JW

NORTHWEST ENVIRONMENTAL SERVICES, INC.

March 25, 2014

Mr. Doug Glackin
Superintendent
Woodbury Central Community School District
408 S. 4th Street
Moville Iowa 51039

Mr. Pat Benjamin
7 Moville Blacktop
P.O. Box 25
Climbing Hill, IA 51015

Subject: Semi-annual Interim Sampling

Woodbury Central Community School District Shop Building
Climbing Hill, Iowa
Reg. No. 8811618, LUST No. 7LTV89

Former Service Station
Climbing Hill, Iowa
Reg. No. 9217516, LUST No. 8LTU14

Dear Mr. Glackin and Mr. Benjamin:

This correspondence provides the semi-annual interim report which includes the 1st quarter 2014 sampling results of both drinking water wells (DWW) and non-drinking water wells (NDWW) that include the Bank Well, Benjamin Well, School Well, Lloyd Well, Church Well, Hancock Well, East Association Well, and West Association Well. As previously reported, the Garvey well has been plugged and is no longer sampled. The well locations are illustrated in the attached Site Vicinity Map and the Well Description and Designations are provided in Table 1.

The groundwater analytical results are provided in the attached SMR Groundwater Analytical Data Table and the laboratory report is provided as Attachment A. A well search report is provided as Attachment B. The samples were analyzed for BTEX/MTBE by the OA-1 method and for TEH-diesel and TEH-waste oil by the OA-2 method. As indicated in the attached SMR Groundwater Analytical Data Table and the analytical reports, chemicals of concern were not detected in any of these samples.

The next round of sampling is scheduled for this September and will include both the water supply wells sampled during this monitoring event and the nine monitoring wells that were sampled in September 2013. Although the deeper monitoring well MW-6 located near MW-16 is part of the

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current monitoring plan, MW-6 is no longer present and will not be sampled. If you have any questions regarding this report, please contact my office at 712-756-4732.

Sincerely,

Grant Nelson
Certified Groundwater Professional

cc: Jeff White, IDNR,
Cunningham Lindsey

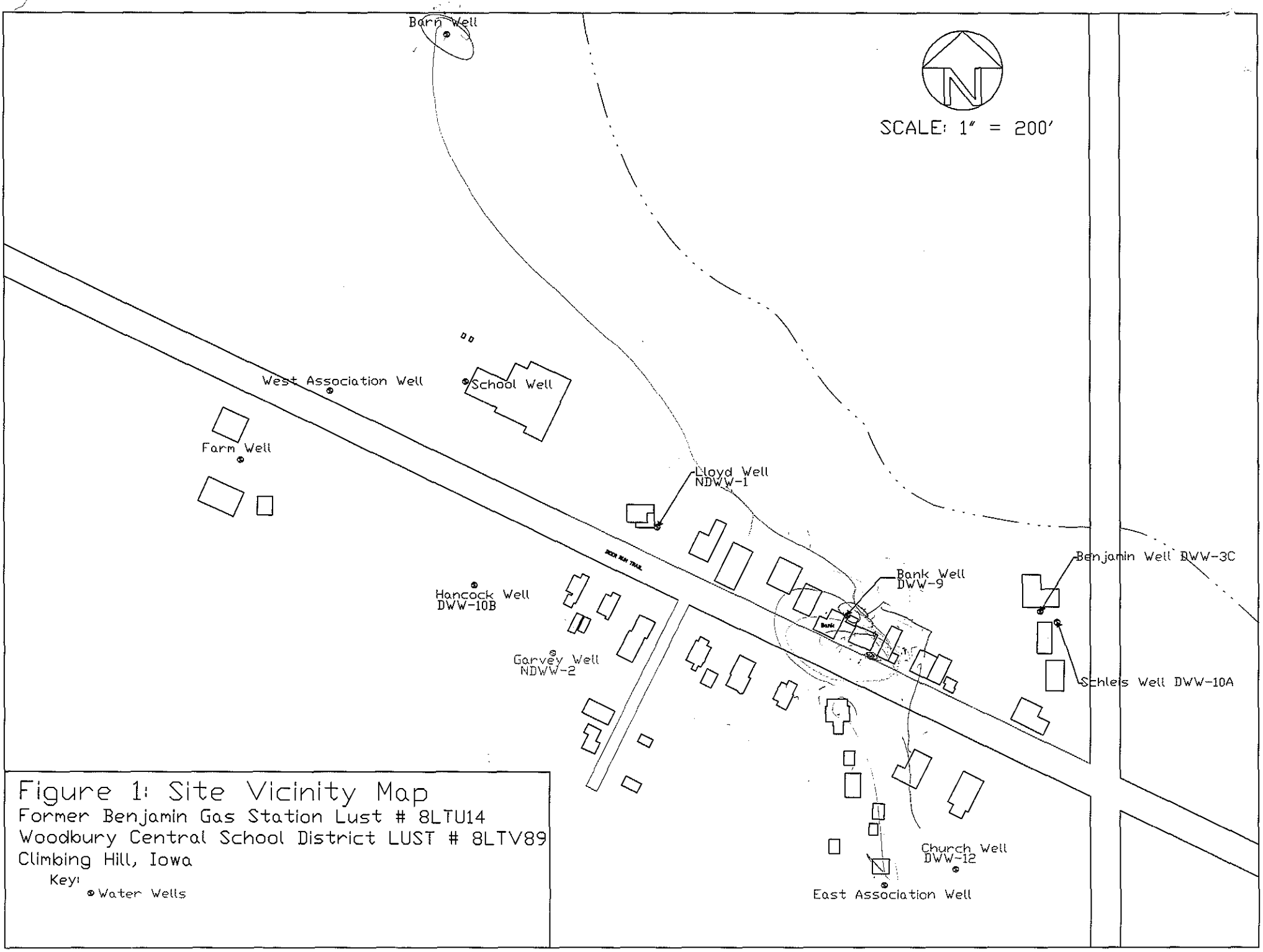


Figure 1: Site Vicinity Map
Former Benjamin Gas Station Lust # 8LTU14
Woodbury Central School District LUST # 8LTV89
Climbing Hill, Iowa

Table 1
Well Descriptions and Designations

Benjamin Tier 2 Well Description	Benjamin Tier 2 Well Designation	WCSD Tier 2 Well Description	WCSD Tier 2 Well Designation	Current Well Description	Current Well SMR Designation
Kamm Well #1	DWW-1	Kamm Well	DWW-4	Garvey Well	plugged*
Schultz Well #2	DWW-2	Schulz Well	DWW-3	Schulz Well	plugged
Benjamin Well 3c	DWW-3c	none	none	Benjamin Well	DWW-3
Benjamin Well 3b	none	none	none	Old Benjamin Well	plugged
Parker Well #4	DWW-4	Parker Well	DWW-6	Parker Well	plugged
McCoy Well #5	DWW-5	none	none	McCoy Well	plugged
Jackson (Bennette) #6	DWW-6	none	none	Jackson Well	plugged
Lloyd Well #7	DWW-7	Lloyd Well	DWW-1	Lloyd Well	NDWW-1
Barn Well #8	DWW-8	Trading Post Well	DWW-2	Old Barn Well	plugged
Bank Well #9	DWW-9	none	none	Bank Well	DWW-9
Schlies Well #10	DWW-10	none	none	Schlies Well	DWW-10A
Ross Well #11	DWW-11	Ross Well	DWW-5	Ross Well	plugged
Church Well #12	DWW-12	none	none	Church Well	DWW-12
none	none	County Shop Well	DWW-8	County Shop Well	plugged
none	none	Wolfs Well	DWW-10	Hancock Well	DWW-10B
none	none	none	none	East Association Well	DWW-13
none	none	none	none	West Association Well	DWW-14
none	none	none	none	Barn Well (new)	none
none	none	none	none	School Well	DWW-15
none	none	none	none	Farm Well	none

* Most recently referred to NDWW-2.

SMR Groundwater Analytical Data (ug/L), V-2.51, 8LTU14													
Boring / Well #	Date Sampled	Elevations (ASL)				Group 1				Group 2		FP Type	FP Default?
		Ground	TOC	TOS	SWL	B	T	E	X	TEH-D	TEH-WO		
B-1	07/23/1991	1,127.30	N	N	N	700.	1,985.	450.	3,345.	N	N	N	N
MW-2	07/25/1991	1,127.40	1,127.16	1,099.41	1,092.58	850.	1,090.	340.	1,410.	N	N	N	N
MW-2A	05/04/2000	1,127.30	1,126.58	1,099.50	1,095.33	225.	146.	344.	351.	N	N	N	N
MW-2A	03/28/2001	1,127.30	1,126.58	1,099.50	1,095.92	481.	35.	1,850.	454.	N	N	N	N
MW-2A	07/18/2002	1,127.30	1,126.58	1,099.50	1,097.04	185.	26.7	954.	283.	N	N	N	N
MW-2A	10/25/2003	1,127.30	1,126.58	1,099.50	1,096.26	152.	12.5	1,060.	144.	N	N	N	N
MW-2A	07/10/2004	1,127.30	1,126.58	1,099.50	1,097.34	51.5	13.6	398.	164.	N	N	N	N
MW-2A	12/12/2009	1,127.30	1,126.58	1,099.50	1,098.27	12.8	<1.	383.	143.	1,910.	<300.	N	N
MW-2A	10/05/2011	1,127.30	1,126.58	1,099.50	1,100.11	2.98	<1.	118.	113.	1,320.	<300.	N	N
MW-2A	08/29/2012	1,127.30	1,126.58	1,099.50	1,098.62	<2.	3.1	27.1	39.3	637.	338.	N	N
MW-2A	09/23/2013	1,127.30	1,126.58	1,099.50	1,097.38	1.07	<1.	16.8	<3.	811.	<300.	N	N
MW-16	12/18/1991	1,127.70	1,127.48	1,063.73	1,092.28	5.	21.	<2.	2.	N	N	N	N
MW-16	01/02/1992	1,127.70	1,127.48	1,063.73	1,092.28	8.	4.	<2.	2.	N	N	N	N
MW-16	05/03/2000	1,127.70	1,127.48	1,063.73	1,095.88	<1.	<1.	<1.	<3.	N	N	N	N
MW-16	12/12/2009	1,127.80	1,127.52	1,063.73	1,098.40	<1.	<1.	<1.	<3.	<300.	313.	N	N
MW-16	04/29/2010	1,127.80	1,127.52	1,063.73	1,099.79	1.58	<1.	<1.	<3.	303.	409.	N	N
MW-16	10/05/2011	1,127.80	1,127.52	1,063.73	1,100.23	<1.	<1.	<1.	<3.	<300.	<300.	N	N
MW-16	08/29/2012	1,127.80	1,127.52	1,063.73	1,098.53	<2.	<2.	<2.	<3.	<300.	<300.	N	N
MW-16	09/23/2013	1,127.80	1,127.52	1,063.73	1,097.56	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
MW-21	01/18/1993	1,127.40	1,126.66	1,101.35	1,094.50	755.	845.	1,242.	4,052.	N	N	N	N
MW-21	12/07/1993	1,127.40	1,126.66	1,101.40	1,095.63	<1.	3.	<1.	3.	N	N	N	N
MW-21A	05/04/2000	1,127.40	1,126.66	1,099.60	1,095.80	1.1	<1.	9.2	<3.	N	N	N	N
MW-21A	03/28/2001	1,127.40	1,126.66	1,099.60	1,095.89	1.2	<1.	2.	<3.	N	N	N	N
MW-21A	07/18/2002	1,127.40	1,126.66	1,099.60	1,097.04	<1.	<1.	<1.	<3.	N	N	N	N
MW-21A	03/18/2003	1,127.40	1,126.66	1,101.40	N	189.	23.4	896.	330.	4,010.	<380.	N	N
MW-21A	12/12/2009	1,127.40	1,126.66	1,099.60	1,098.49	<1.	<1.	<1.	<3.	<300.	<300.	N	N
MW-21A	10/05/2011	1,127.40	1,126.66	1,099.60	1,100.22	<1.	<1.	<1.	<3.	<300.	<300.	N	N
MW-21A	08/29/2012	1,127.40	1,126.66	1,099.60	1,098.61	<2.	<2.	<2.	<3.	<300.	569.	N	N
MW-21A	09/23/2013	1,127.40	1,126.66	1,099.60	1,097.42	<0.5	<1.	<1.	<3.	<300.	569.	N	N
MW-103	01/13/1994	1,133.40	1,132.99	1,105.40	1,095.40	<2.	81.	22.	170.	N	N	N	N
MW-103	07/16/1997	1,133.40	1,132.99	1,105.40	1,100.97	<1.	<1.	<1.	<1.	N	N	N	N
MW-103	09/16/1997	1,133.40	1,132.99	1,105.40	1,100.65	N	N	N	N	<100.	<100.	N	N
MW-103	03/19/2003	1,133.40	1,132.99	1,105.40	1,099.69	<1.	<1.	<1.	<3.	<380.	<380.	N	N
MW-103	10/05/2011	1,133.40	1,132.99	1,105.40	1,104.98	<1.	<1.	<1.	<3.	<300.	<300.	N	N
MW-103	08/29/2012	1,133.40	1,132.99	1,105.40	1,103.33	<2.	<2.	<2.	<3.	<300.	<300.	N	N
MW-103	09/23/2013	1,133.40	1,132.99	1,105.40	1,101.99	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
MW-117	12/01/1995	1,129.90	1,129.65	1,106.90	1,098.99	7,900.	890.	1,500.	3,400.	N	N	N	N

SMR Groundwater Analytical Data (ug/L), V-2.51, 8LTU14													
Boring / Well #	Date Sampled	Elevations (ASL)				Group 1				Group 2		FP Type	FP Default?
		Ground	TOC	TOS	SWL	B	T	E	X	TEH-D	TEH-WO		
MW-117	07/16/1997	1,129.90	1,129.65	1,106.90	1,101.05	7,000.	221.	1,300.	5,130.	N	N	N	N
MW-117	09/16/1997	1,129.90	1,129.65	1,106.90	1,100.25	N	N	N	N	88,000.	<100.	N	N
MW-117	12/02/1998	1,129.90	1,129.65	1,106.90	1,100.84	8,890.	304.	1,350.	4,120.	109,000.	<100.	N	N
MW-117	07/09/1999	1,129.90	1,129.65	1,106.90	1,101.46	12,500.	98.5	1,590.	5,110.	<100.	<100.	N	N
MW-117	12/16/1999	1,129.90	1,129.65	1,106.90	1,100.79	13,300.	119.	1,790.	5,090.	<100.	<100.	N	N
MW-117	07/11/2000	1,129.90	1,129.65	1,106.90	1,099.54	12,700.	286.	2,220.	6,160.	45,600.	<100.	N	N
MW-117	01/24/2001	1,129.90	1,129.65	1,106.90	1,098.71	17,600.	775.	2,730.	7,340.	<100.	<100.	N	N
MW-117	07/26/2001	1,129.90	1,129.65	1,106.90	1,100.63	14,100.	584.	2,170.	4,950.	<100.	<100.	N	N
MW-117	02/20/2002	1,129.90	1,129.65	1,106.90	1,099.25	11,000.	1,120.	2,110.	5,130.	<100.	<100.	N	N
MW-117	08/27/2002	1,129.90	1,129.65	1,106.90	1,100.82	8,490.	1,580.	1,670.	4,300.	35,200.	3,160.	N	N
MW-117	03/19/2003	1,129.90	1,129.65	1,106.90	1,099.74	7,980.	1,240.	1,830.	4,780.	30,100.	3,010.	N	N
MW-117	01/20/2004	1,129.90	1,129.65	1,106.90	1,099.45	7,630.	2,250.	2,260.	6,280.	31,400.	3,040.	N	N
MW-117	12/08/2004	1,129.90	1,129.65	1,106.90	1,100.04	7,490.	3,190.	2,560.	6,580.	31,800.	2,970.	N	N
MW-117	08/10/2005	1,129.90	1,129.65	1,106.90	1,100.10	8,500.	4,900.	2,300.	7,000.	3,500.	5,300.	N	N
MW-117	08/15/2006	1,129.90	1,129.65	1,106.90	1,098.56	8,190.	6,900.	2,920.	8,660.	20,000.	1,540.	N	N
MW-117	12/16/2009	1,129.90	1,129.65	1,106.90	1,102.41	5,120.	9,180.	3,210.	10,400.	33,500.	3,420.	N	N
MW-117	10/05/2011	1,129.90	1,129.65	1,106.90	1,104.94	8,260.	24,600.	3,060.	10,900.	44,000.	6,820.	N	N
MW-117	08/29/2012	1,129.90	1,129.65	1,106.90	1,103.54	8,240.	34,000.	3,290.	11,300.	22,600.	3,340.	N	N
MW-117	09/23/2013	1,129.90	1,129.65	1,106.90	1,102.27	11,800.	46,700.	3,990.	14,900.	2,980.	513.	N	N
MW-20	02/20/1992	1,129.10	1,128.80	1,097.05	1,094.57	181.	<2.	<2.	1,882.	N	N	N	N
MW-118	12/01/1995	1,129.10	1,128.94	1,106.10	1,098.15	23.	110.	41.	1,300.	N	N	N	N
MW-118	07/16/1997	1,129.10	1,128.94	1,106.10	1,100.21	68.	47.	13.	143.	N	N	N	N
MW-118	09/16/1997	1,129.10	1,128.94	1,106.10	1,099.78	N	N	N	N	4,000.	<100.	N	N
MW-118	12/02/1998	1,129.10	1,128.94	1,106.10	1,099.01	10.	17.7	3.	30.	1,920.	<100.	N	N
MW-118	07/08/1999	1,129.10	1,128.94	1,106.10	1,100.70	4.4	<1.	<1.	39.5	<100.	<100.	N	N
MW-118	12/16/1999	1,129.10	1,128.94	1,106.10	1,099.80	5.7	1.2	<1.	64.9	<100.	<100.	N	N
MW-118	07/11/2000	1,129.10	1,128.94	1,106.10	1,098.39	5.	1.9	<1.	68.4	<100.	<100.	N	N
MW-118	01/24/2001	1,129.10	1,128.94	1,106.10	1,097.78	5.8	1.9	<1.	74.1	<100.	<100.	N	N
MW-118	07/26/2001	1,129.10	1,128.94	1,106.10	1,099.85	32.	13.	3.	56.	1,600.	<100.	N	N
MW-118	02/20/2002	1,129.10	1,128.94	1,106.10	1,098.27	38.	16.	4.	56.	<100.	<100.	N	N
MW-118	08/27/2002	1,129.10	1,128.94	1,106.10	1,100.05	3.4	<2.	15.1	40.6	1,530.	<380.	N	N
MW-118	03/19/2003	1,129.10	1,128.94	1,106.10	1,098.77	<5.	<5.	<5.	47.	3,240.	<380.	N	N
MW-118	01/20/2004	1,129.10	1,128.94	1,106.10	1,098.49	2.5	1.3	<1.	39.8	2,120.	<380.	N	N
MW-118	12/08/2004	1,129.10	1,128.94	1,106.10	1,099.13	4.2	17.6	3.2	49.6	1,540.	<380.	N	N
MW-118	08/10/2005	1,129.10	1,128.94	1,106.10	1,099.34	1.1	<5.	<1.	11.	<100.	<250.	N	N
MW-118	12/12/2009	1,129.10	1,128.94	1,106.10	1,101.60	1.31	<1.	<1.	<3.	350.	<300.	N	N
MW-118	10/05/2011	1,129.10	1,128.94	1,106.10	1,103.92	<1.	<1.	<1.	<3.	<300.	<300.	N	N
MW-118	08/29/2012	1,129.10	1,128.94	1,106.10	1,102.42	<2.	2.02	<2.	<3.	<300.	<300.	N	N

SMR Groundwater Analytical Data (ug/L), V-2.51, 8LTU14													
Boring / Well #	Date Sampled	Elevations (ASL)				Group 1				Group 2		FP Type	FP Default?
		Ground	TOC	TOS	SWL	B	T	E	X	TEH-D	TEH-WO		
MW-118	09/23/2013	1,129.10	1,128.94	1,106.10	1,101.13	<0.5	<1.	<1.	<3.	<288.	289.	N	N
MW-119	12/01/1995	1,128.30	1,127.93	1,105.30	1,097.21	50.	98.	120.	440.	N	N	N	N
MW-119	09/16/1997	1,128.30	1,127.93	1,105.30	1,098.83	N	N	N	N	<100.	<100.	N	N
MW-119	12/02/1998	1,128.30	1,127.93	1,105.30	1,098.83	161.	84.5	416.	660.	26,100.	<100.	N	N
MW-119	07/08/1999	1,128.30	1,127.93	1,105.30	1,099.68	215.	111.	384.	570.	<100.	<100.	N	N
MW-119R	08/15/2001	1,128.26	1,127.59	1,107.59	1,098.63	47.	52.	91.	312.	<100.	<100.	N	N
MW-119R	02/20/2002	1,128.26	1,127.59	1,107.59	1,097.16	224.	69.	330.	421.	10,800.	<100.	N	N
MW-119R	08/27/2002	1,128.26	1,127.59	1,107.59	1,099.00	34.6	10.9	44.6	71.8	3,560.	<380.	N	N
MW-119R	03/19/2003	1,128.26	1,127.59	1,107.59	1,097.65	80.	24.	144.	158.	7,660.	<380.	N	N
MW-119R	01/20/2004	1,128.26	1,127.59	1,107.59	1,097.36	205.	36.8	345.	278.	12,100.	400.	N	N
MW-119R	12/08/2004	1,128.26	1,127.59	1,107.59	1,098.00	110.	27.8	150.	130.	6,160.	<380.	N	N
MW-119R	08/10/2005	1,128.26	1,127.59	1,107.59	1,098.33	28.	<25.	36.	35.	<100.	260.	N	N
MW-119R	08/15/2006	1,128.26	1,127.59	1,107.59	1,096.81	87.	41.7	155.	205.	2,790.	<300.	N	N
MW-119R	04/22/2010	1,128.26	1,127.59	1,107.59	1,101.06	126.	216.	549.	2,050.	26,500.	1,860.	N	N
MW-119R	10/05/2011	1,128.26	1,127.59	1,107.59	1,102.13	163.	186.	670.	2,260.	51,900.	3,910.	N	N
MW-119R	08/29/2012	1,128.26	1,127.59	1,107.59	1,100.61	178.	213.	899.	2,520.	24,500.	1,560.	N	N
MW-119R	09/23/2013	1,128.26	1,127.59	1,107.59	1,099.63	137.	39.7	485.	604.	8,290.	1,030.	N	N
MW-120	12/01/1995	1,127.90	1,127.59	1,104.90	1,096.86	9.	8.	7.	20.	N	N	N	N
MW-120	07/16/1997	1,127.90	1,127.59	1,104.90	1,098.86	8.	18.	7.	18.	N	N	N	N
MW-120	09/16/1997	1,127.90	1,127.59	1,104.90	1,098.34	N	N	N	N	600.	<100.	N	N
MW-120	12/02/1998	1,127.90	1,127.59	1,104.90	1,098.39	3.1	12.4	4.5	8.2	1,300.	<100.	N	N
MW-120	08/28/2002	1,127.90	1,127.59	1,104.90	1,098.54	<2.	<2.	<2.	<3.	<380.	<380.	N	N
MW-120	03/19/2003	1,127.90	1,127.59	1,104.90	1,097.20	<1.	<1.	2.6	<3.	430.	<380.	N	N
MW-120	01/20/2004	1,127.90	1,127.59	1,104.90	1,096.90	<1.	<1.	3.8	<3.	662.	<380.	N	N
MW-120	12/08/2004	1,127.90	1,127.59	1,104.90	1,097.53	<2.	<2.	<2.	<3.	<380.	<380.	N	N
MW-120	08/10/2005	1,127.90	1,127.59	1,104.90	1,097.91	<1.	<5.	<1.	<3.	<100.	<250.	N	N
MW-120	12/12/2009	1,127.90	1,127.59	1,104.90	1,099.87	<1.	<1.	<1.	<3.	<300.	<300.	N	N
MW-120	10/05/2011	1,127.90	1,127.59	1,104.90	1,101.85	<1.	<1.	<1.	<3.	<300.	<300.	N	N
MW-120	08/29/2012	1,127.90	1,127.59	1,104.90	1,100.27	<2.	<2.	<2.	<3.	<300.	<300.	N	N
MW-120	09/23/2013	1,127.90	1,127.59	1,104.90	1,099.05	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
MW-122	07/09/1999	1,131.30	1,130.78	1,111.30	1,101.00	270.	1.1	123.	252.	<100.	<100.	N	N
MW-122	12/16/1999	1,131.80	1,130.78	1,111.30	1,100.43	107.	<1.	2.	5.1	<100.	<100.	N	N
MW-122	07/11/2000	1,131.80	1,130.78	1,111.30	1,099.18	147.	<1.	2.	1.9	2,600.	<100.	N	N
MW-122	01/24/2001	1,131.80	1,130.78	1,111.30	1,098.29	91.	<1.	<1.	<1.	<100.	<100.	N	N
MW-122	07/26/2001	1,131.80	1,130.78	1,111.30	1,100.15	53.	6.	1.	2.	800.	<100.	N	N
MW-122	02/20/2002	1,131.80	1,130.78	1,111.30	1,098.87	126.	21.	5.	11.	<100.	<100.	N	N
MW-122	08/27/2002	1,131.80	1,130.78	1,111.30	1,100.23	83.8	<2.	<2.	4.4	1,380.	<380.	N	N

SMR Groundwater Analytical Data (ug/L), V-2.51, 8LTU14													
Boring / Well #	Date Sampled	Elevations (ASL)				Group 1				Group 2		FP Type	FP Default?
		Ground	TOC	TOS	SWL	B	T	E	X	TEH-D	TEH-WO		
MW-122	03/19/2003	1,131.80	1,130.78	1,111.30	1,099.39	65.5	<1.	<1.	<3.	929.	<380.	N	N
MW-122	01/20/2004	1,131.80	1,130.78	1,111.30	1,099.12	69.1	<1.	<1.	<3.	1,660.	<380.	N	N
MW-122	12/08/2004	1,131.80	1,130.78	1,111.30	1,099.71	96.	5.82	<2.	6.16	1,720.	<380.	N	N
MW-122	08/10/2005	1,131.80	1,130.78	1,111.30	1,099.66	58.	<5.	<1.	<3.	110.	<250.	N	N
MW-122	12/16/2009	1,131.80	1,130.78	1,111.30	1,102.09	<1.	<1.	<1.	<3.	<300.	<300.	N	N
MW-122	10/05/2011	1,131.80	1,130.78	1,111.30	1,104.65	<1.	<1.	<1.	<3.	<300.	<300.	N	N
MW-122	08/29/2012	1,131.80	1,130.78	1,111.30	1,103.13	<2.	<2.	<2.	<3.	<300.	<300.	N	N
MW-122	09/23/2013	1,131.80	1,130.78	1,111.30	1,101.83	<0.5	<1.	<1.	<3.	<288.	305.	N	N
Kamm Well	08/12/1991	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<1.~~	~~N~~	~~N~~	N	N
DWW-1	07/09/1999	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<1.~~	~~<100.~~	~~<100.~~	~~N~~	N
DWW-1	12/16/1999	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<1.~~	~~<100.~~	~~<100.~~	~~N~~	N
DWW-1	07/11/2000	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<1.~~	~~<100.~~	~~<100.~~	~~N~~	N
DWW-1	01/23/2001	N	N	N	N	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<100.~~	~~<100.~~	~~N~~	N
DWW-1	07/27/2001	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<1.~~	~~<100.~~	~~<100.~~	~~N~~	N
DWW-1	02/18/2002	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<1.~~	~~<100.~~	~~<100.~~	~~N~~	N
DWW-1	08/29/2002	N	N	N	N	~~<2.~~	~~<2.~~	~~<2.~~	~~<3.~~	~~<380.~~	~~<380.~~	N	N
DWW-1	03/20/2003	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<3.~~	~~<380.~~	~~<380.~~	N	N
DWW-1	01/20/2004	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<3.~~	~~<380.~~	~~<380.~~	N	N
DWW-1	12/07/2004	N	N	N	N	~~<2.~~	~~<2.~~	~~<2.~~	~~<3.~~	~~<380.~~	~~<380.~~	N	N
Garvey Well	12/12/2009	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<3.~~	~~<300.~~	~~<300.~~	N	N
Garvey Well	10/12/2011	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<3.~~	~~<300.~~	~~<300.~~	N	N
DWW-3C	03/20/2003	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<3.~~	~~<380.~~	~~<380.~~	N	N
Benjamin Well	12/12/2009	1,132.80	1,134.35	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<3.~~	~~<300.~~	~~<300.~~	N	N
Benjamin Well	10/05/2011	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<3.~~	~~<300.~~	~~<300.~~	N	N
Benjamin Well	03/21/2012	N	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<3.~~	~~<300.~~	~~<300.~~	N	N
Benjamin Well	08/29/2012	N	N	N	N	~~<2.~~	~~<2.~~	~~<2.~~	~~<3.~~	~~<300.~~	~~<300.~~	N	N
Benjamin Well	03/19/2013	N	N	N	N	~~<0.5~~	~~<1.~~	~~<1.~~	~~<3.~~	~~297.~~	~~<288.~~	N	N
Benjamin Well	09/23/2013	N	N	N	N	~~<0.5~~	~~<1.~~	~~<1.~~	~~<3.~~	~~<300.~~	~~<300.~~	N	N
Benjamin Well	03/06/2014	N	N	N	N	~~<0.5~~	~~<1.~~	~~<1.~~	~~<3.~~	~~<288.~~	~~<288.~~	N	N
Lloyd Well	07/24/1991	1,128.70	N	N	N	~~<1.~~	~~<1.~~	~~<1.~~	~~<1.~~	~~N~~	~~N~~	N	N
Lloyd Well	01/16/1992	1,128.70	N	N	N	~~<2.~~	~~<2.~~	~~<2.~~	~~<2.~~	~~N~~	~~N~~	N	N
Lloyd Well	01/18/1993	1,128.70	N	N	N	~~<2.~~	~~<2.~~	~~<2.~~	~~<2.~~	~~N~~	~~N~~	N	N
Lloyd Well	10/26/1993	1,128.70	N	N	N	~~<2.~~	~~<2.~~	~~<2.~~	~~<2.~~	~~N~~	~~N~~	N	N
Lloyd Well	06/01/1994	1,128.70	N	N	N	~~<2.~~	~~<2.~~	~~<2.~~	~~<2.~~	~~N~~	~~N~~	N	N
Lloyd Well	06/29/1994	1,128.70	N	N	N	~~<2.~~	~~<2.~~	~~<2.~~	~~<5.~~	~~N~~	~~N~~	N	N
Lloyd Well	10/03/1994	1,128.70	N	N	1,093.70	~~<2.~~	~~<2.~~	~~<2.~~	~~<5.~~	~~N~~	~~N~~	N	N
Lloyd Well	12/20/1994	1,128.70	N	N	N	~~<2.~~	~~<2.~~	~~<2.~~	~~<5.~~	~~N~~	~~N~~	N	N

SMR Groundwater Analytical Data (ug/L), V-2.51, 8LTU14													
Boring / Well #	Date Sampled	Elevations (ASL)				Group 1				Group 2		FP Type	FP Default?
		Ground	TOC	TOS	SWL	B	T	E	X	TEH-D	TEH-WO		
Lloyd Well	04/26/1995	1,128.70	N	N	N	<2.	<2.	<2.	<4.	N	N	N	N
Lloyd Well	07/24/1995	1,128.70	N	N	N	<2.	<2.	<2.	<4.	N	N	N	N
Lloyd Well	10/09/1995	1,128.70	N	N	N	<2.	<2.	<2.	<5.	N	N	N	N
Lloyd Well	12/26/1995	1,128.70	N	N	N	<2.	<2.	<2.	<5.	N	N	N	N
Lloyd Well	03/21/1996	1,128.70	N	N	N	<2.	<2.	<2.	<5.	N	N	N	N
Lloyd Well	07/01/1996	1,128.70	N	N	N	<2.	<2.	<2.	<5.	N	N	N	N
Lloyd Well	09/28/1996	1,128.70	N	N	N	<2.	<2.	<2.	<1.	N	N	N	N
Lloyd Well	03/31/1997	1,128.70	N	N	N	<1.	<1.	<1.	<1.	N	N	N	N
Lloyd Well	07/10/1997	1,128.70	N	N	N	<1.	<1.	<1.	<1.	N	N	N	N
Lloyd Well	10/02/1997	1,128.70	N	N	N	<1.	<1.	<1.	<1.	N	N	N	N
Lloyd Well	01/13/1998	1,128.70	N	N	N	<1.	<1.	<1.	<1.	N	N	N	N
Lloyd Well	05/06/1998	1,128.70	N	N	N	<1.	<1.	<1.	<1.	N	N	N	N
Lloyd Well	08/03/1998	1,128.70	N	N	N	<1.	<1.	<1.	<1.	N	N	N	N
Lloyd Well	12/28/1998	1,128.70	N	N	N	<1.	<1.	<1.	<1.	N	N	N	N
DWW-7	07/09/1999	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-7	12/16/1999	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
Lloyd Well	05/04/2000	1,128.70	N	N	N	<1.	<1.	<1.	<3.	N	N	N	N
DWW-7	07/11/2000	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-7	01/23/2001	N	N	N	N	<0.5	<0.5	<0.5	<0.5	<100.	<100.	N	N
DWW-7	07/27/2001	N	N	N	N	1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-7	02/18/2002	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-7	08/29/2002	1,128.70	N	N	N	<2.	<2.	<2.	<3.	<380.	<380.	N	N
DWW-7	03/18/2003	1,128.70	N	N	N	<1.	<1.	<1.	<3.	<380.	<380.	N	N
DWW-7	01/20/2004	1,128.70	N	N	N	<1.	<1.	<1.	<3.	<380.	<380.	N	N
Lloyd Well	07/10/2004	1,128.70	N	N	N	<1.	<1.	<1.	<3.	N	N	N	N
DWW-7	12/07/2004	1,128.70	N	N	N	<2.	<2.	<2.	<3.	<380.	<380.	N	N
Lloyd Well	12/12/2009	1,127.90	1,128.70	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Lloyd Well	10/05/2011	1,127.90	1,128.70	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Lloyd Well	03/21/2012	1,127.90	1,128.70	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Lloyd Well	08/29/2012	1,127.90	1,128.70	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Lloyd Well	03/19/2013	1,127.90	1,128.70	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
Lloyd Well	09/23/2013	1,127.90	1,128.70	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
Lloyd Well	03/06/2014	1,127.90	1,128.70	N	N	<0.5	<1.	<1.	<3.	<294.	<294.	N	N
Bank Well	08/12/1991	N	N	N	N	<1.	<1.	<1.	<1.	N	N	N	N
DWW-9	07/09/1999	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-9	12/16/1999	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-9	07/11/2000	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-9	01/23/2001	N	N	N	N	<0.5	<0.5	<0.5	<0.5	<100.	<100.	N	N

SMR Groundwater Analytical Data (ug/L), V-2.51, 8LTU14													
Boring / Well #	Date Sampled	Elevations (ASL)				Group 1				Group 2		FP Type	FP Default?
		Ground	TOC	TOS	SWL	B	T	E	X	TEH-D	TEH-WO		
DWW-9	07/27/2001	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-9	02/18/2002	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-9	08/29/2002	N	N	N	N	<2.	12.6	<2.	<3.	<380.	<380.	N	N
DWW-9	03/20/2003	N	N	N	N	<1.	<1.	<1.	<3.	<380.	<380.	N	N
DWW-9	01/20/2004	N	N	N	N	<1.	<1.	<1.	<3.	<380.	<380.	N	N
Bank Well	12/12/2009	1,127.60	1,127.58	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Bank Well	04/22/2010	1,127.60	1,127.58	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Bank Well	10/05/2011	1,127.60	1,127.58	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Bank Well	03/21/2012	1,127.60	1,127.58	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Bank Well	08/29/2012	1,127.60	1,127.58	N	N	<2.	<2.	<2.	<3.	<300.	<300.	N	N
Bank Well	03/19/2013	1,127.60	1,127.58	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
Bank Well	09/23/2013	1,127.60	1,127.58	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
Bank Well	03/06/2014	1,127.60	1,127.58	N	N	<0.5	<1.	<1.	<3.	<278.	<278.	N	N
DWW-12	07/09/1999	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-12	12/16/1999	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-12	07/11/2000	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-12	07/27/2001	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-12	02/18/2002	N	N	N	N	<1.	<1.	<1.	<1.	<100.	<100.	N	N
DWW-12	08/29/2002	N	N	N	N	<2.	<2.	<2.	<3.	<380.	<380.	N	N
DWW-12	03/20/2003	N	N	N	N	<1.	<1.	<1.	<3.	<380.	<380.	N	N
DWW-12	01/20/2004	N	N	N	N	<1.	<1.	<1.	<3.	<380.	<380.	N	N
DWW-12	12/07/2004	N	N	N	N	<2.	<2.	<2.	<3.	<380.	<380.	N	N
DWW-12	08/15/2006	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Church Well	12/12/2009	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Church Well	10/12/2011	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Church Well	03/21/2012	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Church Well	08/29/2012	N	N	N	N	<2.	<2.	<2.	<3.	<300.	<300.	N	N
Church Well	03/19/2013	N	N	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
Church Well	09/23/2013	N	N	N	N	<0.5	<1.	<1.	<3.	<300.	<300.	N	N
Church Well	03/06/2014	N	N	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
East Assoc. Wel	12/12/2009	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
East Assoc. Wel	10/05/2011	N	N	N	N	<1.	<1.	<1.	<3.	<345.	<345.	N	N
East Assoc. Wel	03/21/2012	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
East Assoc. Wel	08/29/2012	N	N	N	N	<2.	<2.	<2.	<3.	<300.	<300.	N	N
East Assoc. Wel	03/19/2013	N	N	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
East Assoc. Wel	09/23/2013	N	N	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
East Assoc. Wel	03/06/2014	N	N	N	N	<0.5	<1.	<1.	<3.	<278.	<278.	N	N

SMR Groundwater Analytical Data (ug/L), V-2.51, 8LTU14

Boring / Well #	Date Sampled	Elevations (ASL)				Group 1				Group 2		FP Type	FP Default?
		Ground	TOC	TOS	SWL	B	T	E	X	TEH-D	TEH-WO		
West Assoc. Well	12/12/2009	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
West Assoc. Well	10/05/2011	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
West Assoc. Well	03/21/2012	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
West Assoc. Well	08/29/2012	N	N	N	N	<2.	<2.	<2.	<3.	<300.	<300.	N	N
West Assoc. Well	03/19/2013	N	N	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
West Assoc. Well	09/23/2013	N	N	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
West Assoc. Well	03/06/2014	N	N	N	N	<0.5	<1.	<1.	<3.	<382.	<382.	N	N
Wolfs Well	08/12/1991	N	N	N	N	<1.	<1.	<1.	<1.	N	N	N	N
Hancock Well	04/22/2010	N	N	N	N	<1.	<1.	<1.	<3.	<333.	<333.	N	N
Hancock Well	10/05/2011	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Hancock Well	03/21/2012	N	N	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
Hancock Well	08/29/2012	N	N	N	N	<2.	<2.	<2.	<3.	<300.	<300.	N	N
Hancock Well	03/19/2013	N	N	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
Hancock Well	09/23/2013	N	N	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
Hancock Well	03/06/2014	N	N	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
School Well	04/22/2010	1,131.80	1,132.54	N	N	2.57	4.81	11.9	44.4	<300.	<300.	N	N
School Well Inside	05/10/2010	1,131.80	1,132.54	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
School Well Outside	05/10/2010	1,131.80	1,132.54	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
School Well	09/10/2010	1,131.80	1,132.54	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
School Well	12/09/2010	1,131.80	1,132.54	N	N	<2.	<2.	<2.	<3.	N	N	N	N
School Well	03/02/2011	1,131.80	1,132.54	N	N	<2.	<2.	<2.	<3.	N	N	N	N
School Well	06/15/2011	1,131.80	1,132.54	N	N	<1.	<1.	1.47	<3.	N	N	N	N
School Well	10/05/2011	1,131.80	1,132.54	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
School Well	12/19/2011	1,131.80	1,132.54	N	N	<1.	<1.	<1.	<3.	N	N	N	N
School Well	03/21/2012	1,131.80	1,132.54	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
School Well	08/29/2012	1,131.80	1,132.54	N	N	<1.	<1.	<1.	<3.	<300.	<300.	N	N
School Well	03/19/2013	1,131.80	1,132.54	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
School Well	09/23/2013	1,131.80	1,132.54	N	N	<0.5	<1.	<1.	<3.	<288.	<288.	N	N
School Well	03/06/2014	1,131.80	1,132.54	N	N	<0.5	<1.	<1.	<3.	<283.	<283.	N	N

ATTACHMENT B

Well Search Print | Help |

Well Search Report

Subject: Program ID: 7LTV89
Site Name: Woodbury Central Schools
Address: 79 HWY D54 W Climbing Hill IA, 510150000
XY UTM Coordinates: 246258/4692436
Search Radius (ft): 1000

Date: 3/25/2014

Included in search	No. of wells	Database
X	2	IGS well database General well database maintained by IGS, location accuracy varies 3,730 to 25 ft., last updated 8/2005.
X	1	Public wells Muncipal and nonmunicipal public well databases maintained by IGS, location varies 3,730 to 25 ft., under development.
X	3	SDWIS public wells Public well database developed from the Safe Drinking Water Information System database maintained by IDNR, estimated locational accuracy varies from 15m. to 3300m. Created from 5/2005 data.
X	12	Private well tracking system IDNR database management system for Grants-to-counties-covered wells. Locational accuracy unknown, assumed to be +/- 17 m., Last update 7/2005.
X	8	Wells registered for testing Wells tested under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	1	Permitted private wells Wells permitted under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	0	Registered abandoned wells Wells abandoned under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	0	Water use facilities Wells used by facilities permitted to withdraw >25,000 gallons per day, locational accuracy is +/-20m to 1150 m. Created from 7/2005 data.
X	0	Municipal wells and intakes Locational accuracy 220 m., last updated 8/96.
X	0	Ag drainage wells Locational accuracy 100 m., last updated 4/98.

Well Search Detail

Subject: XY UTM Coordinates: 246263/4692457
Search Radius (ft): 1000

IGS Well Database

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19283	35761	T. 87N., R. 45W., Sec. 16, SE, SE, SE	Calc. +/- 140 m.	152 (m)	82	11/30/1993	BENJAMIN, PAT	Well type: Private
19184	70621	T. 87N., R. 45W., Sec. 16, SE, SE, NW		295 (m)	95		THE BARN (CLIMBING HILL)	Well type: Public access

Public Wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19238	58755	T. 87N., R. 45W., Sec. 16	GPS	192 (m)	65		The Barn (climbing Hill)	Local name: The Barn (climbing Hill) #1; Status: Plugged

SDWIS public wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19322	2412138	T87N, R45W, Sec. 21, NE, NE, NE	+/- 15 m.	112 (m)	unkn		First Trust And Savings, Climbing Hill	Well # 1 ( ); PWSID: 9715869; Status: Inactive
19185	2585885	T87N, R45W, Sec. 16, SE, SE, NW	+/- 15 m.	295 (m)	95		The Barn (climbing Hill)	Well #2 (2004); PWSID: 9715201; Status: Inactive
19243	2577673	T87N, R45W, Sec. 16, SE, SE, SW	+/- 15 m.	192 (m)	82		The Barn (climbing Hill)	Plugged Well #1; PWSID: 9715201; Status: Inactive

Private Well Tracking System

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19246	2092688	T. 87 N., R. 45W., Sec. 16, SW, SW, SE, SW, NW	nom. +/- 25m.	143 (m)	78	07/26/2003		Status: Active; Well use: Household
19279	2095449	T. 87 N., R. 45W., Sec.	nom. +/- 25m.	100 (m)	122	11/07/2003		Status: Retired; Well

		16, SW, SW, SE, SW, NE						use: Household, Livestock
19330	2120756	T. 87 N., R. 45W., Sec. 21, NE, NE, NE, NE, SE	nom. +/- 25m.	128 (m)	1	01/01/1846	BENJAMIN, PAT	Status: Active; Well use: Household
19341	2124943	T. 87 N., R. 45W., Sec. 21, NE, NE, NE, SW, NE	nom. +/- 25m.	145 (m)	93	06/23/1987	BORAOWSKI, RUSSELL	Status: Active; Well use: Household
19291	2135100	T. 87 N., R. 45W., Sec. 16, SW, SE, SW, SE, NE	nom. +/- 25m.	304 (m)	90	05/01/1992	GOODRICH, DAVID	Status: Active; Well use: Household
19281	2106776	T. 87 N., R. 45W., Sec. 16, SW, SW, SW, SE, NE	nom. +/- 25m.	152 (m)	72	06/10/1974	LITTLE, GARRETT	Status: Plugged; Well use: Household
19297	2145826	T. 87 N., R. 45W., Sec. 16, SW, SE, SW, SW, NE	nom. +/- 25m.	202 (m)	75	12/22/2009	PESCHEL, SHANNON	Status: Active Log; Well use: Household
19325	2095450	T. 87 N., R. 45W., Sec. 16, SW, SW, SW, NW, SW	nom. +/- 25m.	125 (m)	135	04/01/2004	ROGERS, PATRICK	Status: Retired; Well use: Household
19335	2098533	T. 87 N., R. 45W., Sec. 21, NE, NE, NE, NE, SW	nom. +/- 25m.	152 (m)	120	01/01/1985	SCHLEIS, CHARLES	Status: Active; Well use: Household
19294	2107458	T. 87 N., R. 45W., Sec. 21, NE, NE, NW, NE, SE	nom. +/- 25m.	111 (m)	100	03/01/2004	SCHULZ, KAY	Status: Active; Well use: Household
19204	2124938	T. 87 N., R. 45W., Sec. 16, SW, SW, SE, NW, SE	nom. +/- 25m.	220 (m)	80	08/15/1982	STEINHAUER, PHYLLIS	Status: Active; Well use: Household
19391	2094355	T. 87 N., R. 45W., Sec. 22,	nom. +/- 25m.	246 (m)	200	01/01/1980	WEST, DOUG	Status: Active; Well use: Household

Wells Registered For Testing

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19223	18136	T. 87 N., R. 45 W., Sec. 16, SE, SE	Calc. +/- 285m.	213 (m)	61	1984	Carlson, Barbara	Drilling method: Drilled; Known well depth
19285	71441	T. 87 N., R. 45 W., Sec.	Calc. +/- 140m.	156 (m)	unkn	unkn	Hass, Marie	Drilling method: Unknown; Well

		16, SE, SE, SE						depth is uncertain
19408	61313	T. 87 N., R. 45 W., Sec. 21, NE, NE, SE	Calc. +/- 140m.	301 (m)	150	1960	Kunze, Robin	Drilling method: Drilled; Known well depth
19410	55004	T. 87 N., R. 45 W., Sec. 21, NE, NE, SE	Calc. +/- 140m.	295 (m)	150	1960	Kunze, Robin	Drilling method: Drilled; Known well depth
19374	9202	T. 87 N., R. 45 W., Sec. 21, NE, NE	Calc. +/- 285m.	187 (m)	90	unkn	McCoy, Marilyn	; Estimated well depth
19365	36343	T. 87 N., R. 45 W., Sec. 21, NE, NE	Calc. +/- 285m.	185 (m)	95	unkn	McCoy, Monty	Drilling method: Unknown; Known well depth
19363	69463	T. 87 N., R. 45 W., Sec. 21, NE, NE	Calc. +/- 285m.	172 (m)	101	1968	Mead, Larry	Drilling method: Drilled; Known well depth
19378	36260	T. 87 N., R. 45 W., Sec. 21, , , , NE, NE	Calc. +/- 285m.	185 (m)	77	unkn	Ross, Margie J.	Drilling method: Drilled;

Permitted Private Wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19284	28023	T. 87 N., R. 45 W., Sec. 16, SE, SE, SE	Calc. +/- 140m.	144 (m)	250	1/10/2001	Smith, Steve	Primary use: monitoring

Abandoned Wells (plugged)

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source								

Water Use Facilities

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source								

Municipal Wells And Intakes

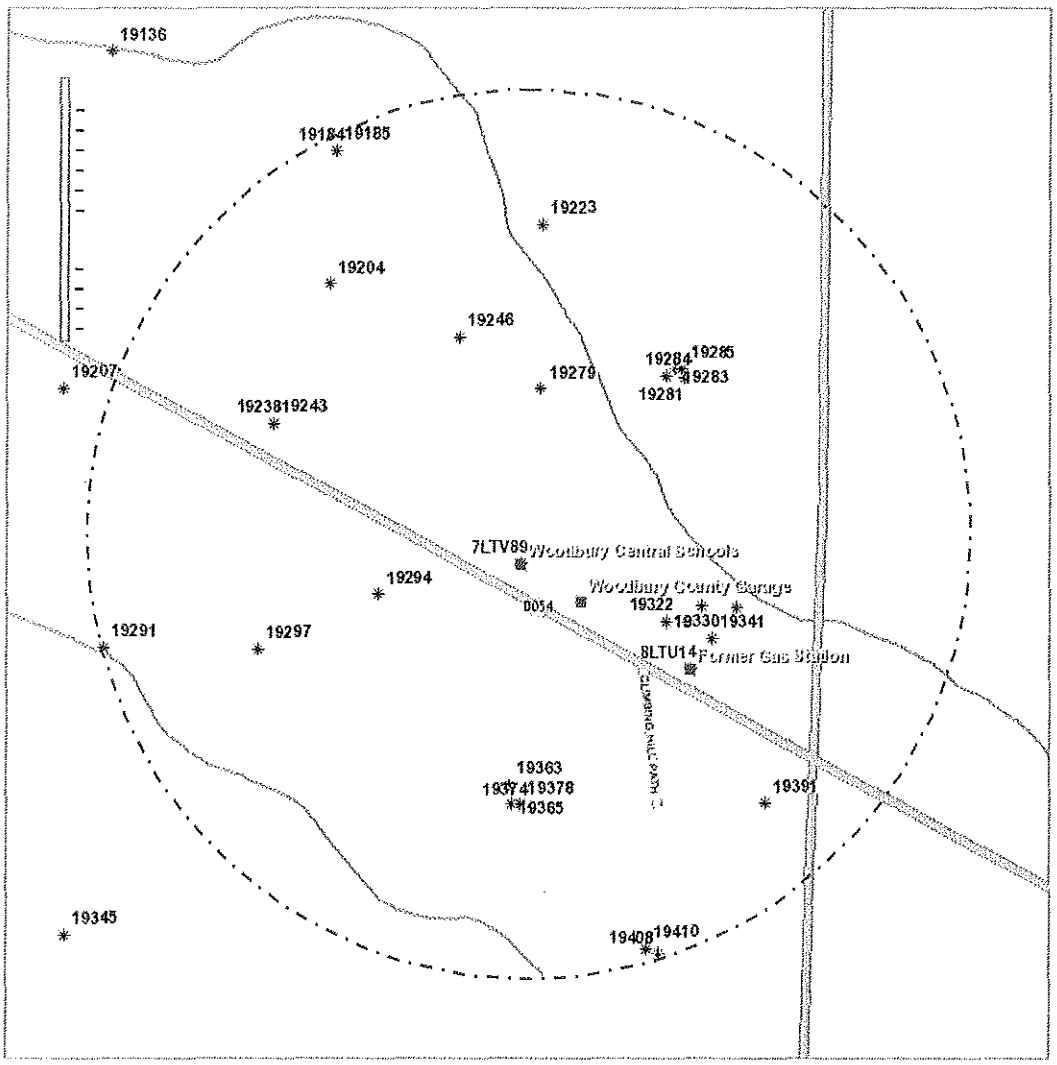
Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source								

Ag Drainage Wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source								

Well Search Buffered Map

Subject: XY UTM Coordinates: 246263/4692457
Search Radius (ft): 1000



Map Notes:
UST
LUST
Wells
Please refer to the Accuracy column in Well Search Detail.
Since multiple points can be at the same spot (as those located to the center of a quarter section), points were randomly dispersed within 10 meters around that spot so all points can be seen.

Well Search Print | Help |

Well Search Report

Subject: Program ID: 8LTU14
Site Name: Former Gas Station
Address: DEER RUN TRAIL Climbing Hill IA, 510150000
XY UTM Coordinates: 246375/4692364
Search Radius (ft): 1000

Date: 3/25/2014

Included in search	No. of wells	Database
X	1	IGS well database General well database maintained by IGS, location accuracy varies 3,730 to 25 ft., last updated 8/2005.
X	1	Public wells Muncipal and nonmunicipal public well databases maintained by IGS, location varies 3,730 to 25 ft., under development.
X	1	SDWIS public wells Public well database developed from the Safe Drinking Water Information System database maintained by IDNR, estimated locational accuracy varies from 15m. to 3300m. Created from 5/2005 data.
X	10	Private well tracking system IDNR database management system for Grants-to-counties-covered wells. Locational accuracy unknown, assumed to be +/- 17 m., Last update 7/2005.
X	7	Wells registered for testing Wells tested under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	1	Permitted private wells Wells permitted under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	0	Registered abandoned wells Wells abandoned under Grant-to-Counties program. Locational accuracy varies 1150 to 150 m.; Last update 9/2001, no future updates planned.
X	0	Water use facilities Wells used by facilities permitted to withdraw >25,000 gallons per day, locational accuracy is +/-20m to 1150 m. Created from 7/2005 data.
X	0	Municipal wells and intakes Locational accuracy 220 m., last updated 8/96.
X	0	Ag drainage wells Locational accuracy 100 m., last updated 4/98.

Well Search Detail

Subject: XY UTM Coordinates: 246376/4692377
Search Radius (ft): 1000

IGS Well Database

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19283	35761	T. 87N., R. 45W., Sec. 16, SE, SE, SE	Calc. +/- 140 m.	193 (m)	82	11/30/1993	BENJAMIN, PAT	Well type: Private

Public Wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19238	58755	T. 87N., R. 45W., Sec. 16	GPS	(m)	65		The Barn (climbing Hill)	Local name: The Barn (climbing Hill) #1; Status: Plugged

SDWIS public wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19322	2412138	T87N, R45W, Sec. 21, NE, NE, NE	+/- 15 m.	(m)	unkn		First Trust And Savings, Climbing Hill	Well # 1 ( ); PWSID: 9715869; Status: Inactive

Private Well Tracking System

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19246	2092688	T. 87 N., R. 45W., Sec. 16, SW, SW, SE, SW, NW	nom. +/- 25m.	268 (m)	78	07/26/2003		Status: Active; Well use: Household
19279	2095449	T. 87 N., R. 45W., Sec. 16, SW, SW, SE, SW, NE	nom. +/- 25m.	207 (m)	122	11/07/2003		Status: Retired; Well use: Household, Livestock
19330	2120756	T. 87 N., R. 45W., Sec. 21, NE, NE, NE, NE, SE	nom. +/- 25m.	31 (m)	1	01/01/1846	BENJAMIN, PAT	Status: Active; Well use: Household
19341	2124943	T. 87 N., R. 45W., Sec. 21, NE, NE, NE, SW, NE	nom. +/- 25m.	16 (m)	93	06/23/1987	BORAOWSKI, RUSSELL	Status: Active; Well use: Household
19281	2106776	T. 87 N., R. 45W., Sec. 16, SW,	nom. +/- 25m.	187 (m)	72	06/10/1974	LITTLE, GARRETT	Status: Plugged; Well

		SW, SW, SE, NE						use: Household
19297	2145826	T. 87 N., R. 45W., Sec. 16, SW, SE, SW, SW, NE	nom. +/- 25m.	299 (m)	75	12/22/2009	PESCHEL, SHANNON	Status: Active Log; Well use: Household
19325	2095450	T. 87 N., R. 45W., Sec. 16, SW, SW, SW, NW, SW	nom. +/- 25m.	20 (m)	135	04/01/2004	ROGERS, PATRICK	Status: Retired; Well use: Household
19335	2098533	T. 87 N., R. 45W., Sec. 21, NE, NE, NE, NE, SW	nom. +/- 25m.	43 (m)	120	01/01/1985	SCHLEIS, CHARLES	Status: Active; Well use: Household
19294	2107458	T. 87 N., R. 45W., Sec. 21, NE, NE, NW, NE, SE	nom. +/- 25m.	220 (m)	100	03/01/2004	SCHULZ, KAY	Status: Active; Well use: Household
19391	2094355	T. 87 N., R. 45W., Sec. 22,	nom. +/- 25m.	(m)	200	01/01/1980	WEST, DOUG	Status: Active; Well use: Household

Wells Registered For Testing

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
19285	71441	T. 87 N., R. 45 W., Sec. 16, SE, SE, SE	Calc. +/- 140m.	193 (m)	unkn	unkn	Hass, Marie	Drilling method: Unknown; Well depth is uncertain
19408	61313	T. 87 N., R. 45 W., Sec. 21, NE, NE, SE	Calc. +/- 140m.	210 (m)	150	1960	Kunze, Robin	Drilling method: Drilled; Known well depth
19410	55004	T. 87 N., R. 45 W., Sec. 21, NE, NE, SE	Calc. +/- 140m.	207 (m)	150	1960	Kunze, Robin	Drilling method: Drilled; Known well depth
19374	9202	T. 87 N., R. 45 W., Sec. 21, NE, NE	Calc. +/- 285m.	158 (m)	90	unkn	McCoy, Marilyn	; Estimated well depth
19365	36343	T. 87 N., R. 45 W., Sec. 21, NE, NE	Calc. +/- 285m.	163 (m)	95	unkn	McCoy, Monty	Drilling method: Unknown; Known well depth
19363	69463	T. 87 N., R. 45 W., Sec. 21, NE, NE	Calc. +/- 285m.	156 (m)	101	1968	Mead, Larry	Drilling method: Drilled; Known well depth
19378	36260	T. 87 N., R. 45 W., Sec. 21, , , , NE, NE	Calc. +/- 285m.	159 (m)	77	unkn	Ross, Margie J.	Drilling method: Drilled;

Permitted Private Wells

Location	Accuracy	Owner/Permittees

Map ID	Well No.			Dist. From Point	Well Depth	Construction/ Permit Date		Other Information
19284	28023	T. 87 N., R. 45 W., Sec. 16, SE, SE, SE	Calc. +/- 140m.	189 (m)	250	1/10/2001	Smith, Steve	Primary use: monitoring

Abandoned Wells (plugged)

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source								

Water Use Facilities

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source								

Municipal Wells And Intakes

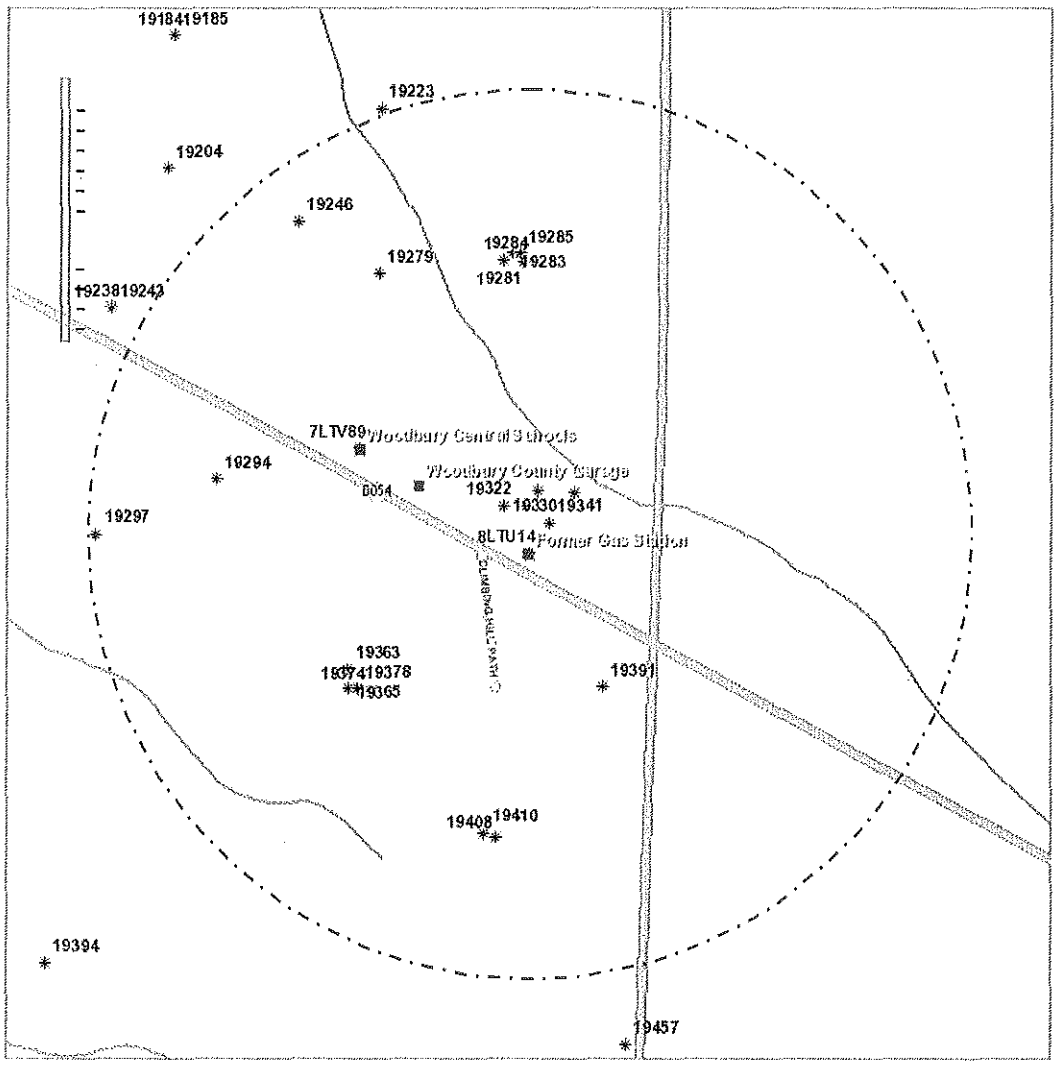
Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source								

Ag Drainage Wells

Map ID	Well No.	Location	Accuracy	Dist. From Point	Well Depth	Construction/ Permit Date	Owner/Permittees	Other Information
No records found from this data source								

Well Search Buffered Map

Subject: XY UTM Coordinates: 246376/4692377
Search Radius (ft): 1000



Map Notes:
- UST
- LUST
- Wells

Please refer to the Accuracy column in Well Search Detail.
Since multiple points can be at the same spot (as those located to the center of a quarter section), points were randomly dispersed within 10 meters around that spot so all points can be seen.