

2009 Annual Residential Well Sampling Report
Project No: 1036-10081

Prepared For:
Franklin Waste Facility Monitoring Committee

Prepared By:



WHAT WE DO TODAY TOUCHES SEVEN GENERATIONS.

In May of 1992 an agreement between The Waste Management Metro Landfill and Recycling Facility (Waste Facility) and the neighboring Municipalities was signed. This agreement defined the rights and responsibilities of a Monitoring Committee that would be made up of representatives from the neighboring municipalities and the “host” community, City of Franklin. The Monitoring Committee was titled the Franklin Waste Facility Monitoring Committee (Franklin WFMC). The other communities with seats on the Franklin WFMC are:

- Milwaukee County
- Waukesha County
- Racine County
- City of Muskego
- Town of Raymond
- Town of Norway

One of the responsibilities of the Waste Facility is to procure annual sampling and testing of thirty five (35) residential wells, selected by the Franklin WFMC. The samples under go testing for constituents regulated by both the Primary and Secondary Federal Drinking Water Standards. The results of this testing is presented to the Franklin WFMC.

In 1996 the Franklin WFMC initiated a contract with Environmental Graphics, Inc.; a consultant to analyze the results from the Annual Residential Well Sampling and provide a report summarizing results, recording sampling history, and providing recommendations for the subsequent annual sampling. In 2003, the Franklin WFMC engaged the services of Ruckert Mielke, Inc. to perform the Residential Well Sampling Report Contract for 2003 through 2005. The Franklin WFMC awarded the 2006-Annual Residential Well Sampling Contract to JSA Civil Environmental Engineers (JSA). JSA has maintained the contract since 2006.

This year, 2009, the Franklin WFMC appointed a new contractor to perform the sampling and testing of the 35 wells. Historically, the sampling and testing has been performed by Northern Lakes Environmental. This years sampling and testing was performed by Davy Laboratories of La Crosse, Wisconsin.

JSA initiated the 2009 contract by reviewing the findings from the August 2009 testing of the 35 residential wells, sampled in July of 2009. JSA also made the commitment to generate this report, maintain the historic database, and aid the Franklin WFMC in the selection of the 35 residential wells for sampling in 2010.

On November 3, 2009, JSA has completed Tasks 1,2, and 3 of the “Annual Well Sampling Report”, by submitting the Well Sampling Report to the Franklin WFMC. This report includes a Map of Wells Sampled, Table 1- 2009 Residential Well Sampling, Table 2 – Historic Sampling Summary, Table 3 – 2009 Residential Well Samples Exceeding the Federal Secondary Drinking Water Standard, Table 4 – History of Constituents Detected Above LOD. All tables have been sized to fit on standard Letter sized paper, however the map still requires 11”x17” formatting.

Wells Sampled

In June 2009, JSA made recommendations to the Franklin WFMC for the selection of the 35 residential wells for the 2009 sampling. Wells were selected based on past sampling frequency, most recent sampling, and potential for trend analysis in organic constituents detected. All wells selected, were sampled and no substitutions were required. One well was sampled that was not currently within the database and one well was sampled that had not been sampled since the first battery of testing in 1993. Five wells were sampled that had also been sampled in 2008 for trend analysis.

The sampling was performed by Davy Laboratories during July of 2009. The locations are marked on MAP 1 of the report, using Tax ID to identify the property that the well is located on. The Well location data is found in Table 1, providing Well ID, Property Owner, Property Address, and previous sampling date.

Davy sampled only from external locations with immediate connections to the well. They performed purging (discharging of water from the well for at least two minutes) prior to all samples. Samples were handled and returned to the lab following protocols established by the US EPA for drinking water sampling and testing.

Federal Primary Drinking Water Standards

In 2009 the US EPA updated the Federal Primary Drinking Water Standards Maximum Contaminant Level (MCL) for several constituents that are in the protocols. The majority of these constituents are heavy metals, none of the affected constituents have ever been detected in the Franklin WFMC Annual Well Sampling history.

The 2009 Residential Well Sampling Laboratory Testing yielded no constituents that exceeded the Federal Primary Drink Water Standards Maximum Contaminant Level (MCL). There also were no constituents detected between the Minimum Detection Level and the Limit of Quantitation (LOQ). One well was tested the had definable volumes of Volatile Organic Compounds (VOC's), below the MCL.

The constituents detected where Chloroform and Bromodichloromethane. The VOCs are not naturally occurring constituents of groundwater and are defined as follows:

- Chloroform – is an organic compound, CHCl_3 , which is a dense liquid at room temperature. It has been used as a refrigerant and solvent in the past and in the medical industry. It belongs to a family of organic chemicals called trihalomethanes and are identified as environmental pollutants and carcinogens.
- Bromodichloromethane – is another trihalomethane, CHBrCl_2 , that has historically been used as a flame retardant and solvent. Due to its classification as a trihalomethane it is only used as a reagent or intermediate in organic chemistry.

Both constituents were identified in the sample from the Knox¹ well. The Knox well had not been sampled since 1993. Both Chloroform and Bromodichloromethane are by products of aggressive chlorination, Mr. Knox was contacted regarding recent treatment of the well by himself or a contractor. Mr. Knox had, indeed, “dumped bleach” down his well due to an odor problem at the well head. Mr. Knox regularly treats his well in such a fashion when an odor

¹ Joseph Knox 11536 W. 7 Mile Road, Franksville, WI 012.04.21.06.036.000

exists for an extended period at his wellhead. Mr. Knox was informed that his well sample contained the two constituents and that they were below the MCL. It was recommended to Mr. Knox that in future he contact a groundwater or Wisconsin Licensed Well professional to treat his well. Further discussion with Mr. Knox concerning his health and safety regarding the contaminants yielded that Mr. Knox has a reverse osmosis system for treating his water, the bleaching of the well was to control odor alone.

Several wells were sampled this year near the Knox well that did not contain the detected constituents. The purpose of the Annual Well Sampling Report is not to police the activities of the residents well use near the Metro Facility, however in the interest of public health, future sampling events should identify one or two wells in proximity to the Knox well.

The Wisconsin Department of Natural Resources also maintains a set of parameters for groundwater contaminants. All constituents detected in the Well Sampling are found in NR 140 – Groundwater Quality. The Public Health Groundwater Quality Standards are similar to the Federal Primary Drinking Water standards.. The VOC's detected in the 2009 Well Sampling had no samples with constituents that exceeded the Preventative Action Limit (PAL), therefore no constituents that exceeded the Enforcement Standard.

JSA identified a repeated trend in detections of Dichlorodifluoromethane throughout the history of the Annual Well Sampling.

- Dichlorodifluoromethane – Common name Freon 12 (R-12) previously used as a refrigerant and aerosol propellant. Primarily used in automobile air conditioning systems. Use banned in 1995, but still found as a by product of aerosols such as Albuterol More research is being done concerning this contaminant found in air and groundwater. The material appears to be less volatile than expected and is found in balanced concentrations between air and water, all over the globe. The lack of Dichlorodifluoromethane in several years of surface water testing suggests that it is a groundwater or sampling location contaminant only.

There were no detections of Dichlorodifluoromethane in the 2009 Sampling Event. Four wells from 2008 had detections² of Dichlorodifluoromethane, these wells had detections in prior years as well. JSA will identify these wells (and others that have historic hits) in the 2010 Sampling Event.

Federal Secondary Drinking Water Standards

The secondary standards act as guide lines for public water systems. Each well that had been previously sampled was compared to its past history. The 2009 Well Samples are consistent with the Well Sampling history and with the groundwater constituents of Southeastern Wisconsin.

Of the constituents measured under the Federal Secondary Drinking Water Standards, Iron and Sulfate are detected in excess. Seventeen (17)³ wells had Iron concentrations higher than 0.3 milligrams per liter (mg/L) and six (6)⁴ wells had sulfate concentrations equal to or greater than 250mg/L. There is no indication to suggest that these concentrations are

2 See Table 4, Wells Kopp, Perdzek, Presser, and VandenBoom

3 See Table 3 Results Fe+

4 See Table 3 Results SO4

anything other than naturally occurring; however the iron concentration in the Zamecnik⁵ well, 7.68 mg/L, is surprisingly high. The Zamecnik owner may wish to consider evaluating his current well construction.

Conclusions

The 2009 Well Sampling Laboratory Results yielded the existence of two contaminants in excess of the LOD. These contaminants are all VOC's and were found beneath the MCL of the Federal Primary Drinking Water Standards. The contaminants discovered where.

- Chloroform
- Bromodichloromethane

Both contaminants are identified as the byproduct of aggressive or excessive chlorination of groundwater systems. Communication with the well owner concurred with the findings, the well had been treated with bleach to control an odor. The owner uses a reverse osmosis system to provide clean drinking water to his home so he is not concerned about treating the well beyond odor control.

Recommendations

JSA recommends 2010 – Residential Well Sampling of:

- Residents Northeast and Southeast of the Landfill Site
- Residents with proximity to the 11000 block of West 7 Mile Road
- Wells that have been positive for Dichlorodifluoromethane
 - Kopp
 - Perdzeck
 - Presser
 - Seager
 - VandenBoom
- Wells that have tested above the LOQ of any VOC
 - Seager
 - Vogt

5 William Zamecnik, 10614 W. 7 Mile Road, Franksville, 53126 012.04.21.05.022.000

**Franklin Waste Facility Monitoring Committee
2009 Well Monitoring Report**

Table 1 2009 Residential Well Sampling

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Street</u>	<u>City</u>	<u>Zip</u>	<u>Site #</u>	<u>Prev Sample</u>
012.04.21.05.010.000	5	Joseph Bedalov	11403 W. 7 Mile Road	Franksville	53126	4	2006
939.9996.006	91	Roger & Darlene Berndt	12320 W. Oakwood Road	Franklin	53132	5	2004
012.04.21.07.010.000	8	Kurt & Sharon Block	11417 W. 7 Mile Road	Franksville	53126	6	2004
010.04.20.01.026.000	12	Richard Bruhn	21204 W. 7 Mile Road	Franksville	53126	7	2005
012.04.21.06.043.000	93	John T. Bunich	11210 W. 7 Mile Road	Franksville	53126	8	2005
012.04.21.06.010.020	13	Doris Carriveau	218 Hwy 45	Franksville	53126	9	2006
012.04.21.06.010.010	129	Vince Carriveau	216 Hwy 45	Franksville	53126	10	2005
985.9999.000	135	Scott & Diana Fredrickson	8432 W. 8 Mile Road	Franksville	53126	62	2008
012.04.21.07.002.000	28	Ardine Hebron	1243 S. 108 th Street	Franksville	53136	15	2005
938.9999.006	716	Jenny & Steve Heckler	10810 W. Oakwood Road	Franklin	53132	16	2007
012.04.21.06.021.000	73	Ronald R. Heritz	538 S. 124 th Street	Franksville	53126	17	2005
012.04.21.06.044.000	74	Penny Hill	459-61 Adeline Drive	Franksville	53136	18	2001
893.9999.000	96	Ted Ignasiak	9880 S. 112 th Street	Franklin	53132	20	2001
012.04.21.07.016.000	35	Robert Janikowski	11567 W. 7 Mile Road	Franksville	53126	21	2003
012.04.21.06.057.000	809	Brian & Mandie Jorgensen	11287 W 71/8 th Mile Road	Franksville	53126	61	2007
012.04.21.06.036.000	36	Joseph Knox	11536 W. 7 Mile Road	Franksville	53126	24	1993
012.04.21.05.013.000		Sharon Knutsen	1011 W. 8 Mile Road	Franksville	53126	63	*
938.9999.004	110	Adeline & Helmut Kopp	10944 W. Oakwood Road	Franklin	53126	26	2008
012.04.21.06.040.000	56	Pam & Mike Lewis	11600 W. 7 Mile Road	Franksville	53126	28	2006
012.04.21.06.035.000	7	Preston Ludtke	11230 W. 7 Mile Road	Franksville	53126	30	2005
943.9997.004	43	Deborah Martiniz	9329 W. Oakwood Road	Franklin	53132	31	2002
012.04.21.06.064.000	45	Jerome M. Metz	11407 Shirley Drive	Franksville	53126	33	2006
936.9995.000	191	Dave Mudgett	9911 S. 92 nd Street	Franklin	53132	34	2006
012.04.21.06.066.000	48	Jon & Barbara Olson	612 Adeline Drive	Franksville	53126	35	2006
012.04.21.05.002.000	102	Clyde & Barb Perdzock	9223 W. 8 Mile Road	Franksville	53126	37	2008
938.9998.000	103	Charles Presser	11100 W. Oakwood Road	Franklin	53132	38	2008
935.9998.000	114	Elroy Rynders	8600 W. Oakwood Road	Franklin	53132	40	2005
012.04.21.07.019.000	76	Ken Schingeck	11765 W. 7 Mile Road	Franksville	53126	43	2005
943.9997.010	83	William Schittinger	10341 S. 92 nd Street	Franklin	53132	44	2004
012.04.21.05.024.000	105	Mike & Lisa Sinda	10126 W. 7 Mile Road	Franksville	53126	45	2005
012.04.21.06.019.000	78	Ronald Vandenboom	524 Raynor Avenue	Franksville	53132	49	2008
012.04.21.05.005.000	109	Ludwig & Shirley Vretenar	301 S. 92 nd Street	Raymond	53126	51	2006
012.04.21.06.002.000	66	Carol Welch	359 S. 108 th Street	Franksville	53126	53	2004

* Well not previously sampled

Table 1 (cont) 2009 Residential Well Sampling

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Street</u>	<u>City</u>	<u>Zip</u>	<u>NLS #</u>	<u>Prev Sample</u>
934.9999.002	680	Marvin Wolff	8400 W. Oakwood Road	Franklin	53132	56	2005
012.04.21.05.022.000	680	William Zamecnik	10614 W. 7 Mile Road	Franksville	53126	59	2005

* Well not previously sampled

WELL ID	Owner(s)	Well Address	CityStateZip	Taxkey Id	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
38	Donald Lange	10905 W. Oakwood Rd.	Franklin, WI 53132	941-9983-000	X						X		X			X					
39	Ralph Losey	10520 S.112th St.	Franklin, WI 53132	941-9996-000	X				X		X	X									X
40	Steven Zirzow	11757 7 Mile Rd.	Franksville, WI 53126	012-04-21-07-017-000	X				X							X					
41	Eugene Masconi	10530 S. 112th St.	Franklin, WI 53132	941-9997-000	X			X													
42	Don Mateicka Sr.	560 Shirley Dr.	Franksville, WI 53126	012-04-21-06-054-000	X			X			X	X	X		X					X	
43	Ruben & Deborah Martinez	9329 W. Oakwood Rd.	Franklin, WI 53132	943-9997-004	X					X				X							X
44	Frank J. & Aloys J. Mente	8502 Raynor Ave.	Franksville, WI 53126	010-04-20-01-020-000	X				X			X									
45	Jerome & Marilyn Metz	11407 Shirley Ct.	Franksville, WI 53126	012-04-21-06-064-000	X								X					X			X
46	Gary F. Fleming & Christine R. Bitter	603 Adeline Dr.	Franksville, WI 53126	012-04-21-06-048-000	X			X			X					X	X				
48	Jon & Barbara Olson	610-612 Adeline Dr.	Franksville, WI 53126	012-04-21-06-066-000	X					X	X	X			X			X			X
49	Sanford & Kathleen Olson Trust	11308 7 Mile Rd.	Franksville, WI 53126	012-04-21-06-037-000	X						X	X				X					
50	Michael Penn	11735 W. Oakwood Rd.	Hales Corners, WI 53130	940-9989-000	X						X			X		X		X	X	X	
51	John Perkovich	10386 S. 124th St.	Franklin, WI 53132	940-9994-000	X									X							
52	Robert F. & Victoria M. Foulston	444 Adeline Dr.	Franksville, WI 53126	012-04-21-06-065-000	X																
53	Dennis & Judith Sanford	8606 Raynor Ave.	Franksville, WI 53126	010-04-20-01-013-000	X					X	X				X			X	X	X	
54	Schaefer Family Living Trust	21224 7 Mile Rd.	Franksville, WI 53126	010-04-20-01-017-002	X													X			
55	Elfriede Schemeit Trust	461 Adeline Dr.	Franksville, WI 53126	012-04-21-06-041-000	X						X			X							
56	Michael N. & Pamela K. Lewis	11600 7 Mile Rd.	Franksville, WI 53126	012-04-21-06-040-000	X						X							X			X
57	Greg Schrubbe	741 S. 108th St.	Franksville, WI 53126	012-04-21-06-069-000	X																
58	Personally Yours Senior Living	12115 7 Mile Rd.	Waterford, WI 53185	012-04-21-07-014-000	X																
59	Robert Schweitzer	10555 S. 92nd St.	Franklin, WI 53132	943-9997-007	X				X		X		X			X					
60	Timothy Smith	9209 W. Oakwood Rd.	Franklin, WI 53132	943-9996-001	X					X	X				X			X			
61	Charles Sobbe	707 Adeline Dr.	Franksville, WI 53126	012-04-21-06-045-000	X																
62	John Stroud	702 Highway 45	Franksville, WI 53126	012-04-21-06-030-000	X								X			X					
63	Joseph D. & Doreen A. Langfeldt	880 Adeline Dr.	Franksville, WI 53126	012-04-21-06-038-000	X		X				X	X				X					
64	Michael Theys	10509 8 Mile Rd.	Franksville, WI 53126	012-04-21-05-016-000	X						X					X					X
65	Gary VandenBoom	11507 7 Mile Rd.	Franksville, WI 53126	012-04-21-07-005-000	X						X			X						X	
66	Carol Welch	359 S. 108th St.	Franksville, WI 53126	012-04-21-06-002-000	X				X		X	X				X					X
67	Gregory Worman	499-501 Adeline Dr.	Greenfield, WI 53228	012-04-21-06-046-000	X			X			X			X				X			
68	Bill Zamecnik	10614 7 Mile Rd.	Franksville, WI 53126	012-04-21-05-022-000	X						X	X		X			X				X
69	Faro R & Florence Balisteri	10623 W. Oakwood Rd.	Franklin, WI 53132	942-9998-000		X					X	X			X						
70	Frederick R. Gaffney	8820 Raynor Ave.	Oak Creek, WI 53154	010-04-20-01-005-000		X		X			X										
71	Joseph G. & Diana L. Gellings	642 S. 108th St.	Franksville, WI 53126	012-04-21-06-068-000		X							X								
72	Steve Bodi & Nanette Carlson	11207 W. 7 Mile Rd.	Franksville, WI 53126	012-04-21-07-008-000		X		X										X			
73	Ronald R. Heritz	538 Raynor Ave.	Franksville, WI 53126	012-04-21-06-021-000		X					X			X			X				X
74	Jeffrey & Penny Hill	653 Adeline Dr.	Franksville, WI 53126	012-04-21-06-044-000		X					X							X			X
75	Kim Williams & Paul Thiessenhusen	326 S. 124th St.	Franksville, WI 53126	012-04-21-06-013-000		X															
76	Kenneth & Mary Schingeck	11765 7 Mile Rd.	Franksville, WI 53126	012-04-21-07-019-000		X					X			X			X				X
77	Brian E. & Lana M. VanScoy	642 Raynor Ave.	Franksville, WI 53126	012-04-21-06-017-000		X															
78	Ronald VandenBoom	524 Raynor Ave.	Franksville, WI 53126	012-04-21-06-019-000		X	X						X	X			X	X			X
80	Wayne Ziemer	11400 7 Mile Rd.	Franksville, WI 53126	012-04-21-06-032-000		X	X					X	X		X			X			

WELL ID	Owner(s)	Well Address	CityStateZip	Taxkey Id	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
81	Dale/Linda Meyer	660 Adeline Dr.	Franksville, WI 53126	012-04-21-06-060-000			X				X						X				
82	Norm/Laura Swenson	11285 Shirley Dr.	Franksville, WI 53126	012-04-21-06-055-000			X				X			X	X					X	
83	William Shittinger	10341 S. 92nd St.	Franklin, WI 53132	943-9997-010			X				X			X		X					X
84	Amalia Weber	10632 S. 112th St.	Franksville, WI 53126	941-9998-000			X														
85	Jeffrey & Penny Hill	651 Adeline Dr.	Franksville, WI 53126	012-04-21-06-044-000			X									X					
86	Kim Williams & Paul Thiessenhusen	326 S. 124th St.	Franksville, WI 53126	012-04-21-06-013-000											X						
86	Kim Williams & Paul Thiessenhusen	326 S. 124th St.	Franksville, WI 53126	012-04-21-06-013-000			X				X							X			
87	Blanche Meyers	8916 Raynor Ave.	Franksville, WI 53126	010-04-20-01-003-000				X													
88	Frank Nowag	580 Shirley Dr.	Franksville, WI 53126	012-04-21-06-042-010					X					X		X	X				
89	Lisa Gardner	664 Shirley Dr.	Franksville, WI 53126	012-04-21-06-042-000					X			X									
90	Ronald J. Plevak	S98 W12712 Loomis Rd.	Palmyra, WI 53156	010-04-20-01-001-000							X										
91	Roger Berndt	12320 W. Oakwood Rd.	Franklin, WI 53132	939-9996-006							X	X				X					X
92	James Bonney	10146 S. 124th St.	Franklin, WI 53132	939-9996-002							X									X	
93	John T. Bunich	11210 W. 7 Mile Rd.	Franksville, WI 53126	012-04-21-06-043-000	X				X		X	X					X				X
94	James Drzewiecki	10780 S. 92nd St.	Franklin, WI 53132	985-9994-002							X	X			X			X			
95	William K & Rose Hinkel	9612 W. Oakwood Rd.	Franklin, WI 53132	936-9997-000							X	X	X		X					X	
96	Theodore & W Ignasiak	9880 S. 112th St.	Franklin, WI 53132	892-9999-000							X					X			X		X
97	Norbert & Susan Kita	10728 S. 92nd St.	Franklin, WI 53132	985-9993-003							X	X							X		
98	Craig & Sheryl Comp	10944 W. Oakwood Rd.	Franklin, WI 53132	938-9997-000							X	X					X		X		
99	James & Jean Langerohl	9970 S. 112th St.	Franklin, WI 53132	938-9988-008							X				X						
100	Anthony H. & Jane A. Mathews	11523 W. 7 Mile Rd.	Franksville, WI 53126	012-04-21-07-006-000							X				X						
101	Mayer, S	11100 W. Oakwood Rd.	Franklin, WI 53132	938-9999-009							X			X			X				
102	Clyde\Barb Perdsock	9223 8 Mile Rd.	Franksville, WI 53126	012-04-21-05-002-000							X	X			X			X	X	X	X
103	Charles H jr Presser	11100 W Oakwood Rd.	Franklin, WI 53132	938-9998-000							X						X		X		X
104	Todd Sarenac	9355 County Line Rd.	Milwaukee, WI 53219	012-04-21-05-009-000							X										
105	Michael Sinda	10126 7 Mile Rd.	Franksville, WI 53126	012-04-21-05-024-000							X						X				X
106	William Soliwoda	239 S. 92nd St.	Franksville, WI 53126	012-04-21-05-003-000							X										
107	Francis Stich	10630 S. 92nd St.	Franklin, WI 53132	944-9998-000							X	X				X				X	
108	William Theys	312 S. 108th St.	Franklin, WI 53132								X			X							
109	Ludwig Vretenar	301 S. 92nd St.	Franksville, WI 53126	012-04-21-05-005-000							X			X	X			X			X
110	Helmut & Adeline Kopp	10944 W. Oakwood Rd.	Franklin, WI 53132	938-9999-004							X	X		X					X	X	X
111	Donald & W Woelbing	8910 W. Bosch Ln.	Franklin, WI 53132	935-9995-000							X				X				X	X	
112	Marvin Wolfe	8400 W. Oakwood Rd.	Franklin, WI 53132	934-9999-002							X			X			X				
113	Waste Management	10712 S. 124th St.	Chicago, IL 60690-1450	010-04-20-01-002-000																	
114	Elroy & W Rynders	8600 W Oakwood Rd.	Franklin, WI 53132	935-9994-002								X		X			X				X
115	Thomas & Chris Gaulke	8674 W. Oakwood Rd.	Franklin, WI 53132	935-9994-004												X			X		
116	Donald & Paulene Acker	10023 S. 92nd St.	Franklin, WI 53132	936-9996-000											X			X			
118	Evelyn Acker	8820 W. County Line Rd.	Franksville, WI 53126	985-9997-001								X								X	
119	Wayne F. & Diane M. Anderson	11761 W. 7 Mile Rd.	Franksville, WI 53126	012-04-21-07-018-000								X			X		X				
121	Doreen Hinkel	9808 W. Oakwood Road	Franklin, WI 53132	936-9998-003															X		
125	Joseph & Sandra Blazek	11530 W. 7 Mile Rd.	Franksville, WI 53126	012-04-21-06-059-016								X		X				X		X	

WELL ID	Owner(s)	Well Address	CityStateZip	Taxkey Id	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
126	Erwin & Vir. Revoc Trust Bosch	8830 W. Oakwood Rd.	Franklin, WI 53132	944-9994-000																	
127	Edwin & Vir. Bosch	8830 W. Oakwood Rd.	Franklin, WI 53132	935-9999-006	X										X				X		
129	Vincent Carriveau	216 Highway 45	Franksville, WI 53126	012-04-21-06-010-010													X				X
131	Frank & Rafaela Rodriguez	10653 S. 76th St.	Franklin, WI 53132	945-9999-000												X					
131	Edward C. Drewitz Trust	219 92nd St.	Franksville, WI 53126	012-04-21-05-007-000											X						
134	Robert F. & Victoria M. Foulston	444 Adeline Dr.	Franksville, WI 53126	012-04-21-06-065-000											X						
135	Scott S. & Diana Fredrickson	8432 W. County Line Rd.	Franksville, WI 53126	985-9999-000								X			X					X	X
138	Ruth M. Grandlich	11722 W. Oakwood Rd.	Franklin, WI 53132	939-9999-000								X				X			X		
140	Shirley Haasch	6614 Channel Rd.	Waterford, WI 53185	012-04-21-06-042-000								X					X				
141	Diane & Kay Hackstein	626-628 Adeline Dr.	Franksville, WI 53126	012-04-21-06-062-000										X					X	X	
142	Mark W. Hagert	10820 S. 92nd St.	Franklin, WI 53132	985-9995-001									X			X				X	
146	William A. & Susie L. Seager	10639 W. 8 Mile Rd.	Franksville, WI 53126	012-04-21-05-019-000									X			X			X	X	
147	Howard W. & Rebecca S. Kietzke	11307 7 Mile Rd.	Franksville, WI 53126	012-04-21-07-007-000											X				X	X	
149	Charles B. Arnold & Cheryl A. Haynes	9375 W. 8 Mile Rd.	Franksville, WI 53126	012-04-21-05-010-000								X		X		X	X			X	
155	Donald L. & Susan M. Kochnowicz	231 108th St.	Oak Creek, WI 53154	012-04-21-06-007-000											X			X	X		
155	Donald & Susan Kochnowicz	231 108 th Street.	Franksville WI 53126	012-04-21-06-007-000															X		
165	Robert & Rachel Millin	12026 W. Oakwood Rd.	Franklin, WI 53132	939-9996-005									X		X		X				
167	Joanne R. & Coblentz Robert M. Pawluk	Rd.	Franksville, WI 53126	987-9997-002													X				
177	Jerry A. & Jessica J. Krause	627 Shirley Dr.	Franksville, WI 53126	012-04-21-06-059-004													X		X		
181	Branden Sumiejski	10830 W. Oakwood Rd.	Franklin, WI 53132	938-9999-005								X								X	
182	James J. & Cheryl A. Bayer	1030 Silvermist Ct.	Franksville, WI 53126	012-04-21-06-012-100														X			
186	Loretta A. Gebel Wulf	10578 S. 92nd St.	Franklin, WI 53132	944-9997-000								X				X			X	X	
191	Dave Mudgett	9911 S. 92nd St.	Franklin, WI 53132	936-9995-000								X	X					X			X
192	Greg Schrubbe	663 108th St.	Franksville, WI 53126	012-04-21-06-069-000								X									
195	Michael Zolecki	11835 W. Ryan Rd	Franklin, WI 53132	891-9989-003																X	
201	Colleen Domask & Steve Vallee	11808 W. Loomis Rd.	Franklin, WI 53132	891-9992-000																X	
214	Robert Deidrich	11111 W. Ryan Rd.	Franklin, WI 53132	892-9991-000																X	
229	Theodore Ignasiak	9880 S. 112th Street	Franklin, WI 53132	893-9999-000									X								
230	Gregory T. Weber	9865 S 92nd ST	Franklin, WI 53132	894-9997-001									X							X	
288	James & Delores Acker	10563 S. 27th Street	Franklin, WI 53132	951-9996-007																X	
294	James Bayer	272 Raynor Avenue	Franksville WI 53126	012-04-21-06-012-100														X	X		
355	Duane & Dorothy Acher	RT 1 Box 158	Franksville, WI 53126	985-9997-003											X			X			
363	Sally Thompson	425 W Willow CT #222	Fox Point, WI 53217	987-9997-003									X								
664	Richard Schweitzer	7912 W Oakwood Road	Franklin, WI 53132	934-9992-004												X					
665	David Schweitzer	20 Watters Court	Franklin, WI 53132	934-9995-000											X				X		
671	Daryl & Ann Kooping	10007 S 76th ST	Franklin, WI 53132	934-9994-001												X					
675	Earl & Lucille Holterman	8180 W Oakwood Road	Franklin, WI 53132	934-9998-001												X			X	X	
680	Marvin W. Wolff	8502 W Oakwood Rd.	Franklin, WI 53132	935-9994-006													X			X	X
698	James & Jean Langenohl	9970 S 112th Street	Franklin, WI 53132	938-9988-005									X		X				X		
700	PROM TRUST PROM, JAMES & JANE	9918 S 112th Street	Franklin, WI 53132	938-9988-007									X		X		X				
705	Ursula Immekus	10070 S 112th Street	Franklin, WI 53132	938-9992-000											X						

WELL ID	Owner(s)	Well Address	CityStateZip	Taxkey Id	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2008
716	Jenny & Steve Heckler	10810 W Oakwood Road	Franklin, WI 53132	938-9999-006									X			X			X		X
722	Walter & Audrey Machulak	Street	Muskego, WI 53150	939-9995-000													X				
727	Robert Millin	12026 W Oakwood Road	Franklin, WI 53132	939-9998-001								X						X			
773	Franklin Meats, Inc.	9431 W Oakwood Road	Franklin, WI 53132	943-9998-000													X				
777	Joanne & Alan Jarocki	10474 S 92nd Street	Franklin, WI 53132	944-9995-000								X				X			X		
778	Slieff, Vogt, and Daniels	10456 S 92nd Street	Franklin, WI 53132	944-9996-000													X			X	
782	Marian Stanizs	10642 S 92nd Street	Franklin, WI 53132	944-9999-002													X		X		
783	Kenneth Kania	10373 S 76TH ST	Franklin, WI 53132	945-9996-000												X			X		
784	Kenneth Moore	10409 S 76TH ST	Franklin, WI 53132	945-9997-000											X			X			
803	Lloyd & Beverly Gellings	21207 W 7 Miles Rd	Franksville, WI 53126	012-04-21-06-004-000													X				
807	George Van Eperen	624 124 St.	Franksville, WI 53126	012-04-21-06-025-000													X		X	X	
809	Bryan & Mandy Jorgensen	11287 7 1/8 Mile Rd.	Franksville WI 53126	012-04-21-06-057-000															X		X
810	Don & Darci Mateika, Jr.	500 Shirley Lane	Franksville WI 53126	012-04-21-06-058-000															X	X	

**Franklin Waste Facility Monitoring Committee
2009 Well Monitoring Report**

Table 3 2009 Residential Well Samples Exceeding the Federal Secondary Drinking Water Standards

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Site #</u>	<u>Results Fe+</u>		<u>Results SO4</u>	
				<u>Iron</u> (mg/L)	<u>MCL</u>	<u>Sulfate</u> (mg/L)	<u>MCL</u>
012.04.21.05.010.000	5	Joseph Bedalov	4	0.56	0.30		
012.04.21.07.010.000	8	Kurt & Sharon Block	6	0.37	0.30		
012.04.21.06.043.000	93	John T. Bunich	8	0.66	0.30		
012.04.21.06.010.020	13	Doris Carriveau	9	0.31	0.30	255	250
985.9999.000	135	Scott & Diana Fredrickson	62	0.63	0.30	299	250
012.04.21.06.021.000	73	Ronald R. Heritz	17	0.43	0.30		
012.04.21.06.057.000	809	Brian & Mandie Jorgensen	61	0.33	0.30		
012.04.21.06.036.000	36	Joseph Knox	24	1.87	0.30		
012.04.21.05.013.000		Sharon Knutsen	63			320	250
012.04.21.06.064.000	45	Jerome M. Metz	33	0.43	0.30		
012.04.21.06.066.000	48	Jon & Barbara Olson	35	0.53	0.30	292	250
012.04.21.05.002.000	102	Clyde & Barb Perdzock	37	0.33	0.30		
938.9998.000	103	Charles Presser	38	0.58	0.30		
935.9998.000	114	Elroy Rynders	40	0.43	0.30		
012.04.21.05.024.000	105	Mike & Lisa Sinda	45			277	250
012.04.21.07.019.000	76	Ken Schingeck	43	0.40	0.30		
012.04.21.06.019.000	78	Ronald Vandenboom	49	0.36	0.30		
012.04.21.05.005.000	109	Ludwig & Shirley Vretenar	51			364	250
012.04.21.06.002.000	66	Carol Welch	53	0.33	0.30		
012.04.21.05.022.000	680	William Zamecnik	59	7.68	0.30		

**Franklin Waste Facility Monitoring Committee
2009 Well Monitoring Report**

Table 4 Historic Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>2008 Residential Well Samples Exceeding Constituent LOD</u>				
			<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)	<u>Chloro- methane</u> (µg/L)	<u>Toluene</u> (µg/L)
985-9997-001	118	Acker	0.46				
012-04-21-05-012-010	149	Arnold		350			
012-04-21-06-059	125	Blazek		260			
012-04-21-07-010	8	Block	0.35	260			
939-9996-002	92	Bonney	0.33				
938-9999-004	110	Kopp			0.21		
985-9999-000	135	Fredrickson	0.69	340			
012-04-21-06-003	25	Gellings	0.39	290			
012-04-21-06-062-000	141	Hackstein		350			
941-9996-000	39	Losey	0.42				
012-04-21-06-058	810	Mateika		340			
010-04-20-01-027	23	Parsons	0.51				
940-9989-000	50	Penn					0.36
012-04-21-05-002	102	Perdzock		280	0.28		
010-04-20-01-013	53	Sanford	0.35				
012-04-21-05-019	146	Seager	0.48	250	0.84		
938-9999-005	181	Sumiejski	0.48				
012-04-21-05-016	64	Theys/Wilke		260			
012-04-21-06-025	807	Van Eperen	0.54				
944-9996-000	778	Vogt/Stieff	0.33			6.40**	
935-9995-000	111	Woelbing	1.40				
012.04.21.05.022.000	680	William Zamecnik	7.68				

* Exceedence of the Federal Secondary Drinking Water Standards

** Above the LOQ

2007 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)	<u>Styrene</u> (µg/L)	<u>Toluene</u> (µg/L)
012-04-21-06-012-100	294	Bayer	0.42	250			
938-9997-000	98	Comp	0.31				
939-9999-000	138	Grandlich	0.93				
012-04-21-06-062-000	141	Hackstein		360			
936-9998-003	121	Hinkel	0.48				
012-04-21-07-007-000	147	Kietzke	0.38				
012-04-21-06-007-000	155	Kochnowicz	1.30				
938-9999-004	110	Kopp			0.16		
012-04-21-06-059-004	177	Krause	0.49				
941-9985-000	20	Latus	0.36				
941-9997-000	42	Mateicka, Sr.		370			
010-04-20-01-001-000	17	Olson	0.32	340			
940-9989-000	50	Penn	0.97				0.48
012-04-21-05-002-000	102	Perdzeck		260	0.22		
938-9998-000	103	Presser			0.61**		
010-04-20-01-013-000	53	Sanford	0.37				
012-04-21-05-019-000	146	Seager	0.37	250	0.37		
012-04-21-06-025-000	807	Van Eperen	0.48	250			
012-04-21-06-017-000	65	VandenBoom	0.51	260	0.74**		
935- 9999-009	808	Woelbing				0.20	

* Exceedence of the Federal Secondary Drinking Water Standards

** Above the LOQ

2006 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)	<u>Chloroform</u> (µg/L)
985-9997-003	355	Acker	1.40			
012-04-21-05-010-000	149	Arnold		340		0.16
012-04-21-06-012-100	294	Bayer	0.42	260		
012-04-21-07-011-000	5	Bedalov	0.36	260		
012-04-21-06-059-016	125	Blazek		270		
012-04-21-07-008-000	72	Carlson	0.55			
012-04-21-06-010-020	13	Carriveau		360		
940-9997-000	14	Couillard	0.35			
985-9994-002	94	Drzewieki,				0.33
012-04-21-06-042-000	89	Gardner	0.36	300		
012-04-21-06-008-000	24	Gellings	0.74	270		
012-04-21-06-044-000	6	Hill		330		
941-9982-000	38	Lange	0.62			
939-9998-001	165	Millin	0.62			
012-04-21-06-066-000	48	Olson	0.30	370		
940-9989-000	50	Penn	0.37		2.7**	
012-04-21-05-002-000	102	Perdzock		270	0.25	
012-04-21-06-013-000	86	Thiessenhusen	0.42			
012-04-21-06-017-000	65	VandenBoom	0.39			
935- 9999-009	808	Woelbing	1.50			
012-04-21-06-046-000	67	Worman	0.42	310		
012-04-21-06-032-000	80	Ziemer	1.30	250		

* Exceedence of the Federal Secondary Drinking Water Standards

** Above the LOQ

2005 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)	<u>Chloro- methane</u> (µg/L)	<u>Chloroform</u> (µg/L)	<u>Toluene</u> (µg/L)
012-04-21-07-018-000	119	Anderson	0.31					
012-04-21-05-010-000	149	Arnold	0.33	340				
010-04-20-01-026-000	12	Bruhn		260				
987-9997-002	167	Coblentz	0.43	310				
012-04-21-06-048-000	46	Fleming, Sr.		320				
012-04-21-06-004-000	803	Gellings	0.46	280				
939-9999-000	138	Grandlich	0.97					
012-04-21-07-002-000	28	Hebron	0.36					
012-04-21-06-021-00	73	Heritz	0.48					
938-9999-004	110	Kopp	0.31		0.18			
012-04-21-06-035-000	7	Ludke	0.31					
939-9995-000	722	Machulak	0.81					
012-04-21-06-060-000	81	Meyer	0.57	270				
939-9996-005	165	Millin	0.55					
012-04-21-06-042-010	88	Nowag	0.71	390			1.2**	0.19
989-9998-003	3	Schill						
012-04-21-07-019-000	76	Schingeck	0.56					
012-04-21-05-019-000	146	Seager	0.53	250	0.37			
012-04-21-05-024-000	105	Sinda		310				
944-9999-002	782	Stanisz				0.19		
012-04-21-06-025-000	807	Van Eperen		260				
012-04-21-06-019-000	78	VandenBoom	0.36	250	0.16			

* Exceedence of the Federal Secondary Drinking Water Standards

** Above the LOQ

2004 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)	<u>Toluene</u> (µg/L)
939-9996-006	91	Berndt	0.42			
012-04-21-07-010-00	8	Block	0.35	260		
010-04-20-01-001-000	16	DeBack	0.46	300		
892-9991-000	214	Diekow	1			
012-04-21-06-048-000	46	Fleming, Sr.		300		
012-04-21-06-008-000	24	Gellings		250		0.16
012-04-21-06-003-000	25	Gellings		250		
012-04-21-05-021-000	26	Gellings	0.35			
012-04-21-06-044-000	6	Hill		330		
012-04-21-06-042-010	88	Nowag	0.34	370		
012-04-21-06-037-000	49	Olson	0.52		0.94**	
940-9989-000	50	Penn	0.35		0.93**	
938-9999-006	716	Werther			0.27	

* Exceedence of the Federal Secondary Drinking Water Standards

** Above the LOQ

2003 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)
985-9996-000	117	Acker	1		
012-04-21-07-018-000	119	Anderson	0.33		
942-9998-000	69	Balisteri	0.32		0.87**
012-04-21-06-010-020	13	Carriveau		390	
012-04-21-05-007-000	131	Drewitz	0.36	250	
985-9999-000	135	Fredrickson	0.68	310	
938-9992-000	705	Immekus	0.51		
012-04-21-07-007-000	147	Kietzke	0.51		
012-04-21-06-059-004	177	Krause	0.55	270	
941-9985-000	20	Latus	0.31		
941-9997-000	42	Mateicka, Sr.	0.53	320	
012-04-21-07-006-000	100	Mathews			0.44
939-9996-005	165	Millin	0.49		
012-04-21-06-066-000	48	Olson	0.34	320	
012-04-21-05-002-000	102	Perdzock			0.38
010-04-20-01-013-000	53	Sandford	0.35		
Surface Water			0.31		
012-04-21-05-005-000	109	Vretenar		360	
935- 9999-009	808	Woelbing	6.1		
012-04-21-06-046-000	67	Worman	0.33	270	
012-04-21-06-032-000	80	Ziemer	2.9		

* Exceedence of the Federal Secondary Drinking Water Standards

** Above the LOQ

2002 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)	<u>Chloroform</u> (µg/L)
01204-21-07-011-000	5	Bedalov	0.43	260		
012-04-21-06-059-016	125	Blazek		260		
012-04-21-07-010-00	8	Block		280		
987-9997-002	167	Coblentz	0.95	370		0.75
012-04-21-06-008-000	24	Gellings	0.62	270		
012-04-21-06-003-000	25	Gellings		270		
012-04-21-06-062-000	141	Hackstein		360		
012-04-21-06-021-000	73	Heritz	1.2			
010-04-20-01-004-000	30	Hintz	0.35	250		
Unknown	Unknown	Kolp		350		
012-04-21-06-035-000	7	Ludke	0.3			
940-9989-000	50	Penn			2.8**	
012-04-21-06-042-010	88	Nowag		340		
012-04-21-06-041-000	55	Schemeit	0.65			
012-04-21-07-019-000	76	Schingeck	0.38			
012-04-21-06-055-000	82	Swenson	0.87			
012-04-21-06-017-000	65	VandenBoom	0.41			
012-04-21-06-019-000	78	VandenBoom	0.51		0.33	
012-04-21-05-005-000	109	Vretenar		390		
938-9997-000	98	Whipple			0.25	
012-04-21-06-013-000	86	Williams	0.52	250		
012-04-21-05-022-000	68	Zamecnik	0.45			

* Exceedence of the Federal Secondary Drinking Water Standards

** Above the LOQ

2001 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)
012-04-21-06-019-000	78	VandenBoom			0.33
012-04-21-07-016-000	35	Janikowski			0.36
012-04-21-06-030-000	62	Stroud	0.47		
012-04-21-06-064-000	45	Metz	0.32	250	
941-9997-000	42	Mateicka, Sr.	0.39	350	
941-9982-000	745	Lange	0.62		
012-04-21-05-021-000	26	Gellings	0.58		
012-04-21-06-042-000	89	Gardner	0.48	290	
012-04-21-06-048-000	46	Fleming	0.33	300	
010-04-20-01-031-000	1	Abramowski		260	

* Exceedence of the Federal Secondary Drinking Water Standards

** Above the LOQ

2000 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)	<u>Chloro- methane</u> (µg/L)	<u>Ortho Xylene</u> (µg/L)	<u>1,2,4- Trimethyl benzene</u> (µg/L)
985-9996-000	117	Acker	3.2					
012-04-21-07-018-000	119	Anderson	0.49					
942-9998-000	69	Balisteri			0.56**			
939-9996-006	91	Berndt	0.47					
012-04-21-06-059-016	125	Blazek	0.35	250				
010-04-20-01-001-000	16	DeBack		280	0.13			
985-9999-000	135	Fredrickson	0.53	300				
012-04-21-06-042-000	89	Gardner	0.59	290				
012-04-21-06-004-000	803	Gellings	0.49	260				
939-9999-000	138	Grandlich	0.35					
012-04-21-06-042-000	140	Haasch		270				
936-9997-000	95	Hinkel	0.34					
010-04-20-01-031-000	1	Abramowski			0.25			
Unknown	Unknown	Kolp	0.31	300				
941-9997-000	42	Mateicka, Sr.	0.39	340				
010-04-20-01-020-000	44	Mente	0.99					
939-9996-005	165	Millin	0.47					
012-04-21-06-037-000	49	Olson	0.52		0.92**			
012-04-21-06-066-000	48	Olson	0.79	300				
012-04-21-05-002-000	102	Perdzock		260	0.33			
012-04-21-06-069-000	192	Prodoehl	0.37	420				
935-9994-002	114	Rynders					0.12	0.27
944-9998-000	107	Stick	0.36					
Surface Water			1.7					
938-9999-005	181	Tomczak	0.54					
012-04-21-06-019-000	78	VandenBoom	0.59			0.29		
938-9997-000	98	Whipple	0.36		0.51			

* Exceedence of the Federal Secondary Drinking Water Standards

** Above the LOQ

1999 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)	<u>Chloroform</u> (µg/L)	<u>Toluene</u> (µg/L)
010-04-20-01-001-000	90	Alex	1.7		0.44		
942-9998-000	69	Balisteri			0.32		
012-04-21-06-027-000	4	Barbian	9.2				
01204-21-07-011-000	5	Bedalov	0.37				
939-9996-006	91	Berndt	0.37				
012-04-21-07-010-00	8	Block	0.51				0.13
012-04-21-06-043-000	93	Buncich	0.42				
940-9997-000	14	Couillard	0.33				
010-04-20-01-001-000	16	DeBack	0.3				
010-04-20-01-005-000	70	Gaffney	0.37				
012-04-21-06-003-000	25	Gellings	1.2				
012-04-21-06-031-000	27	Harris	0.32				
012-04-21-06-021-00	73	Heritz	0.43				
936-9997-000	95	Hinkel	0.38				
012-04-21-06-013-000	86	Hubbard	0.46				
012-04-21-06-057-000	809	Jorgenson	0.51				
010-04-20-01-031-000	1	Abramowski			0.22		
938-9999-004	110	Kopp	0.42				
941-9982-000	38	Lange	0.36				
012-04-21-06-038-000	63	Langfeldt	0.5				
941-9997-000	42	Mateicka, Sr.	0.35				
012-04-21-06-066-000	48	Olson	0.32				
012-04-21-06-037-000	49	Olson	0.44		0.44		
940-9989-000	50	Penn	1.3		0.7**		
012-04-21-05-002-000	102	Perdzock			0.29		
010-04-20-01-013-000	53	Sandford	0.45				
012-04-21-05-009-000	104	Savenac	0.5				
012-04-21-07-019-000	76	Schingeck	0.41				
012-04-21-06-040-000	56	Schmid	0.36				
944-9998-000	107	Stick				0.26	
Trip Blank							0.2
012-04-21-06-019-000	78	VandenBoom	0.59				
938-9997-000	98	Whipple			0.35		

* Exceedence of the Federal Secondary Drinking Water Standards
 ** Above the LOQ

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)	<u>Chloroform</u> (µg/L)	<u>Toluene</u> (µg/L)
935- 9999-009	808	Woelbing	0.88				
012-04-21-05-022-000	68	Zamecnik					0.13

* Exceedence of the Federal Secondary Drinking Water Standards
** Above the LOQ

1998 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)
940-9997-000	14	Couillard	0.36		
892-9991-000	214	Diekow	0.78		
012-04-21-06-008-000	24	Gellings	0.72		
012-04-21-06-003-000	25	Gellings	0.35		
012-04-21-06-057-000	809	Jorgenson	0.4	250	
010-04-20-01-031-000	1	Abramowski			0.27
012-04-21-06-066-000	48	Olson	1.2	250	
012-04-21-06-037-000	49	Olson	0.37		

1997 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)	<u>1,1,1- Trichloro- ethane</u> (µg/L)
012-04-21-07-016-000	35	Janikowski	0.38		0.09	
941-9996-000	39	Losey	0.3			0.06
010-04-20-01-020-000	44	Mente	1		0.13	
012-04-21-07-017-000	40	Zirzow			0.25	

1996 Residential Well Samples Exceeding Constituent LOD

<u>Tax ID</u>	<u>Well ID</u>	<u>Owner</u>	<u>Iron*</u> (mg/L)	<u>Sulfate*</u> (mg/L)	<u>Dichloro difluoro methane</u> (µg/L)
012-04-21-06-010-020	13	Carriveau		270	
012-04-21-06-048-000	46	Fleming, Sr.		280	
010-04-20-01-005-000	70	Gaffney	0.3		
941-9997-000	42	Mateicka, Sr.	0.52	310	0.16
010-04-20-01-003-000	87	Meyers	0.49		
012-04-21-06-046-000	67	Worman		260	

* Exceedence of the Federal Secondary Drinking Water Standards

** Above the LOQ

MAP 1
2009 Well Sampling Report
Sample Locations



- Testing Site
- Testing Site, Organic Compound Detected