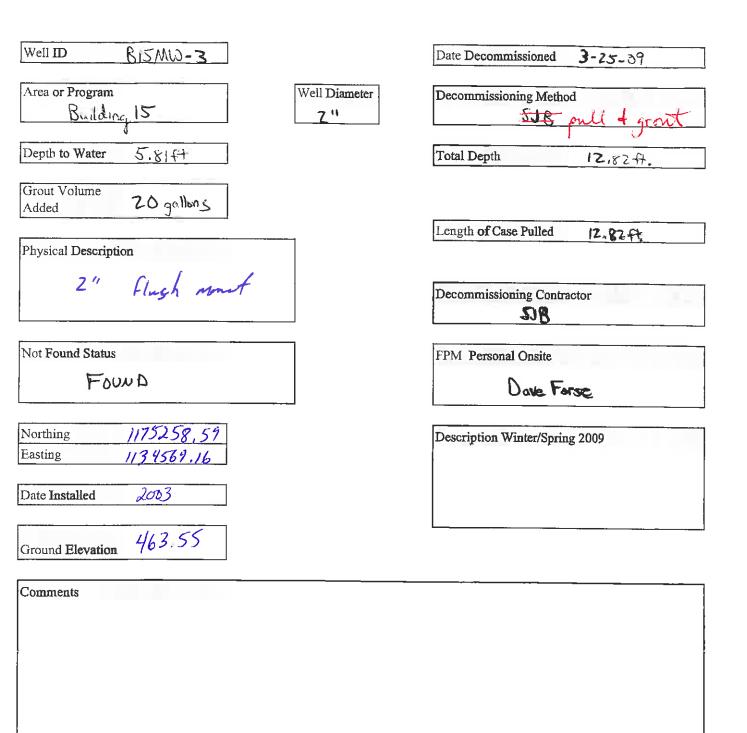


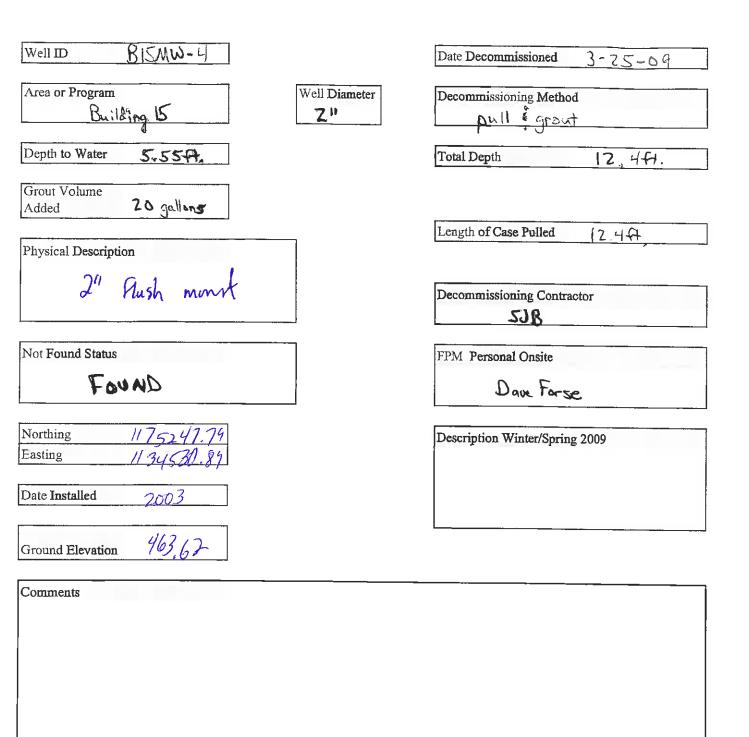


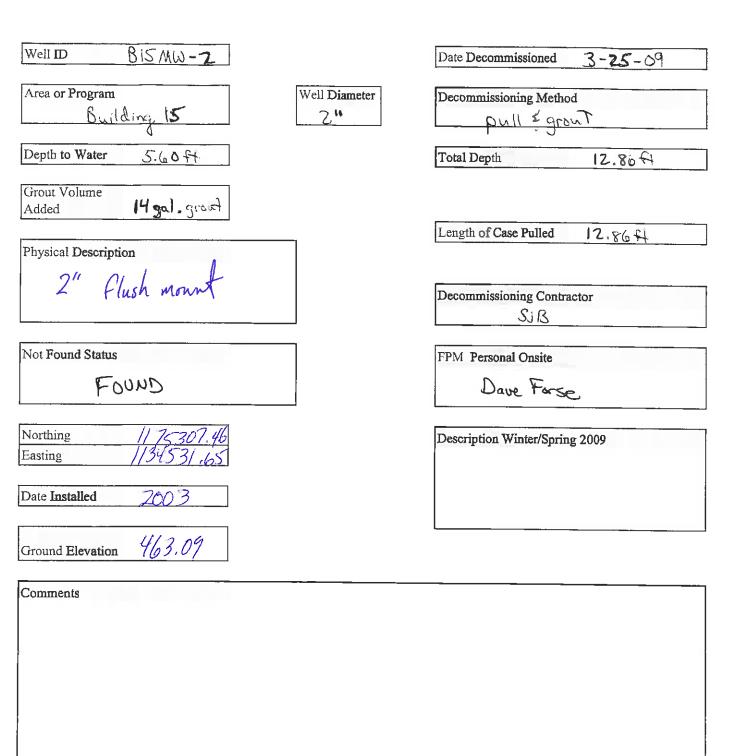


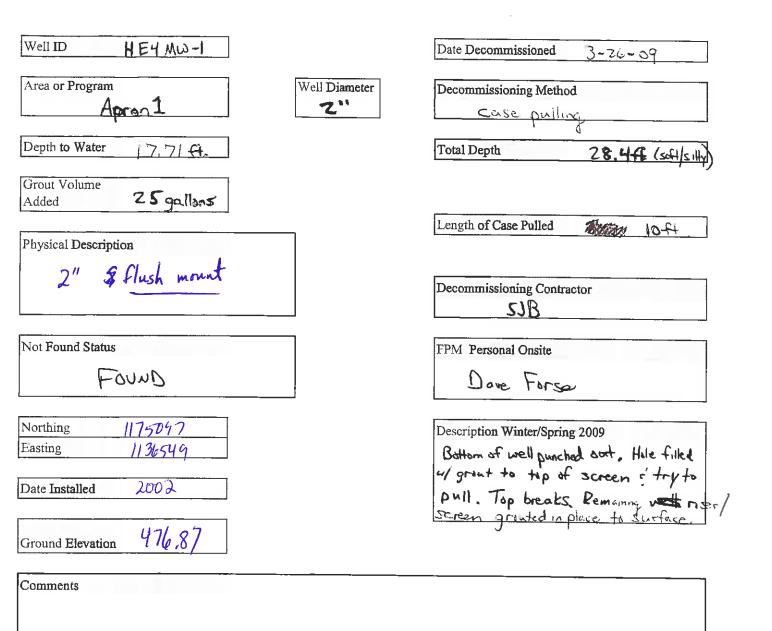


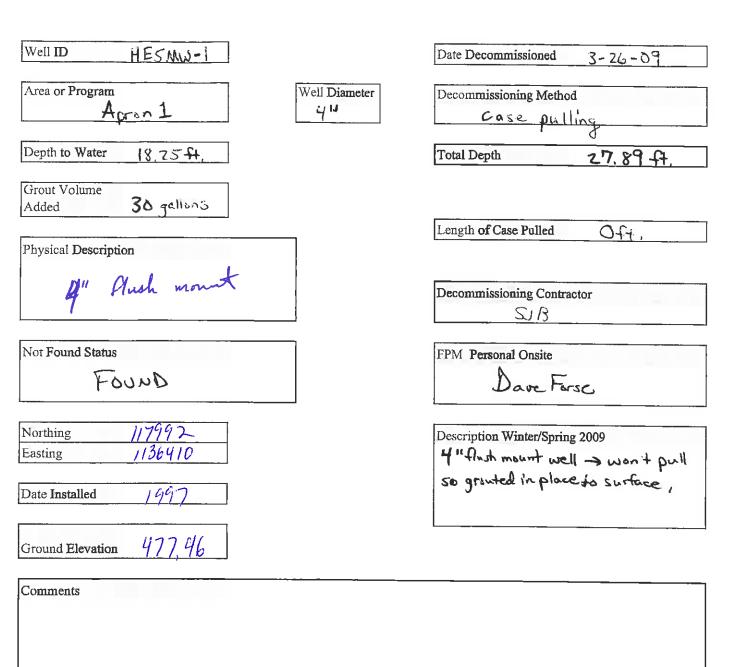


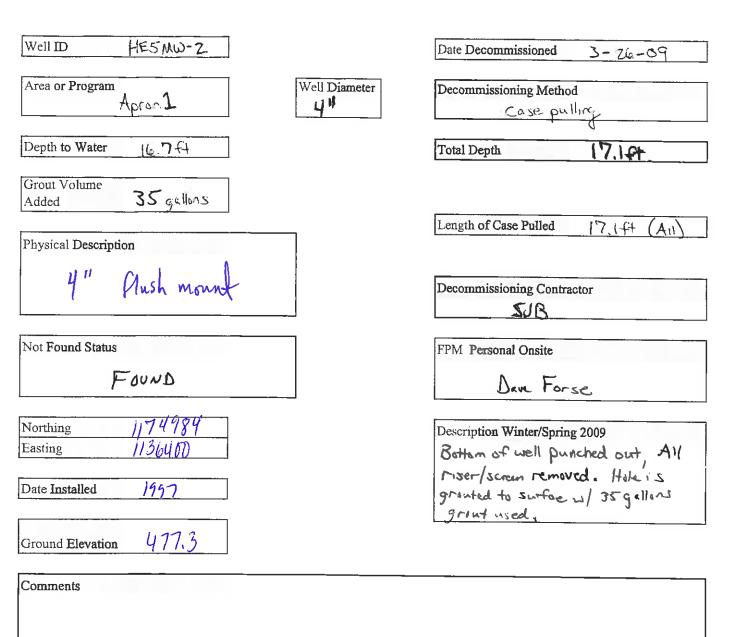


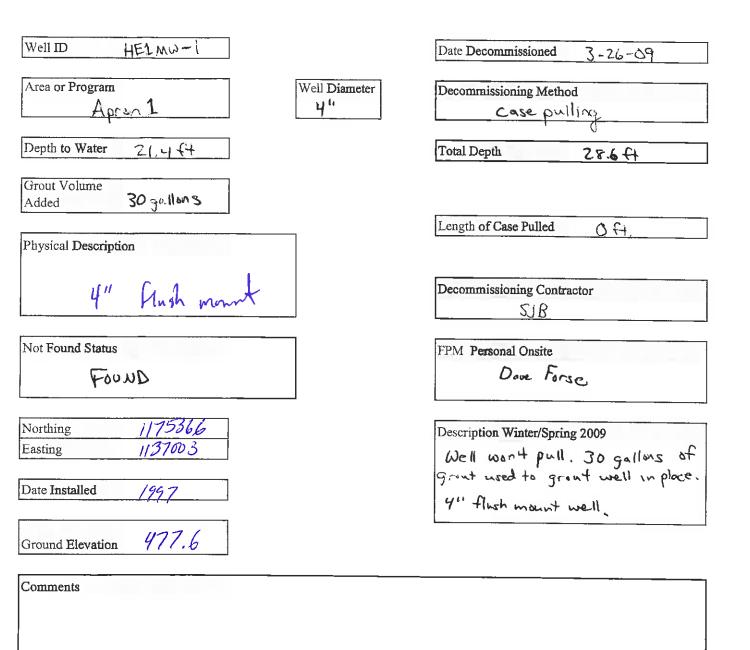


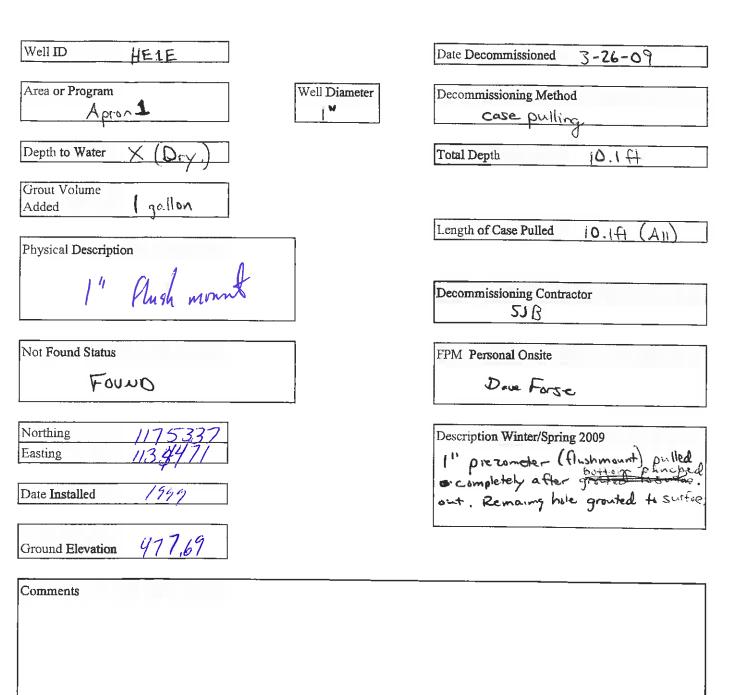


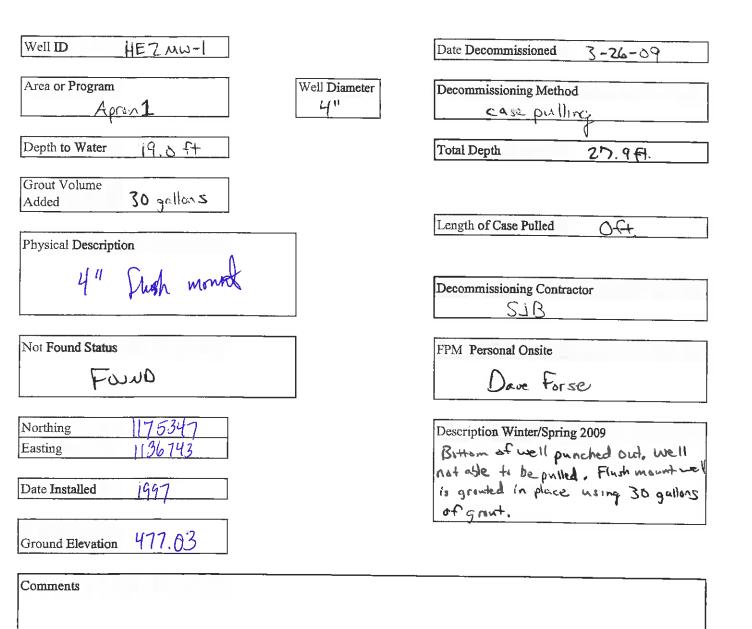


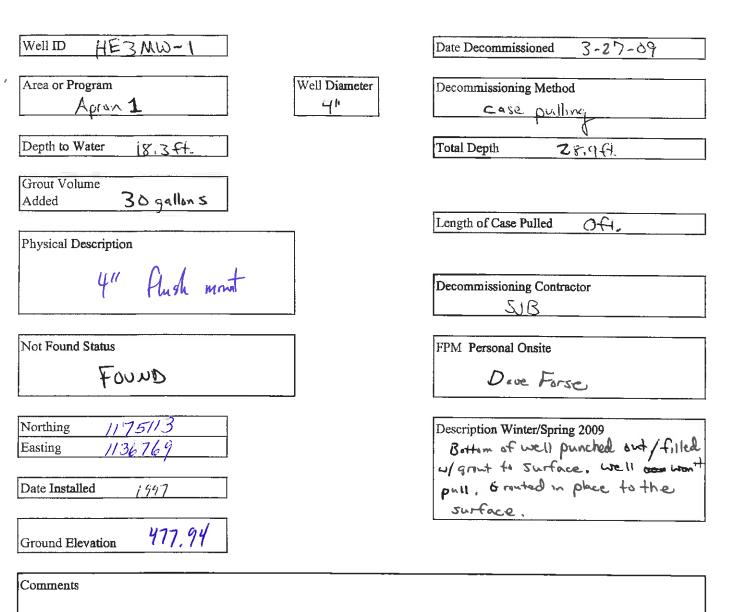


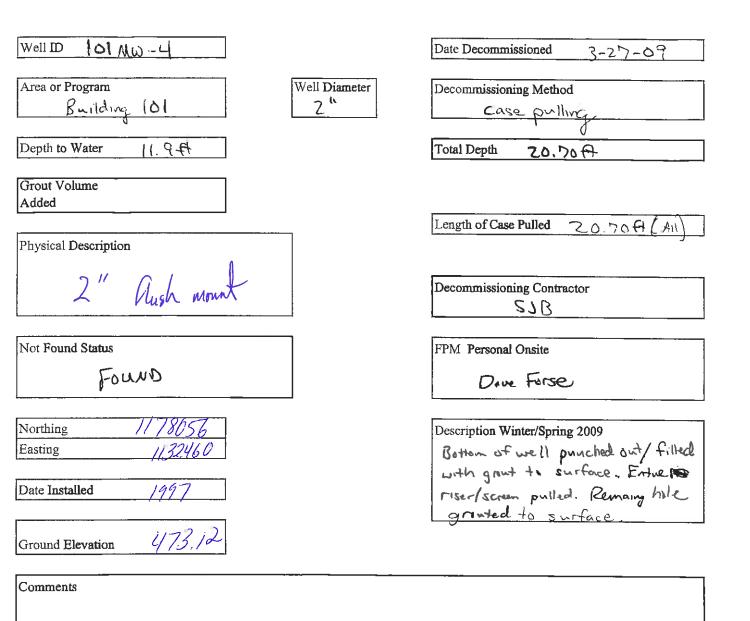


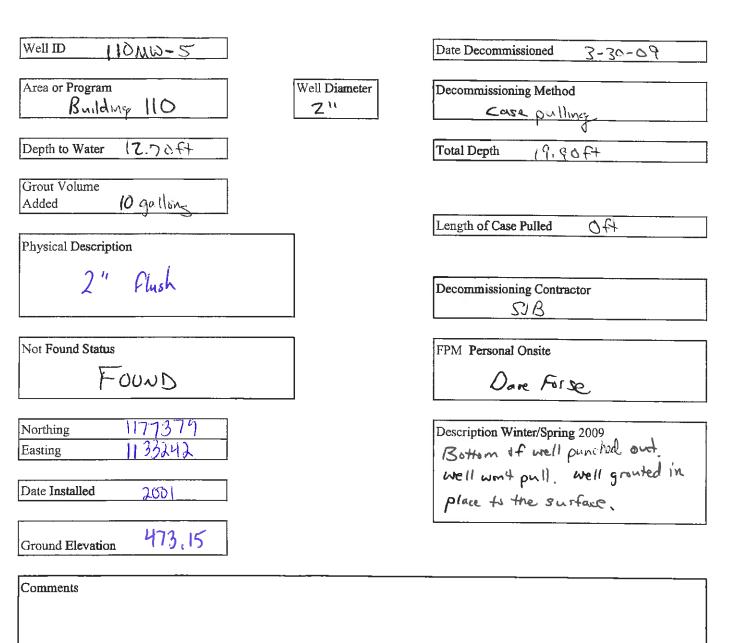


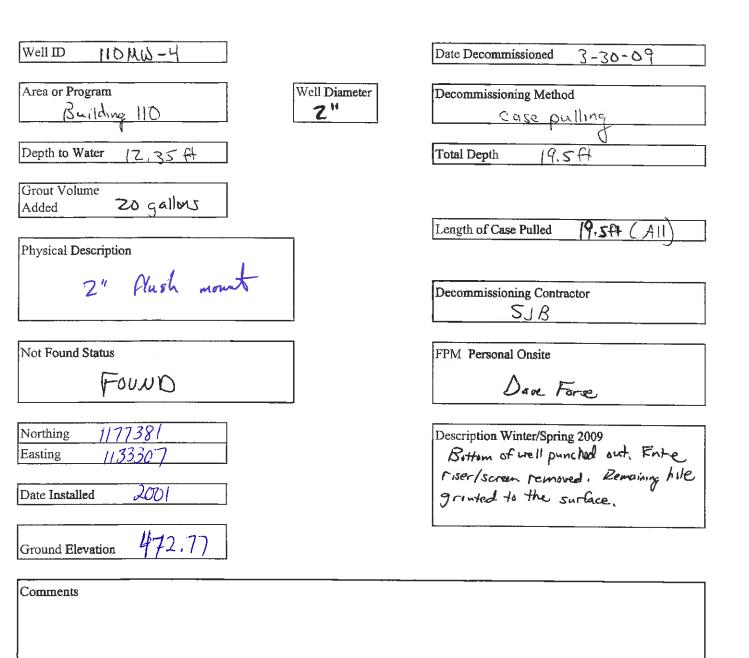


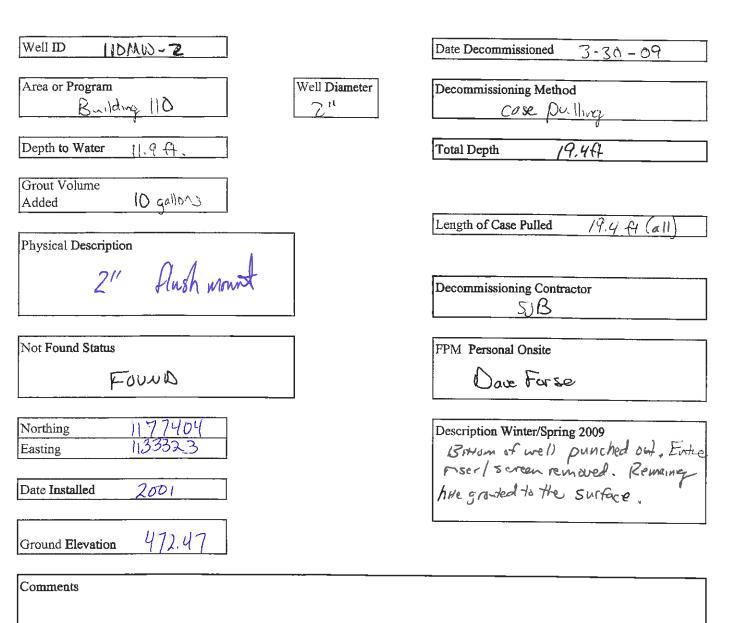


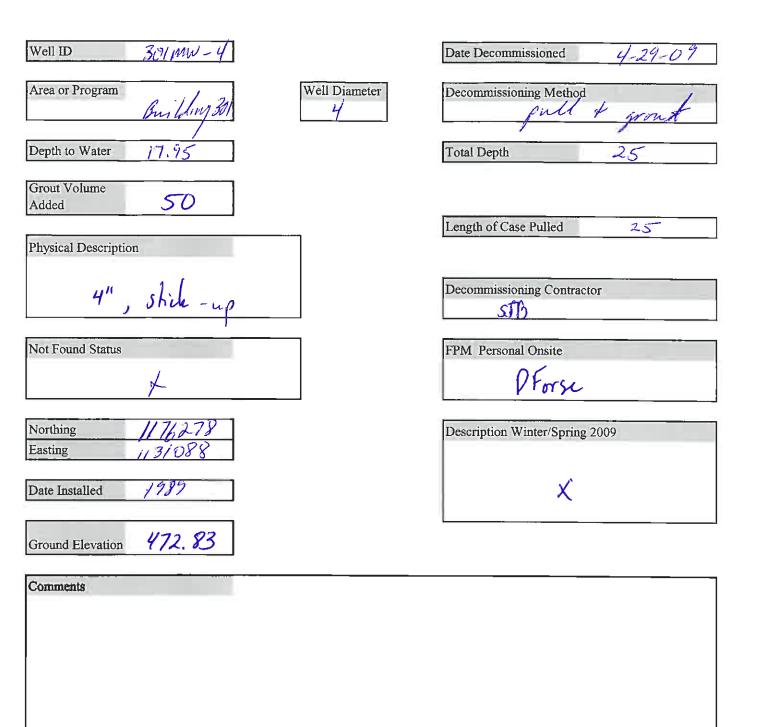


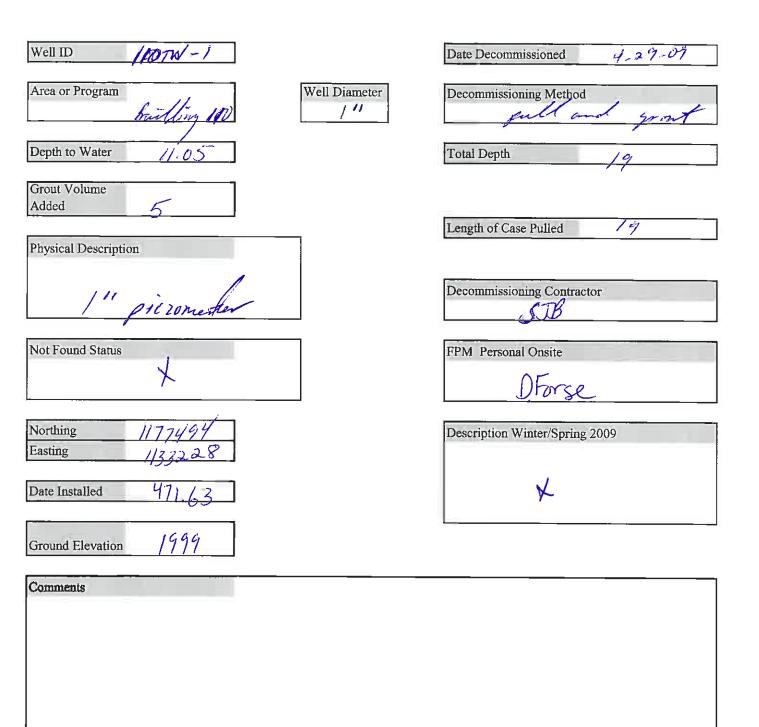


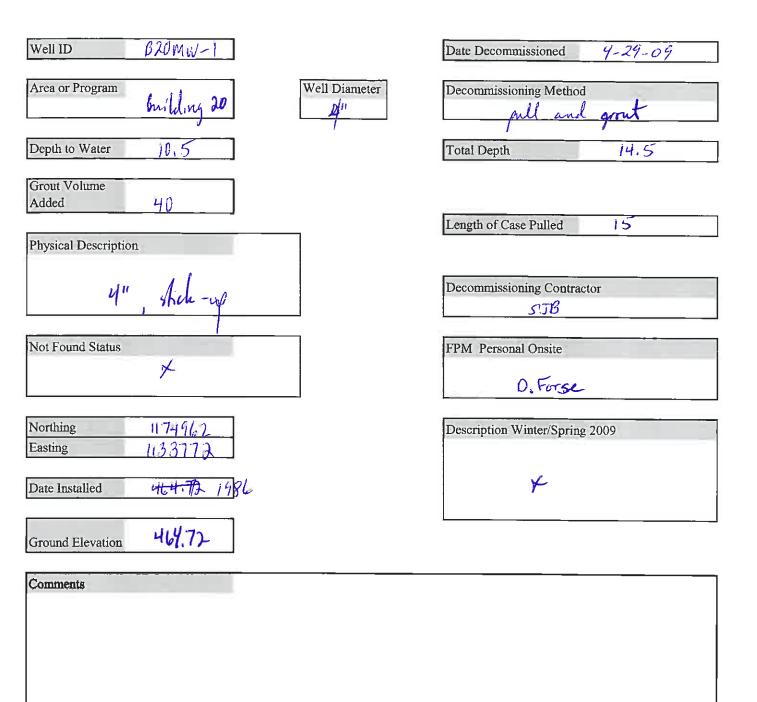


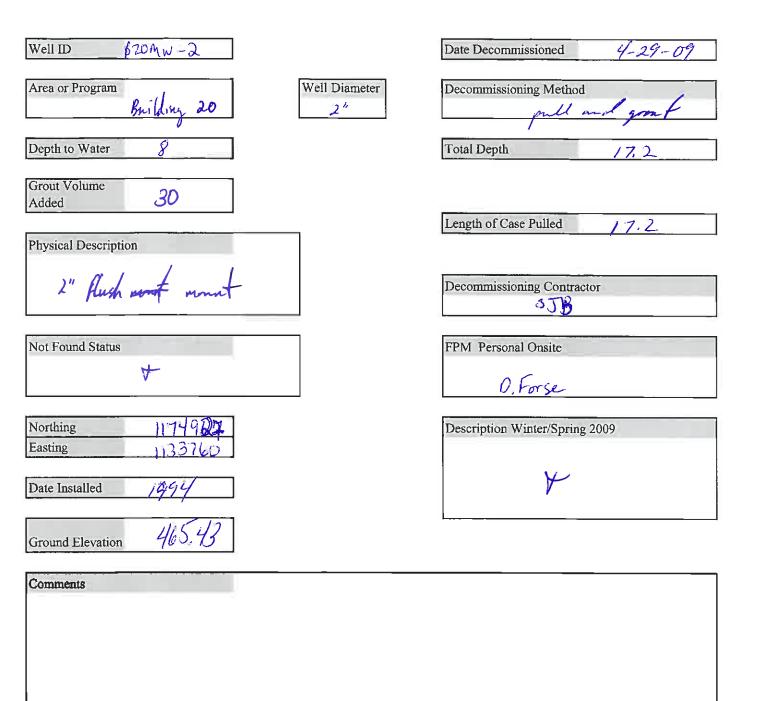


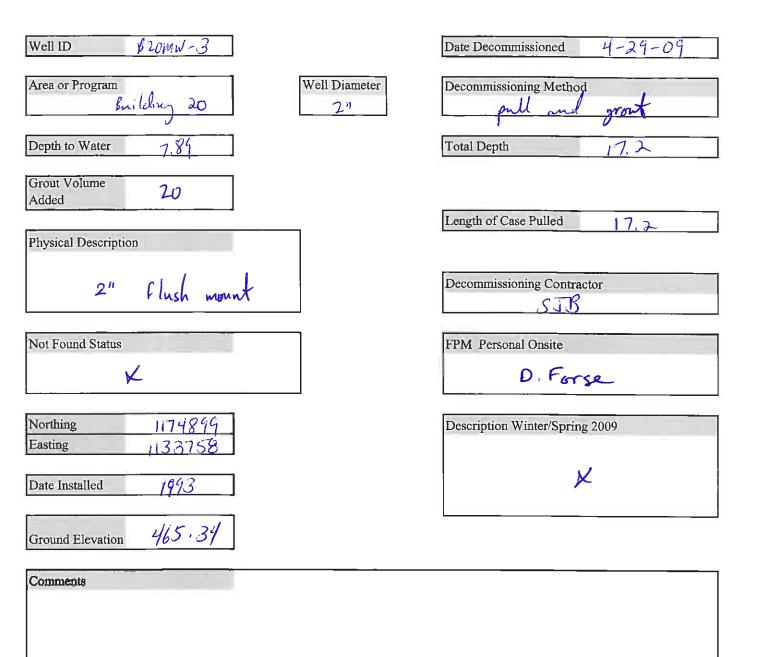


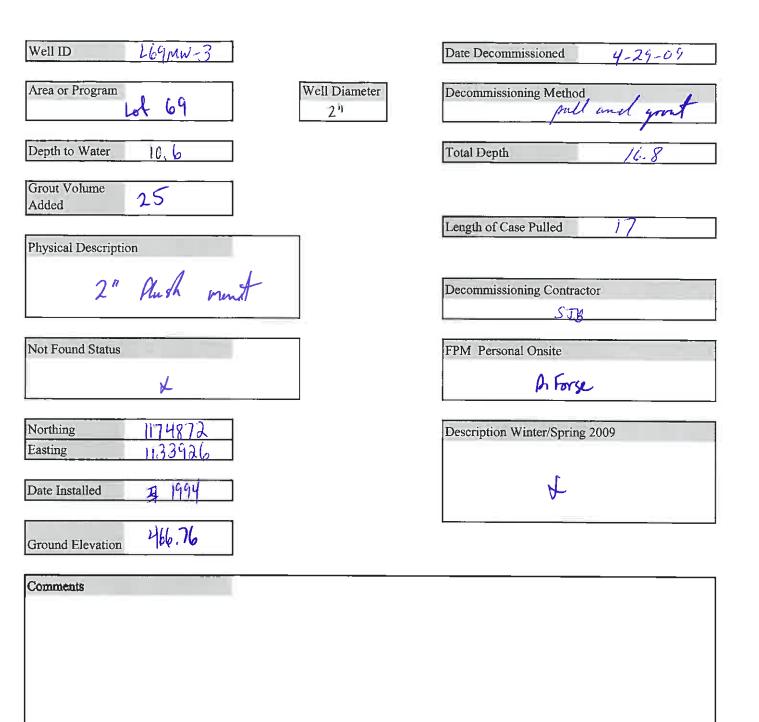


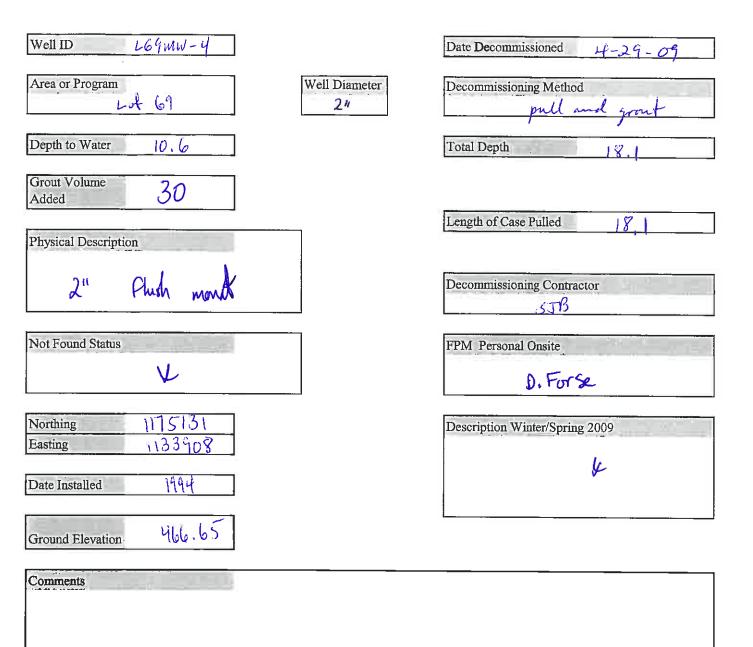


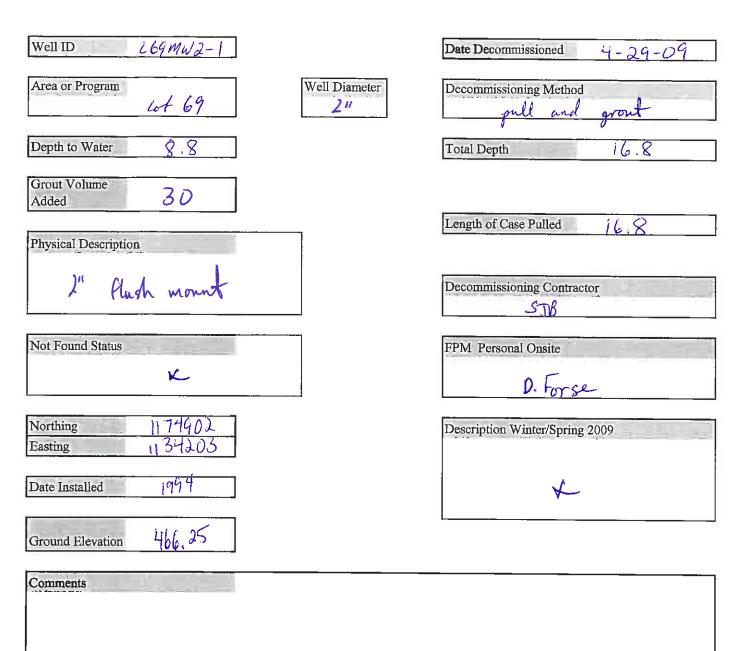


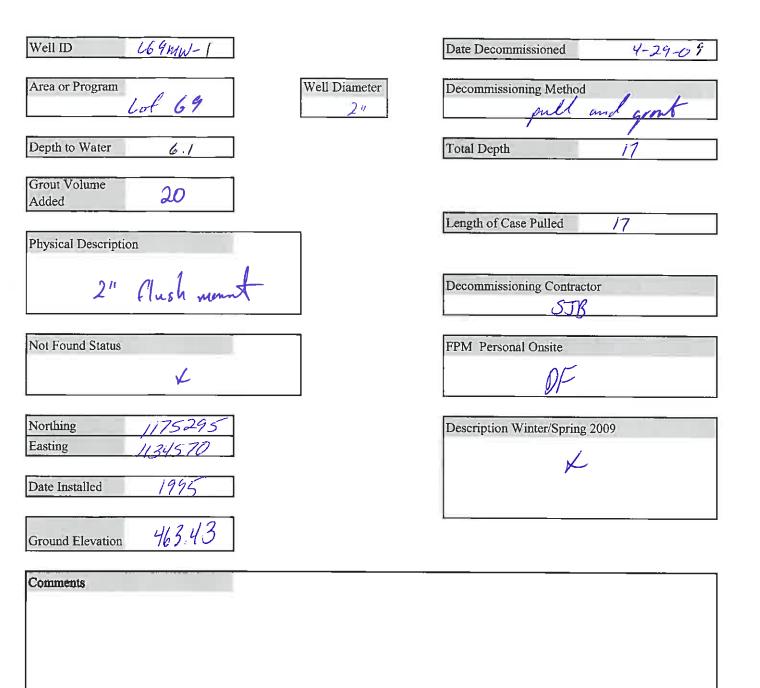




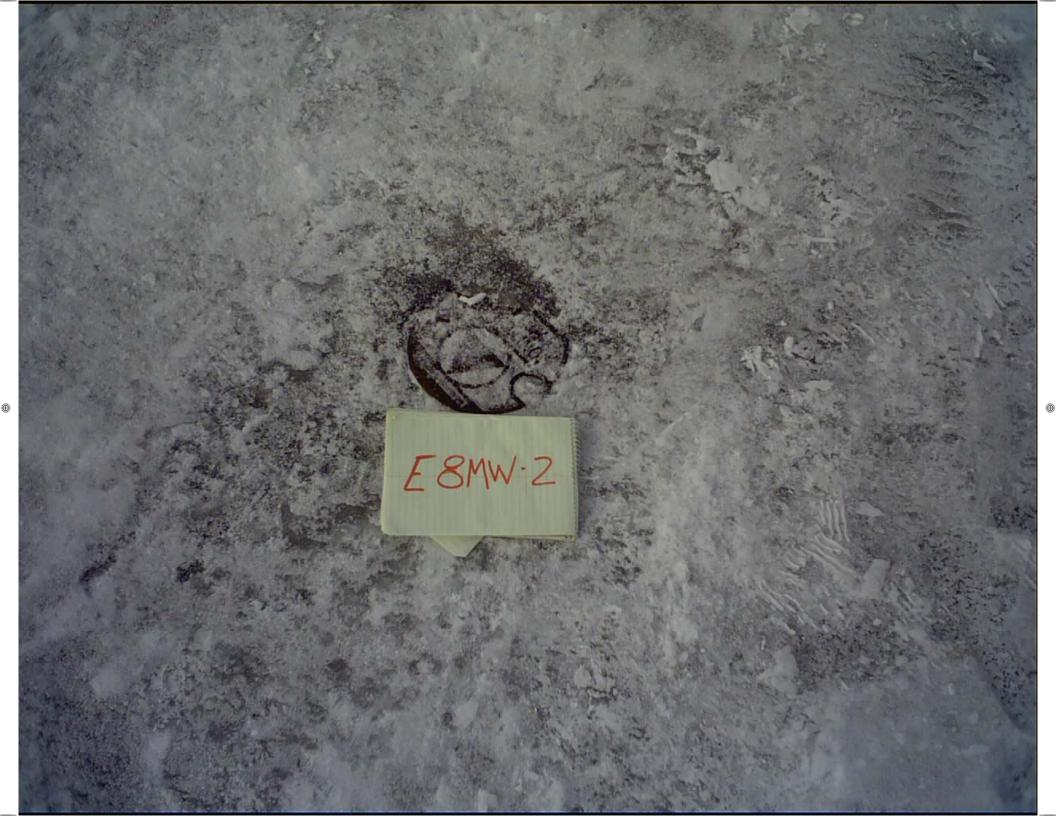








Appendix D Decommissioning Photos













































































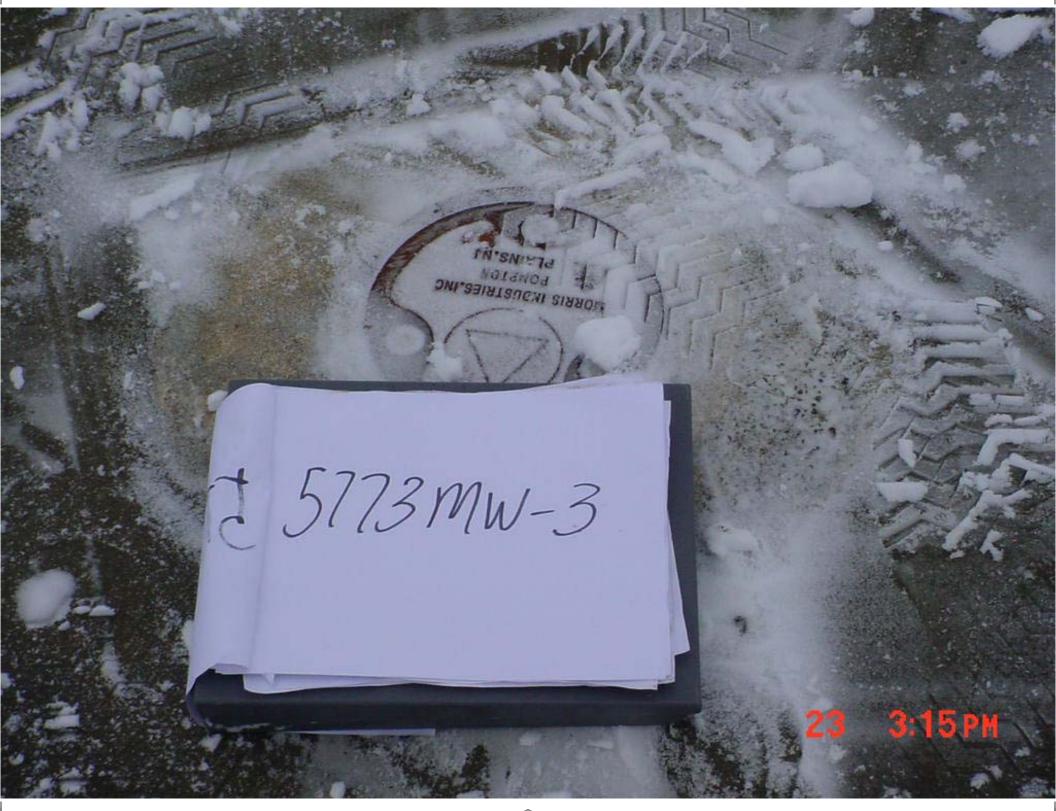


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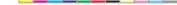






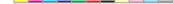


























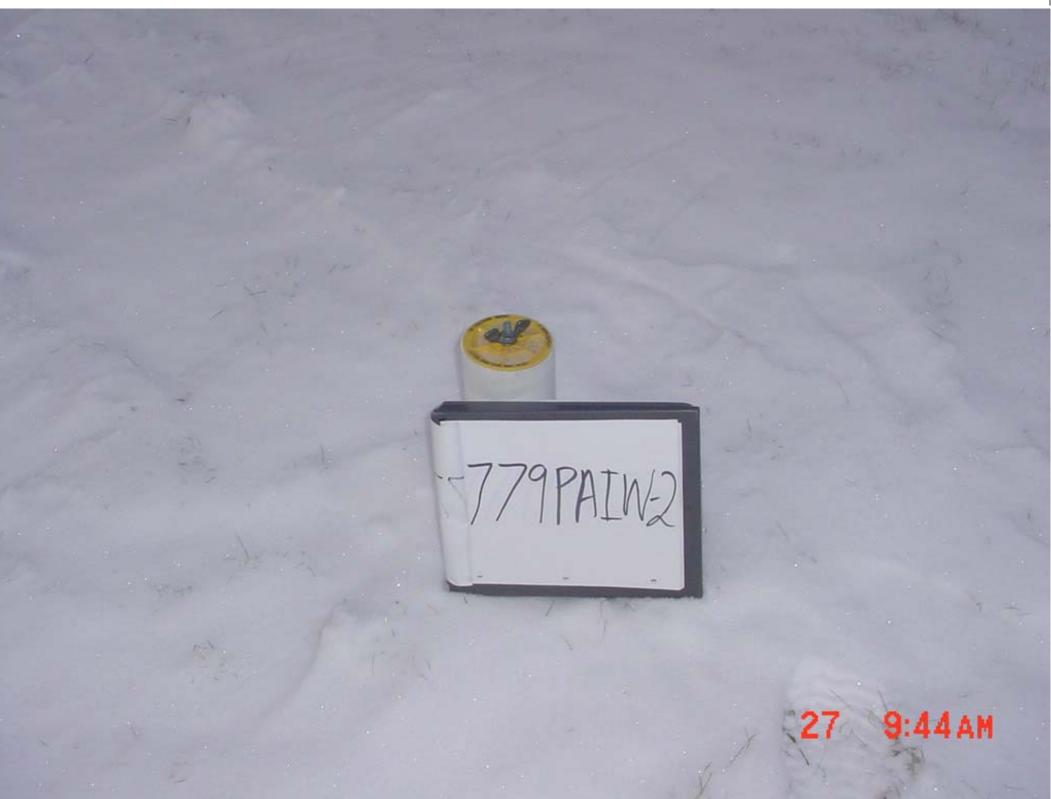




























































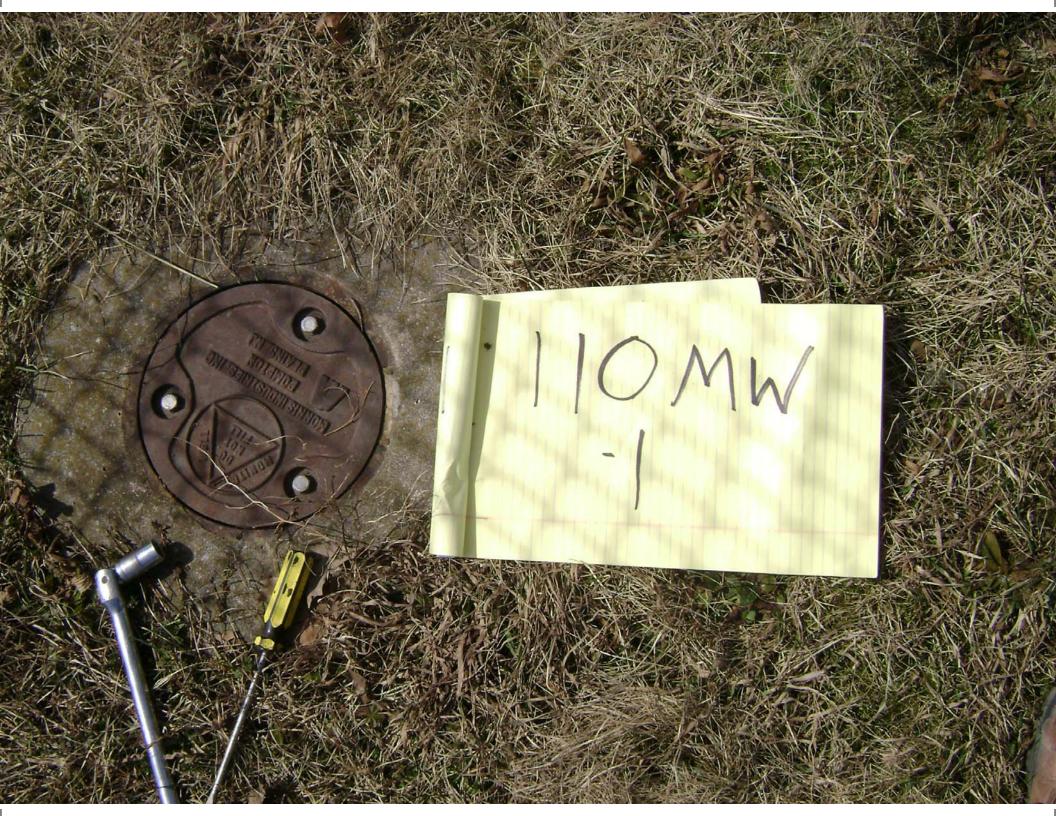




































































Appendix E Basewide Database Remaining LTM/RA-O Wells

Monitoring Wells (LTM-RA-O)

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
AOC 9					
	AOC9-MW08	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	24
	AOC9-MW06	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	18
	AOC9MW-9BR	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	18
	AOC9MW-10BR	Bedrock GW Study	Monitoring Well-LTM/RA-O	Well, flush mount completion.	18
	AOC9MW-11BR	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	18
	AOC9-MW07	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	13

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AOC9-MW05	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	18
AOC 9 OBGW Remediation					
	AOC9MW-16	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	18
	AOC9MW-17	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	18
	AOC9MW-15	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	18
	AOC9MW-14	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	18
AOI 9					
	G009-MW04	Expanded Site Investigation	Monitoring Well-LTM/RA-O	Well, above ground completion.	20

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	G009-MW01	Expanded Site Investigation	Monitoring Well-LTM/RA-O	Well, above ground completion.	14
	G009-MW03	Expanded Site Investigation	Monitoring Well-LTM/RA-O	Well, above ground completion.	13
	G009-MW02	Expanded Site Investigation	Monitoring Well-LTM/RA-O	Well, above ground completion.	13
Apron 1					
	AP1PIW-1	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-8	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-11	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP1PIW-17	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	LE3MW-1	To characterize nature and extent of	Monitoring Well-LTM	Well, above ground completion.	30
	AP1PIW-9	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	LE2MW-1	AOI LTM	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	30
	AP1PIW-7	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-14	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-13	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP1PIW-6	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	HE8MW-2	AOI LTM	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	30
	HE8MW-1	To characterize nature and extent of	Monitoring Well-LTM	Well, flush mount completion, cap does not seal inside casing.	30
	AP1PIW-16	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-19	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-20	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-22	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP1PIW-23	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-24	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-4	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-5	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-12	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PSVMP-6	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1MP-C	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	LE1MW4	To characterize nature and extent of	Monitoring Well-LTM	Well, above ground completion.	33
	AP1MP-A	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1PSVMP-16	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1PSVMP-14	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1PSVMP-13	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1PSVMP-12	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	HE8MW-3	AOI LTM	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP1PSVMP-7	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1MP-D	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1PSVMP-5	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1PSVMP-4	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1PSVMP-3	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1PSVMP-2	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP1PSVMP-1	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP1PIW-15	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-10	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PIW-3	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP1PSVMP-8	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	LE1MW3	To characterize nature and extent of	Monitoring Well-LTM	Well, above ground completion.	23
	782MW-12	AOI LTM	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	30
	782MW-11	AOI LTM	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP1VMP-1	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	30
	AP1VMP-2	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	30
	AP1VMP-3	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	30
	AP1MP-B	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	LE3MW-2	AOI LTM	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	35
	AP1MP-E		RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	LE1MW2	To characterize nature and extent of	Monitoring Well-LTM	Well, above ground completion.	37

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	LE1MW1	To characterize nature and extent of	Monitoring Well-LTM	Well, above ground completion.	51
Apron 2					
	AP2MW-B1N	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	30
	AP2MW-B1E	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	26
	AP2MW-B1S	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	26
	AP2MW-B3N	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	27
	AP2MW-B4N	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	26

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP2MW-3	Remedial Investigation	Monitoring Well-LTM	Well, flush mount completion.	36
	AP2MW-1	Remedial Investigation	Monitoring Well-LTM	Well, flush mount completion.	19
	AP2MW-B3E	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	27
	AP2MW-B4E	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	26
	AP2MW-B3S	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	26
	AP2PIW-1	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2MW-B1NE2	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	31

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP2PIW-12	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2PIW-5	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2PIW-6	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2MW-LD1SW	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	26
	AP2PIW-7	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2PIW-8	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2PSVMP-1	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP2PIW-4	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2PSVMP-14	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PIW-9	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2MW-LD1W	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	26
	AP2MW-LD1SW2	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	29
	AP2PIW-12	Petroleum Spill Site	RA-O/ Bioventing	2" PVC, stick up	30
	AP2VMP-1	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP2VMP-2	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	30
	AP2VMP-3	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	30
	AP2MW-LD1NW	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion.	30
	AP2PIW-10	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2PSVMP-9	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PIW-11	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2PSVMP-2	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP2PSVMP-6	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PSVMP-5	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PSVMP-4	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PSVMP-8	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PSVMP-7	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PSVMP-10	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PSVMP-11	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	AP2MW-B4S	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	26
	AP2PSVMP-12	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PSVMP-13	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PSVMP-15	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30
	AP2PIW-2	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2PIW-3	Bioventing Injection Well	RA-O/ Bioventing	2" PVC, stick-up, no metal casing	30
	AP2PSVMP-3	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
Building 101					
	101MW-1R	AOC LTM	Monitoring Well-LTM	Well, flush mount completion.	23
	101MW-2R	AOC LTM	Monitoring Well-LTM	Well, above ground completion. Well installed after the November	28
	101MW-2	AOC LTM	Monitoring Well-LTM	1998 inspection. Above ground completion. No	27
				protective posts.	
Building 15					
	B15MW-12	Petroleum Spill Site	Monitoring Well-LTM	Well, flush mount	20
	B15MW-11	Petroleum Spill Site	Monitoring Well-LTM	Well, flush mount	20
	B15MW-10	Petroleum Spill Site	Monitoring Well-LTM	Well, flush mount	20

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	B15MW-5	AOC LTM	Monitoring Well-LTM	Well, flush mount completion.	20
	B15MW-6	AOC LTM	Monitoring Well-LTM	Well, flush mount completion.	20
	B15MW-8	AOC LTM	Monitoring Well-LTM	Well, flush mount completion.	20
	B15MW-9	AOC LTM	Monitoring Well-LTM	Well, flush mount completion.	20
Building 3	B3VMW-1	Supplemental Investigations	Monitoring Well-IC	Well, flush mount completion.	20
Building 35	B035MW-4	RCRA Closures	Monitoring Well-LTM	Well, above ground completion, no protective posts.	20

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	B035MW-3	RCRA Closures	Monitoring Well-LTM	Well, above ground completion, no protective posts.	20
	B035MW-1	RCRA Closures	Monitoring Well-LTM	Well, above ground completion, no protective posts.	20
	B035MW-2	RCRA Closures	Monitoring Well-LTM	Well, above ground completion, no protective posts.	20
Building 7001					
Dunung 7001	7001MW-2	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	27
	7001MW-4	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	25
	7001VMW-1	Petroleum Spill Site	Monitoring Well-LTM	Well, flush mount	25

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	7001MW-3	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	26
	7001MW-1	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	26
Building 773					
	773MW-1	JREZ-87-0183 Hydrogeology Study	Monitoring Well-LTM/RA-O	Well, above ground completion.	63
	773MW4	Characterize groundwater contamina	Monitoring Well-LTM/RA-O	Well, flush mount completion.	65
	773MW5	Characterize groundwater contamina	Monitoring Well-LTM/RA-O	Well, flush mount completion.	62
	773MW-3	JREZ-87-0183 Hydrogeology Study	Monitoring Well-LTM/RA-O	Well, above ground completion, fence post at well.	66

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	773MW-2	JREZ-87-0183 Hydrogeology Study	Monitoring Well-LTM/RA-O	Well, above ground completion, upper casing bent. Fence post at well	65
Building 775					
	775MW-6	Supplemental Investigations	Monitoring Well-LTM/RA-O	Well, above ground completion.	80
	775VMW-5	Supplemental Investigations	Monitoring Well-LTM/RA-O	Well, above ground completion.	75
	775-MW20R	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	75
	775-MW20RBR	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	75
	775VMW-9	Supplemental Investigations	Monitoring Well-LTM/RA-O	Well, above ground completion.	101

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	775MW-2	JREZ-87-0183 Hydrogeology Study	Monitoring Well-LTM/RA-O	Well, above ground completion, pump stuck in well.	75
	775VMW-10	Supplemental Investigations	Monitoring Well-LTM/RA-O	Well, above ground completion.	106
	775MW-1	JREZ-87-0183 Hydrogeology Study	Monitoring Well-LTM/RA-O	Well, above ground completion, pump stuck in well, pump does not work.	63
	775VMW-4	Supplemental Investigations	Monitoring Well-LTM/RA-O	Well, above ground completion.	75
	775VMW-25	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Flush mount.	78
	775VMW-14	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	76
	775VMW-15R1	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	105

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	775VMW-24	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	69
	775VMW-16	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	92
	775MW-8	Supplemental Investigations	Monitoring Well-LTM/RA-O	Well, above ground completion.	80
	775-MW20	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	100
	775VMW-23	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	40
	775VMW-20R	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	117
	775VMW-18R	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	100

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	775VMW-11	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	65
Building 775 DBGW					
	775MW-28	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	65
	775MW-27	AOC	Monitoring Well-LTM/RA-O	2" PVC, flush mount	65
Building 781					
	781 M W-2	JREZ-87-0183 Hydrogeology Study	Monitoring Well-LTM	Well, above ground completion, no protective posts.	66
	781MW-3	JREZ-87-0183 Hydrogeology Study	Monitoring Well-LTM	Well, above ground completion, no protective posts.	74
	781MW-19	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	781MW-7	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781MW-8	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781 MW -10	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781 MW -1	JREZ-87-0183 Hydrogeology Study	Monitoring Well-LTM	Well, above ground completion, no protective posts.	67
	781MW-9	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781PVMP-7	Bioventing Soil Vapor Monitoring W	RA-O/ Bioventing	1" PVC, flush mount, 3 vapor monitoring points	65
	781MW-5	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	781MW-4	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781PPRW-1	Petroleum Spill Site	RA-O/ Bioventing	4" PVC Monitoring well. Stick up.	65
	781PPRW-2	Petroleum Spill Site	RA-O/ Bioventing	4" PVC Monitoring well. Stick up.	65
	781PPRW-3	Petroleum Spill Site	RA-O/ Bioventing	4" PVC Monitoring well. Stick up.	65
	781PPRW-4	Petroleum Spill Site	RA-O/ Bioventing	4" PVC Monitoring well. Stick up.	65
	781PAIW-1	Bioventing Injection Well	RA-O/ Bioventing	4" PVC Air Injection Well. Stick up.	65
	781PVMP-1	Petroleum Spill Site	RA-O/ Bioventing	1" Soil Vapor Monitoring Point. Flush Mount.	65

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	781PVMP-2	Petroleum Spill Site	RA-O/ Bioventing	1" Soil Vapor Monitoring Point. Flush Mount.	65
	781PVMP-3	Petroleum Spill Site	RA-O/ Bioventing	1" Soil Vapor Monitoring Point. Flush Mount.	65
	781PPRW-5	Free-Product Recovery Well	RA-O/ Free Product Recovery	4" PVC, stick-up, no metal casing	65
	781MW-17	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781PAIW-2	Bioventing Injection Well	RA-O/ Bioventing	4" PVC, stick-up, no metal casing	65
	781MW-11	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781PPRW-7	Free-Product Recovery Well	RA-O/ Free Product Recovery	4" PVC, stick-up, no metal casing	65

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	781PPRW-8	Free-Product Recovery Well	RA-O/ Free Product Recovery	4" PVC, stick-up, no metal casing	65
	781MW-20	Petroleum Spill Site	Monitoring Well-LTM	2" PVC, stick up	65
	781MW-21	Petroleum Spill Site	Monitoring Well-LTM	2" PVC, stick up	65
	781MW-6	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781MW-18	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781MW-16	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781MW-15	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	781MW-14	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781MW-13	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781MW-12	Petroleum Spill Site	Monitoring Well-LTM	2 IN. PVC Monitoring Well. Above ground completion.	65
	781PPRW-6	Free-Product Recovery Well	RA-O/ Free Product Recovery	4" PVC, stick-up, no metal casing	65
Building 782					
	782MW-1	Remedial Investigation	Monitoring Well-LTM/RA-O	Well, flush mount completion	25
	782MW-6D	Chlorinated Plume	Monitoring Well-LTM	Well, above ground completion.	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	782MW-9	Chlorinated Plume	Monitoring Well-LTM	Well, flush mount completion (steel cover with one bolt in the center).	30
	782MW-10	Chlorinated Plume	Monitoring Well-LTM	Well, flush mount completion (steel cover with one bolt in the center).	35
	782MW-6R2	Supplemental Investigations	Monitoring Well-LTM	Well, above ground completion.	38
	782MW-1R	Remedial Investigation	Monitoring Well-LTM	Well, flush mount completion.	19
	782MW-2	Remedial Investigation	Monitoring Well-LTM	Well, flush mount completion.	23
	782MW-3	Remedial Investigation	Monitoring Well-LTM/RA-O	Well, flush mount completion.	19
	782MW-3R	Remedial Investigation	Monitoring Well-LTM	Well, flush mount completion.	33

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	782MW-4	Remedial Investigation	Monitoring Well-LTM/RA-O	Well, flush mount completion.	22
	782MW-4R	Remedial Investigation	Monitoring Well-LTM	Well, flush mount completion.	31
	782MW-5	Supplemental Investigations	Monitoring Well-LTM	Well, flush mount completion, buried under stockpiled soil, 10/22/98.	30
Building 782 RI	ŗ				
	782VMW-85	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	44
	782VMW-78	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	48
	782VMW-76	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	46

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	782VMW-93	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	41
	782VMW-96	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	44
	782VMW-94	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	46
	782VMW-83	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	37
	782VMW-89	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	44
	782VMW-86	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	41
	782VMW-90	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	36

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	782VMW-95	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	40
	782VMW-92	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	41
	782VMW-91	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	33
	782VMW-77	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	40
	782VMW-82	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	48
	782VMW-81	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	50
	782VMW-80	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	40

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	782VMW-105B	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	46
	782VMW-104	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	34
	782VMW-98	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	34
	782VMW-88	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	34
	782VMW-101	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	28
	782VMW-97	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	39
	782VMW-102	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	25

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	782VMW-99	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	39
	782VMW-84	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	48
	782VMW-87	Chlorinated Plume RI	Monitoring Well-LTM	Well, flush mount completion.	42
	782VMW-100	Chlorinated Plume RI	Monitoring Well-LTM	Well, above ground completion with concrete pad and four protective posts.	31
Building 786	786MW-16	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	25
	786MW-4	Remedial Investigation	Monitoring Well-LTM	Well, flush mount completion.	26

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	786MW-15	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	25
	786MW-30	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	21
	786MW-31	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	30
	786TW-12	Petroleum Spill Site	Monitoring Well-LTM	Piezometer, flush mount completion (steel cover with one bolt in the center).	25
	786TW-11	Petroleum Spill Site	Monitoring Well-LTM	Piezometer, flush mount completion (steel cover with one bolt in the center).	24
	786MW-26R	AOC LTM	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion,	35
	786MW-1	Waste Oil Storage Tank Investigation	Monitoring Well-LTM	Well, above ground completion.	33

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	786MW-2	Waste Oil Storage Tank Investigation	Monitoring Well-LTM	Well, flush mount completion.	27
	786MW-3	Waste Oil Storage Tank Investigation	Monitoring Well-LTM	Well, flush mount completion.	23
	786MW-14	Petroleum Spill Site	Monitoring Well-LTM	Piezometer, flush mount completion (steel cover with one bolt in the center).	25
	786TW-21	Petroleum Spill Site	Monitoring Well-LTM	Piezometer, flush mount completion (steel cover with one bolt in the center).	21
	786TW-20	Petroleum Spill Site	Monitoring Well-LTM	Piezometer, flush mount completion (steel cover with one bolt in the center).	21
	786MW-32	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	26

Building 789

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	789MW-96	Petroleum Spill Site	Monitoring Well-LTM	4" PVC Monitoring well. Above ground completion, four protective posts.	30
	789RW-202	Free-Product Recovery Well	RA-O/ Free Product Recovery	Well, flush mount completion	30
	789RW-211	Free-Product Recovery Well	RA-O/ Free Product Recovery	6" PVC, flush mount	30
	789MW-83	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Flush mount completion.	30
	789MW-64	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	28
	789MW-99	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	30
	789MW-97	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	789MW-134	Petroleum Spill Site	Monitoring Well-LTM	Well, flush mount completion	35
	789MW-46R	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	30
	789RW-205	Petroleum Spill Site	RA-O/ Free Product Recovery	Well, flush mount completion	30
	789RW-200	Free-Product Recovery Well	RA-O/ Free Product Recovery	Well, flush mount completion	30
	789RW-201	Free-Product Recovery Well	RA-O/ Free Product Recovery	Well, flush mount completion	30
	AP2MW-4	Petroleum Spill Site	Monitoring Well-LTM	Well, flush mount completion (steel cover with one bolt in the center).	28
	789MW-98	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	28

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	789MW-135	Petroleum Spill Site	Monitoring Well-LTM	Well, flush mount completion.	35
	789MW-95	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	25
	789MW-101	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	19
	789MW-100	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	26
	789MW-63R	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	25
	789RW-209	Free-Product Recovery Well	RA-O/ Free Product Recovery	Well, flush mount completion	30
	789RW-212	Free-Product Recovery Well	RA-O/ Free Product Recovery	6" PVC, stick-up	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	789RW-213	Free-Product Recovery Well	RA-O/ Free Product Recovery	6" PVC, stick-up	30
	789RW-204	Free-Product Recovery Well	RA-O/ Free Product Recovery	Well, flush mount completion	30
	AP2MW-14	Petroleum Spill Site	Monitoring Well-LTM	Well, flush mount completion (steel cover with one bolt in the center).	28
	789RW-203	Free-Product Recovery Well	RA-O/ Free Product Recovery	Well, flush mount completion.	30
	789MW-103	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	17
	789MW-102	Petroleum Spill Site	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion, four protective posts.	20
	789RW-207	Free-Product Recovery Well	RA-O/ Free Product Recovery	Well, flush mount completion	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	789RW-206	Free-Product Recovery Well	RA-O/ Free Product Recovery	Well, flush mount completion	30
	789VMP-1	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	30
	789VMP-2	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	30
	789VMP-3	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	30
	789RW-210	Free-Product Recovery Well	RA-O/ Free Product Recovery	6" PVC, flush mount	30
	789RW-208	Free-Product Recovery Well	RA-O/ Free Product Recovery	Well, flush mount completion	30

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Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	817IW-8	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	20
	817IW-2	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	20
	817MW-3	AOC	Monitoring Well-LTM/RA-O	1" PVC, stick-up	20
	817MW-2	AOC	Monitoring Well-LTM/RA-O	1" PVC, stick-up	20
	817IW-4	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	20
	817IW-1	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	20
	817MW-1	AOC	Monitoring Well-LTM/RA-O	1" PVC, stick-up	20

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	817IW-3	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	20
	817IW-5	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	20
	817IW-6	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	20
	817IW-7	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	20
Bulk Fuel					
Storage Area	BFSAVMP-9	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	15
	BFSMW-3	JREZ-87-0183 Supplemental Soil G	a Monitoring Well-LTM	Well, above ground completion, concrete pad poorly constructed.	25

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	BFSAVMP-8	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	15
	BFSMW-1	JREZ-87-0183 Supplemental Soil Ga	Monitoring Well-LTM	Well, above ground completion, pad broken in pieces.	25
	BFSMW-1A	JREZ-87-0183 Supplemental Soil Ga	Monitoring Well-LTM	Well, above ground completion, pad broken in pieces.	14
	BFSMW-2	JREZ-87-0183 Supplemental Soil Ga	Monitoring Well-LTM	Well, above ground completion, concrete pad broken.	25
	BFSAMW-11	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion.	25
	BFSAMW-16	Petroleum Spill Site	Monitoring Well-LTM	4" PVC, stick up	25
	BFSAVMP-1	Soil Vapor Monitoring Well	RA-O/ Biosparging	1" PVC, flush mount, 3 vapor monitoring points	15

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	BFSAVMP-5	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	15
	BFSAVMP-6	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	15
	BFSAMW-10	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion.	25
	BFSMW-3A	JREZ-87-0183 Supplemental Soil Ga	Monitoring Well-LTM	Well, above ground completion, concrete pad poorly constructed.	14
	BFSAMW-12	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion.	25
	BFSAMW-13	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion.	25
	BFSAMW-14	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion.	25

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	BFSAMW-15	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion.	25
	BFSA-RWT1	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion.	14
	BFSA-RWT2	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion.	14
	BFSMW-4	Source Removal Predesign Investigat	Monitoring Well-LTM	Well, above ground completion.	19
	BFSMW-5	Petroleum Spill Site	Monitoring Well-LTM	2" PVC	15
	BFSMW-6	Petroleum Spill Site	Monitoring Well-LTM	2" PVC	17
	BFSMW-7	Petroleum Spill Site	Monitoring Well-LTM	2" PVC	18

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	BFSMW-8	Petroleum Spill Site	Monitoring Well-LTM	2" PVC	16
	BFSMW-9	Petroleum Spill Site	Monitoring Well-LTM	2" PVC	17
	BFSAVMP-4	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	15
	BFSAVMP-7	Soil Vapor Monitoring Point	RA-O/ Biosparging	1" PVC, flush mount	15
	BFSAVMP-2	Soil Vapor Monitoring Well	RA-O/ Biosparging	1" PVC, flush mount, 3 vapor monitoring points	15
	MWBCF-3	Oil Storage Facility License USAF C	Monitoring Well-LTM	Well, above ground completion, concrete pad heaved.	16
	BFSA-RWT3	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion.	16

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	MWBCF-2	Oil Storage Facility License USAF C	Monitoring Well-LTM	Well, above ground completion, cap broken.	14
Fire Protection Training Area	ANGMW-1	Spill No.: 9510187	Monitoring Well-LTM	Well, flush mount completion.	25
Hardfill 49d	MW49D07	Predesign Investigation at Hardfills 4	Monitoring Well-LTM	Well, above ground completion.	20
Landfill 1	LF1P-3	IRP Phase II -Problem Confirmation	Monitoring Well-LTM	Bedrock well, above ground completion, with sliding steel plate as locking lid.	20
	LF1MW-12	AOC LTM Program	Monitoring Well-LTM	Well, above ground completion, concrete pad and bollards	20

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	LF1P-5	IRP Phase II -Problem Confirmation	Monitoring Well-LTM	Well, above ground completion, with sliding steel plate as locking lid.	20
	LF1MW-14	AOC LTM	Monitoring Well-LTM	Well, above ground completion.	20
	LF1P-2	IRP Phase II -Problem Confirmation	Monitoring Well-LTM	Well, above ground completion, with sliding steel plate as locking lid.	3
	LF1MW-6	IRP Phase II -Problem Confirmation	Monitoring Well-LTM	Bedrock well, above ground completion, concrete pad broken.	20
	LF1MW-5	IRP Phase II -Problem Confirmation	Monitoring Well-LTM	Well, above ground completion, concrete pad broken.	20
	LF1MW-11	AOC LTM Program	Monitoring Well-LTM	Well, above ground completion, concrete pad and bollards	20
	LF1MW-13	AOC LTM Program	Monitoring Well-LTM	Well, above ground completion, concrete pad and bollards	24

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	LF1MW-1R	AOC LTM	Monitoring Well-LTM	Well, above ground completion.	20
	LF1MW-103	AOC LTM	Monitoring Well-LTM	2" Monitoring well. Above ground completion	40
	LF1MW-10	AOC LTM Program	Monitoring Well-LTM	Well, above ground completion, concrete pad and bollards	24
Landfill 2/3					
	LF2MW-4	Remedial Investigation	Monitoring Well-LTM	Well, above ground completion.	41
	LF2MW-100	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	70
	LF2MW-14	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	21

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	LF2MW-13	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	17
	LF2MW-12	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	23
	LF2MW2-1	IRP Phase II -Problem Confirmation	Monitoring Well-LTM	Well, above ground completion.	36
Landfill 5					
	LF5MW-100R	AOC LTM	Monitoring Well-LTM	Well, above ground completion.	40
	LF5MW-1A	AOC LTM	Monitoring Well-LTM	Well, above ground completion. Well installed after the November 1998 inspection.	29
	LF5MW-100	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	74

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	LF5MW-3	Remedial Investigation	Monitoring Well-LTM	Well, above ground completion, protective post loose.	18
	LF5MW-5	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	17
Landfill 6					
	LF6VMW-26	AOC LTM	Monitoring Well-LTM	2" PVC, stick up	37
	LF6VMW-20	AOC LTM	Monitoring Well-LTM/RA-O	Well, above ground completion.	37
	LF6VMW-19	AOC LTM	Monitoring Well-LTM/RA-O	Well, above ground completion.	37
	LF6VMW-17D	AOC LTM	Monitoring Well-LTM	Well, above ground completion.	37

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	LF6VMW-14	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	57
	LF6VMW-17S	AOC LTM	Monitoring Well-LTM	Well, above ground completion.	37
	LF6VMW-23	AOC LTM	Monitoring Well-LTM	Well, above ground completion.	37
	LF6VMW-25	AOC LTM	Monitoring Well-LTM	Well, above ground completion.	37
	LF6MW-1	Remedial Investigation	Monitoring Well-LTM/RA-O	Well, above ground completion.	126
	LF6VMW-18	AOC LTM	Monitoring Well-LTM/RA-O	Well, above ground completion.	37
	TMC-USGS-2	Preliminary Investigation of Three M	Monitoring Well-LTM/RA-O	Piezometer, stick-up, with locking cover but without steel protective casing.	33

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	LF6VMW-15R	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	44
	LF6VMW-21	AOC LTM	Monitoring Well-LTM	Well, above ground completion.	37
	LF6VMW-22	AOC LTM	Monitoring Well-LTM	Well, above ground completion.	37
	LF6VMW-24	AOC LTM	Monitoring Well-LTM	Well, above ground completion.	37
	LF6VMW-13R	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	37
	LF6VMW-10R2	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	37
	LF6MW-12	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	37

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	LF6MW-14BR	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	37
	TMCMW-9	IRP Phase II -Problem Confirmation	Monitoring Well-LTM/RA-O	Well, above ground completion, locking cover is only steel plate.	28
Landfill 6 TCE					
2414911 0 1 02	LF6MW-27	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	37
	LF6MW-28	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	37
	LF6MW-13RD	AOC	Monitoring Well-LTM/RA-O	2" PVC, stick-up	37
Landfill 7					
	LF7MW-22	Remedial Investigation	Monitoring Well-LTM	Well, above ground completion.	16

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	LF7MW-100	AOC LTM	Monitoring Well-LTM	Well, above ground completion. Well installed after the November 1998 inspection.	48
	LF7MW-30	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	15
	LF7MW-23	Remedial Investigation	Monitoring Well-LTM	Well, above ground completion.	19
	LF7MW-26	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	19
	LF7MW-27	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	17
	LF7MW-28	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	12
	LF7MW-29	AOC LTM	Monitoring Well-LTM	2" SS Monitoring well. Above ground completion, four protective posts.	26

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
RI - On Base					
	LAWMW-9	Remedial Investigation	Monitoring Well-IC	Well, above ground completion.	22
	LAWMW-19	Remedial Investigation	Monitoring Well-IC	Well, above ground completion.	58
Small Arms Range	MWSAR03	Predesign Investigation at Hardfills 4	Monitoring Well-LTM	Well, above ground completion, concrete pad and protective posts eroded underneath.	27
Tank Farms 1 and 3	TF3MW-2	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion, 4 protective posts.	24
	TF3MW-117	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion, concrete pad, three protective posts.	23

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	TF3MW-116	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion, concrete pad, three protective posts.	24
	TF3MW-123	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion, concrete pad, three protective posts.	23
	TF3MW-124	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion, concrete pad, three protective posts.	25
	TF3MW-130	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion, concrete pad, three protective posts.	24
	TF3MW-27	IRP Phase II -Confirmation/Quantific	Monitoring Well-LTM	Well, above ground completion, lid of protective cover should be replaced.	29
	TF3MW-21	IRP Phase II -Confirmation/Quantific	Monitoring Well-LTM	Well, above ground completion.	29
	TF3-CE3	IRP Phase II -Confirmation/Quantific	Monitoring Well-LTM	Well, above ground completion.	30

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	TF3MW-129	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion, concrete pad, three protective posts.	26
	TF3MW-119R	AOC LTM	Monitoring Well-LTM	Well, flush mount	30
	TF3MW-132	AOC LTM	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion,	30
	TF3MW-121R	AOC LTM	Monitoring Well-LTM	Well, flush mount	30
	TF3MW-131	AOC LTM	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion	30
	TF3MW-128	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion, concrete pad, three protective posts.	23
	TF3MW-126	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion, concrete pad, three protective posts.	24

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	TF3MW-133	AOC LTM	Monitoring Well-LTM	2" PVC Monitoring well. Above ground completion,	30
	TF3MW-127	Petroleum Spill Site	Monitoring Well-LTM	Well, above ground completion, concrete pad, three protective posts.	22
Three Mile Cree	ek				
	TMC-USGS-10	Preliminary Investigation of Three M	Monitoring Well-LTM/RA-O	Piezometer, stick-up, with locking cover but without steel protective casing.	18
	TMC-USGS-1	Preliminary Investigation of Three M	Monitoring Well-LTM/RA-O	Piezometer, stick-up, with locking cover but without steel protective casing.	27
Weapons Storage Area	WSAMW-12BR	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	40
	WSAMW-11BR	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	40

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	WSA-MW17		Monitoring Well-LTM/RA-O	Well, above ground completion.	22
	WSAMW-4	Remedial Investigation	Monitoring Well-LTM/RA-O	Well, above ground completion.	22
	WSAMW-3	Remedial Investigation	Monitoring Well-LTM/RA-O	Well, above ground completion.	22
	WSAMW-10	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	22
	WSAMW-1	Remedial Investigation	Monitoring Well-LTM/RA-O	Well, above ground completion. Located 250' north of fence.	35
	WSAMW-14BR	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	40
	WSAMW-9	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	12

Area/Program	Well ID	Well Purpose	Well Use Status	Physical Description	Total Depth
	WSAMW-11	AOC	Monitoring Well-LTM/RA-O	Well, above ground completion.	17
	WSAMW-13BR	Bedrock GW Study	Monitoring Well-LTM/RA-O	2" PVC Monitoring well. Above ground completion	40
	WSAMW-8	AOC	Monitoring Well-LTM/RA-O	2 IN. PVC Monitoring Well. Above ground completion, three protective posts.	18
	WSAMW-2	Remedial Investigation	Monitoring Well-LTM/RA-O	Well, above ground completion.	20