

**Items Submitted into the Public Record to Support Remarks of  
Jonathan T. Eckhardt, Ph.D. before the Madison Water Utility Board on June 26,  
2012.**

### City of Madison Permitted Private Wells

ADDRESS	House_Age	Expiration	Status	Alder District	City_Water
1101 GAMMON LANE	1956	2/2/2012	PERMITTED	01	AVAILABLE
2501 JEFFY TRAIL	1993	11/12/2012	PERMITTED	01	AVAILABLE
5927 SCHROEDER ROAD	1953	9/9/2012	PERMITTED	01	AVAILABLE
7555 WELTON DRIVE	1979	10/31/2013	PERMITTED	01	AVAILABLE
8327 MIDTOWN ROAD	1976	10/11/2012	PERMITTED	01	AVAILABLE
8839 ANCIENT OAK LANE		11/15/2014	PERMITTED	01	AVAILABLE
9001 MID TOWN ROAD	1970	6/1/2015	PERMITTED	01	AVAILABLE
9025 MID TOWN ROAD	1967	6/1/2015	PERMITTED	01	AVAILABLE
9101 MID TOWN ROAD	1969	6/1/2015	PERMITTED	01	AVAILABLE
88 HAWKS LANDING CIRCLE	C	11/16/2012	PERMITTED	01	EXEMPT
1 PRAIRIE HILL COURT	2002	11/16/2012	PERMITTED	01	NO
10 PRAIRIE HILL COURT	1999	7/12/2012	PERMITTED	01	NO
1001 SUGAR MAPLE LANE		11/15/2014	PERMITTED	01	NO
1009 SOUTH VIEW ROAD	2000	5/15/2013	PERMITTED	01	NO
2 PRAIRIE HILL COURT	2004	1/28/2014	PERMITTED	01	NO
2055 WOODS ROAD	1999	11/7/2011	PERMITTED	01	NO
21 PRAIRIE HILL COURT	1997	5/3/2012	PERMITTED	01	NO
22 PRAIRIE HILL COURT	2000	8/11/2013	PERMITTED	01	NO
8402 PRAIRIE HILL ROAD	2003	11/16/2012	PERMITTED	01	NO
8426 PRAIRIE HILL ROAD	2003	8/6/2012	PERMITTED	01	NO
8433 PRAIRIE HILL ROAD	2003	8/6/2012	PERMITTED	01	NO
8434 PRAIRIE HILL ROAD	1999	10/11/2012	PERMITTED	01	NO
8502 PRAIRIE HILL ROAD	2003	9/17/2012	PERMITTED	01	NO
8510 PRAIRIE HILL ROAD	2004	11/12/2012	PERMITTED	01	NO
8526 PRAIRIE HILL ROAD	2003	9/17/2012	PERMITTED	01	NO
8533 PRAIRIE HILL ROAD	2003	4/29/2013	PERMITTED	01	NO
901 SUGAR MAPLE LANE		11/15/2014	PERMITTED	01	NO
953 SUGAR MAPLE LANE		11/15/2014	PERMITTED	01	NO

### City of Madison Permitted Private Wells

69 WHITE OAKS LANE	1945	3/28/2012	PERMITTED	01	SEE NOTES
70 WHITE OAKS LANE	1993	3/28/2012	PERMITTED	01	SEE NOTES
80 WHITE OAKS LANE	1964	10/15/2015	PERMITTED	01	SEE NOTES
1624 S HIGH POINT ROAD	1995	11/15/2014	PERMITTED	01	AVAILABLE
720 E GORHAM STREET	C	8/6/2012	PERMITTED	02	YES
221 N SPRECHER ROAD	1962	4/13/2014	PERMITTED	03	AVAILABLE
406 RUSTIC DRIVE	1979	7/17/2013	PERMITTED	03	AVAILABLE
4234 COMMERCIAL AVENUE	1954	8/30/2014	PERMITTED	03	AVAILABLE
601 S SPRECHER ROAD	1976	9/26/2013	PERMITTED	03	AVAILABLE
6302 MILWAUKEE STREET	1963	9/3/2013	PERMITTED	03	AVAILABLE
6802 COTTAGE GROVE ROAD	1910	6/1/2014	PERMITTED	03	AVAILABLE
7102 COTTAGE GROVE ROAD	C	10/1/2013	PERMITTED	03	AVAILABLE
7402 COTTAGE GROVE ROAD	C	1/7/2014	PERMITTED	03	AVAILABLE
301 S STOUGHTON ROAD		12/31/2014	PERMITTED	03	EXEMPT
302 N WALBRIDGE AVENUE	C	3/18/2014	PERMITTED	03	EXEMPT
1402 REINER ROAD	C	7/1/2014	PERMITTED	03	NO
2001 REINER ROAD	C	12/11/2013	PERMITTED	03	NO
2801 REINER ROAD	1966	7/17/2013	PERMITTED	03	NO
5622 MILWAUKEE STREET	C	12/29/2013	PERMITTED	03	NO
5709 MILWAUKEE STREET	C	12/11/2013	PERMITTED	03	NO
6106 MILWAUKEE STREET	C	12/11/2013	PERMITTED	03	NO
6802 COUNTY ROAD T	C	10/23/2013	PERMITTED	03	NO
810 VERNON ROAD	1969	6/1/2015	PERMITTED	03	NO
818 VERNON ROAD	1960	11/1/2015	PERMITTED	03	NO
1318 REINER ROAD	1940	7/1/2014	PERMITTED	03	SEE NOTES
609 REINER ROAD	C	9/12/2013	PERMITTED	03	SEE NOTES
902 REINER ROAD	C	9/3/2013	PERMITTED	03	SEE NOTES
5135 COMMERCIAL AVENUE	1971	11/21/2013	PERMITTED	03	SEE NOTES

### City of Madison Permitted Private Wells

7101-7105 RAYMOND ROAD	1965	7/12/2012	PERMITTED	07	AVAILABLE
8051 RAYMOND ROAD	C	1/7/2014	PERMITTED	07	EXEMPT
2326 CANTERBURY ROAD	1978	7/1/2014	PERMITTED	07	YES
3995 SHAWN TRAIL	1948	9/3/2013	PERMITTED	09	AVAILABLE
8901 MINERAL POINT ROAD	C	10/23/2013	PERMITTED	09	AVAILABLE
9624 OLD SAUK ROAD	1950	10/31/2013	PERMITTED	09	AVAILABLE
7302 MINERAL POINT ROAD	C	3/28/2012	PERMITTED	09	EXEMPT
8802 VALLEY VIEW ROAD	C	1/12/2014	PERMITTED	09	NO
9409 BLACKHAWK ROAD	1979	7/1/2013	PERMITTED	09	SEE NOTES
9001 OLD SAUK ROAD	1890	12/18/2013	PERMITTED	09	SEE NOTES
702 S HIGH POINT ROAD	C	7/1/2013	PERMITTED	09	YES
702 S HIGH POINT ROAD	C	7/1/2013	PERMITTED	09	YES
4145 COUNTRY CLUB ROAD	C	8/4/2013	PERMITTED	10	EXEMPT
4145 COUNTRY CLUB ROAD (Well #2)	C	8/4/2013	PERMITTED	10	EXEMPT
4611 W BELTLINE HIGHWAY	C	7/1/2014	PERMITTED	10	EXEMPT
2816 SYLVAN AVENUE	1926	9/17/2012	PERMITTED	11	AVAILABLE
2941 HARVEY STREET	1936	8/30/2014	PERMITTED	11	AVAILABLE
1602 SHERIDAN DRIVE	1934	3/15/2014	PERMITTED	12	AVAILABLE
1729 SHERIDAN DRIVE	1940	5/1/2014	PERMITTED	12	AVAILABLE
2398 SHERIDAN DRIVE	1989	6/1/2015	PERMITTED	12	AVAILABLE
4514 PACKERS AVENUE	1946	1/15/2015	PERMITTED	12	AVAILABLE
4513 N SHERMAN AVENUE	1959	7/11/2012	PERMITTED	12	YES
200 NYGARD STREET	1960	5/1/2014	PERMITTED	13	SEE NOTES
1610 MOORLAND ROAD	C	9/15/2014	PERMITTED	14	EXEMPT
2600 W BELTLINE HIGHWAY	C	3/15/2014	PERMITTED	14	EXEMPT
501 EAST BADGER ROAD			Being drilled June 2011	14	EXEMPT
3218 LAKE FARM ROAD	1985	9/10/2013	PERMITTED	14	NO
3214 SYENE ROAD	C	11/15/2011	TNC - County Tested	14	YES

City of Madison Permitted Private Wells

3040 COMMERCIAL AVENUE	1925	3/28/2012	PERMITTED	15	AVAILABLE
2621 ANDERSON STREET	NOLST	6/1/2014	PERMITTED	15	EXEMPT
3629 MARSH ROAD	1919	7/10/2012	PERMITTED	16	AVAILABLE
3725 MARSH ROAD	1954	5/3/2012	PERMITTED	16	AVAILABLE
4002 TORMEY LANE	1950	7/1/2014	PERMITTED	16	AVAILABLE
4502 MARSH ROAD	C	8/4/2013	PERMITTED	16	AVAILABLE
4733 MARSH ROAD	1969	5/3/2012	PERMITTED	16	AVAILABLE
5002 VOGES ROAD	1965	1/8/2013	PERMITTED	16	AVAILABLE
5021 VOGES ROAD	1956	5/15/2013	PERMITTED	16	AVAILABLE
5025 VOGES ROAD	1949	1/1/2014	PERMITTED	16	AVAILABLE
5101 VOGES ROAD	1960	6/15/2013	PERMITTED	16	AVAILABLE
5102 MEINDERS ROAD	1983	9/3/2013	PERMITTED	16	AVAILABLE
5102 VOGES ROAD	1950	5/15/2013	PERMITTED	16	AVAILABLE
5106 MEINDERS ROAD	NOLST	9/10/2013	PERMITTED	16	AVAILABLE
5310 SIGGLEKOW ROAD	1959	5/3/2012	PERMITTED	16	AVAILABLE
5409 FEMRITE DRIVE	1869	9/17/2012	PERMITTED	16	AVAILABLE
6135 FEMRITE DRIVE	1870	4/29/2014	PERMITTED	16	AVAILABLE
6221 COTTAGE GROVE ROAD		11/1/2014	PERMITTED	16	AVAILABLE
6701 E. BROADWAY #3	C	8/30/2014	PERMITTED	16	COM PARKS
6701 E. BROADWAY #4	C	8/30/2014	TNC (11306537) - County Tested	16	COM PARKS
6701 E. BROADWAY #5	C	8/30/2014	TNC (11306548) - County Tested	16	COM PARKS
3612 MARSH ROAD	C	5/15/2014	PERMITTED	16	EXEMPT
3620 MARSH ROAD	C	9/17/2012	PERMITTED	16	EXEMPT
4426 CATALINA PARKWAY	C	9/29/2013	PERMITTED	16	EXEMPT
5830 FEMRITE DRIVE	C	5/15/2014	PERMITTED	16	EXEMPT
1002 S SPRECHER ROAD	1928	4/13/2014	PERMITTED	16	NO
3135 MEIER ROAD	C	11/21/2013	PERMITTED	16	NO
3363 MEIER ROAD	1900	3/20/2014	PERMITTED	16	NO

City of Madison Permitted Private Wells

5801 COTTAGE GROVE ROAD	1971	10/4/2012	PERMITTED	16	NO
5817 COTTAGE GROVE ROAD	1935	11/15/2015	PERMITTED	16	NO
5825 COTTAGE GROVE ROAD	1985	11/1/2015	PERMITTED	16	NO
5901 COTTAGE GROVE ROAD	C	11/1/2015	PERMITTED	16	NO
6503 COTTAGE GROVE ROAD	C	9/10/2013	PERMITTED	16	SEE NOTES
4414 FEMRITE DRIVE	1939	9/15/2014	PERMITTED	16	SEE NOTES
4818 E BUCKEYE ROAD	1951	5/15/2013	PERMITTED	16	YES
5210 SIGGLEKOW ROAD	1957	11/12/2012	PERMITTED	16	YES
5513 FEMRITE DRIVE	C	5/15/2014	PERMITTED	16	YES
1051 N THOMPSON DRIVE	1970	5/1/2014	PERMITTED	17	AVAILABLE
3214 LOTHEVILLE ROAD	1984	5/3/2012	PERMITTED	17	AVAILABLE
3305 LOTHEVILLE ROAD	1967	3/18/2014	PERMITTED	17	AVAILABLE
3517 PORTAGE ROAD	1960	6/29/2012	PERMITTED	17	AVAILABLE
3529 PORTAGE ROAD	1926	8/15/2015	PERMITTED	17	AVAILABLE
4165 HANSON ROAD	NOLST	10/31/2013	PERMITTED	17	AVAILABLE
4225 LIEN ROAD	1940	3/28/2012	PERMITTED	17	AVAILABLE
5014 LIEN ROAD	C	11/15/2015	PERMITTED	17	AVAILABLE
5917 AMERICAN PARKWAY	1966	7/12/2012	PERMITTED	17	AVAILABLE
5929 AMERICAN PARKWAY	1967	5/15/2014	PERMITTED	17	AVAILABLE
3300 COMMERCIAL AVENUE	C	1/15/2015	PERMITTED	17	EXEMPT
3758 E WASHINGTON AVENUE	C	4/30/2014	PERMITTED	17	EXEMPT
4111 SYCAMORE AVENUE	C	9/15/2014	PERMITTED	17	EXEMPT
4400 SYCAMORE AVENUE	C	1/15/2015	PERMITTED	17	EXEMPT
5305 WAYNE TERRACE #2	C	6/10/2013	PERMITTED	17	EXEMPT
5331 WAYNE TERRACE	C	8/15/2015	PERMITTED	17	EXEMPT
5335 WAYNE TERRACE	C	6/1/2014	PERMITTED	17	EXEMPT
6000 AMERICAN PARKWAY - (POND)	C	10/1/2015	PERMITTED	17	EXEMPT
6000 AMERICAN PARKWAY - COOLING TOWER	C	10/1/2015	PERMITTED	17	EXEMPT

### City of Madison Permitted Private Wells

6000 AMERICAN PARKWAY- (AMPHI THEATRE C BLDG-	C	10/1/2015	PERMITTED	17	EXEMPT
6000 AMERICAN PARKWAY (SUPPORT LOT)	C	10/1/2015	PERMITTED	17	EXEMPT
3829 HOEPKER ROAD	1969	3/24/2013	PERMITTED	17	NO
4082 HOEPKER ROAD	C	3/18/2014	PERMITTED	17	NO
1001 WOODWARD DRIVE	1948	6/1/2014	PERMITTED	18	AVAILABLE
302 TROY DRIVE	1900	3/28/2012	PERMITTED	18	AVAILABLE
4426 WESTPORT ROAD	1923	8/4/2013	PERMITTED	18	AVAILABLE
6000 N SHERMAN AVENUE	C	8/30/2014	TNC (11307395) - County Tested	18	COM PARKS
6098 N SHERMAN AVENUE	C	8/30/2014	PERMITTED	18	COM PARKS
4309 GREEN AVENUE	1955	11/15/2014	PERMITTED	18	YES
6108 S HIGHLANDS AVENUE	1968	5/21/2006	SAMPLE 1	19	YES
1111 WILLOW LANE	1933	3/24/2013	PERMITTED	19	AVAILABLE
1705 HEIM AVENUE	2001	4/16/2013	PERMITTED	19	AVAILABLE
1715 LAUREL CREST	1954	3/20/2014	PERMITTED	19	AVAILABLE
1723 BAKER AVENUE	1955	7/12/2012	PERMITTED	19	AVAILABLE
1821 THORSTRAND ROAD	1962	5/11/2012	PERMITTED	19	AVAILABLE
1826 THORSTRAND ROAD	1966	4/29/2013	PERMITTED	19	AVAILABLE
1830 THORSTRAND ROAD	1956	3/10/2014	PERMITTED	19	AVAILABLE
1857 THORSTRAND ROAD	1918	3/28/2012	PERMITTED	19	AVAILABLE
20 EVERGLADE CIRCLE	1961	8/23/2012	PERMITTED	19	AVAILABLE
314 GLEN HIGHWAY	1922	4/29/2013	PERMITTED	19	AVAILABLE
321 N GAMMON ROAD	1955	10/31/2014	PERMITTED	19	AVAILABLE
5024 LAKE MENDOTA DRIVE	1943	7/15/2014	PERMITTED	19	AVAILABLE
5025 LAKE MENDOTA DRIVE	1952	5/3/2012	PERMITTED	19	AVAILABLE
5406 PARK WAY	1941	5/1/2014	PERMITTED	19	AVAILABLE
5510 LAKE MENDOTA DR	1902	8/1/2014	PERMITTED	19	AVAILABLE
5516 LAKE MENDOTA DR	1923	3/18/2014	PERMITTED	19	AVAILABLE
5709 LAKE MENDOTA DRIVE	1951	8/30/2014	PERMITTED	19	AVAILABLE

## City of Madison Permitted Private Wells

5840 THORSTRAND ROAD	1954	8/30/2014	PERMITTED	19	AVAILABLE
5921 THORSTRAND ROAD	1963	1/15/2015	PERMITTED	19	AVAILABLE
601 N GAMMON ROAD	1951	1/15/2015	PERMITTED	19	AVAILABLE
6021 OLD MIDDLETON ROAD	1948	7/7/2014	PERMITTED	19	AVAILABLE
6026 S HIGHLANDS AVENUE	1960	10/11/2012	PERMITTED	19	AVAILABLE
6038 OLD MIDDLETON ROAD	1940	10/15/2013	PERMITTED	19	AVAILABLE
6109 S HIGHLANDS AVENUE	1954	6/15/2014	PERMITTED	19	AVAILABLE
6115 N HIGHLANDS AVENUE	1940	3/24/2013	PERMITTED	19	AVAILABLE
6205 S HIGHLANDS AVENUE	1975	5/15/2013	PERMITTED	19	AVAILABLE
6209 S HIGHLANDS AVENUE	1956	3/24/2013	PERMITTED	19	AVAILABLE
6901 OLD SAUK COURT	1954	5/11/2012	PERMITTED	19	AVAILABLE
200 THORSTRAND ROAD	C	8/30/2014	PERMITTED	19	COM PARKS
5102 SPRING COURT	C	8/30/2014	PERMITTED	19	COM PARKS
100 THORSTRAND ROAD	1988	1/7/2014	PERMITTED	19	SEE NOTES
1822 THORSTRAND ROAD	1954	3/15/2014	PERMITTED	19	SEE NOTES
401 N GAMMON ROAD	C	6/18/2013	PERMITTED	19	YES
505 N GAMMON ROAD	1910	10/9/2013	PERMITTED	19	YES
6117 S HIGHLANDS AVENUE	1954	6/10/2013	PERMITTED	19	YES
6210 S HIGHLANDS AVENUE	1965	6/15/2014	PERMITTED	19	YES
6213 COUNTRYSIDE LANE	1940	9/1/2014	PERMITTED	19	YES
805 BLUE RIDGE PARKWAY	1965	11/12/2012	PERMITTED	19	YES
1118 WOODLAND WAY	1948	12/20/2011	PERMITTED	20	YES

<b>Available</b>	<b>86</b>
No Main	38
Exempt	27
City Water	18
<b>See Notes</b>	<b>14</b>
City Parks	7



## City of Madison Permitted Private Wells

ADDRESS	House_Age	Expiration	Status	Alder District	City_Water
1101 GAMMON LANE	1956	2/2/2012	PERMITTED	01	AVAILABLE
2501 JEFFY TRAIL	1993	11/12/2012	PERMITTED	01	AVAILABLE
5927 SCHROEDER ROAD	1953	9/9/2012	PERMITTED	01	AVAILABLE
7555 WELTON DRIVE	1979	10/31/2013	PERMITTED	01	AVAILABLE
8327 MIDTOWN ROAD	1976	10/11/2012	PERMITTED	01	AVAILABLE
8839 ANCIENT OAK LANE		11/15/2014	PERMITTED	01	AVAILABLE
9001 MID TOWN ROAD	1970	6/1/2015	PERMITTED	01	AVAILABLE
9025 MID TOWN ROAD	1967	6/1/2015	PERMITTED	01	AVAILABLE
9101 MID TOWN ROAD	1969	6/1/2015	PERMITTED	01	AVAILABLE
88 HAWKS LANDING CIRCLE	C	11/16/2012	PERMITTED	01	EXEMPT
1 PRAIRIE HILL COURT	2002	11/16/2012	PERMITTED	01	NO
10 PRAIRIE HILL COURT	1999	7/12/2012	PERMITTED	01	NO
1001 SUGAR MAPLE LANE		11/15/2014	PERMITTED	01	NO
1009 SOUTH VIEW ROAD	2000	5/15/2013	PERMITTED	01	NO
2 PRAIRIE HILL COURT	2004	1/28/2014	PERMITTED	01	NO
2055 WOODS ROAD	1999	11/7/2011	PERMITTED	01	NO
21 PRAIRIE HILL COURT	1997	5/3/2012	PERMITTED	01	NO
22 PRAIRIE HILL COURT	2000	8/11/2013	PERMITTED	01	NO
8402 PRAIRIE HILL ROAD	2003	11/16/2012	PERMITTED	01	NO
8426 PRAIRIE HILL ROAD	2003	8/6/2012	PERMITTED	01	NO
8433 PRAIRIE HILL ROAD	2003	8/6/2012	PERMITTED	01	NO
8434 PRAIRIE HILL ROAD	1999	10/11/2012	PERMITTED	01	NO
8502 PRAIRIE HILL ROAD	2003	9/17/2012	PERMITTED	01	NO
8510 PRAIRIE HILL ROAD	2004	11/12/2012	PERMITTED	01	NO
8526 PRAIRIE HILL ROAD	2003	9/17/2012	PERMITTED	01	NO
8533 PRAIRIE HILL ROAD	2003	4/29/2013	PERMITTED	01	NO
901 SUGAR MAPLE LANE		11/15/2014	PERMITTED	01	NO
953 SUGAR MAPLE LANE		11/15/2014	PERMITTED	01	NO

City of Madison Permitted Private Wells

69 WHITE OAKS LANE	1945	3/28/2012	PERMITTED	01	SEE NOTES
70 WHITE OAKS LANE	1993	3/28/2012	PERMITTED	01	SEE NOTES
80 WHITE OAKS LANE	1964	10/15/2015	PERMITTED	01	SEE NOTES
1624 S HIGH POINT ROAD	1995	11/15/2014	PERMITTED	01	AVAILABLE
720 E GORHAM STREET	C	8/6/2012	PERMITTED	02	YES
221 N SPRECHER ROAD	1962	4/13/2014	PERMITTED	03	AVAILABLE
406 RUSTIC DRIVE	1979	7/17/2013	PERMITTED	03	AVAILABLE
4234 COMMERCIAL AVENUE	1954	8/30/2014	PERMITTED	03	AVAILABLE
601 S SPRECHER ROAD	1976	9/26/2013	PERMITTED	03	AVAILABLE
6302 MILWAUKEE STREET	1963	9/3/2013	PERMITTED	03	AVAILABLE
6802 COTTAGE GROVE ROAD	1910	6/1/2014	PERMITTED	03	AVAILABLE
7102 COTTAGE GROVE ROAD	C	10/1/2013	PERMITTED	03	AVAILABLE
7402 COTTAGE GROVE ROAD	C	1/7/2014	PERMITTED	03	AVAILABLE
301 S STOUGHTON ROAD		12/31/2014	PERMITTED	03	EXEMPT
302 N WALBRIDGE AVENUE	C	3/18/2014	PERMITTED	03	EXEMPT
1402 REINER ROAD	C	7/1/2014	PERMITTED	03	NO
2001 REINER ROAD	C	12/11/2013	PERMITTED	03	NO
2801 REINER ROAD	1966	7/17/2013	PERMITTED	03	NO
5622 MILWAUKEE STREET	C	12/29/2013	PERMITTED	03	NO
5709 MILWAUKEE STREET	C	12/11/2013	PERMITTED	03	NO
6106 MILWAUKEE STREET	C	12/11/2013	PERMITTED	03	NO
6802 COUNTY ROAD T	C	10/23/2013	PERMITTED	03	NO
810 VERNON ROAD	1969	6/1/2015	PERMITTED	03	NO
818 VERNON ROAD	1960	11/1/2015	PERMITTED	03	NO
1318 REINER ROAD	1940	7/1/2014	PERMITTED	03	SEE NOTES
609 REINER ROAD	C	9/12/2013	PERMITTED	03	SEE NOTES
902 REINER ROAD	C	9/3/2013	PERMITTED	03	SEE NOTES
5135 COMMERCIAL AVENUE	1971	11/21/2013	PERMITTED	03	SEE NOTES

## Madison Water Utility



Tom Heikkinen, General Manager

119 East Olin Ave.  
Madison, WI 53713  
Telephone: 608 266-4651  
FAX: 608 266-4426

### ORDER TO CONNECT TO MUNICIPAL WATER

February 28, 2012

JONATHAN ECKHARDT & LINDA LOCHBAUM-ECKHARDT  
20 EVERGLADE CIRCLE  
MADISON, WI 53717-1110

Dear Mr. Eckhardt and Mrs. Lochbaum-Eckhardt:

City records list you as owner of the property at **20 Everglade Circle**. A recent review of our records indicates that you are operating a well without a valid permit. The well operation permit granted to the previous owner became void with the sale of the property. Non-permitted wells are not allowed in the City of Madison. In addition, Madison General Ordinances (MGO), Section 13.07, now require that any building used for human habitation is connected to the municipal water system, if available.

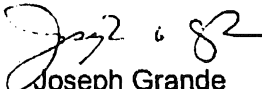
**The house located at 20 Everglade Circle must be isolated from the private well and connected to the municipal system by June 1, 2012.** Then, the private well must be either permitted for irrigation use only or abandoned according to the requirements of the Wisconsin Administrative Code, Chapter NR 812, which includes proper filling and sealing of the well. **If you decide to abandon the well, it must be filled and sealed by a licensed well driller or pump installer by June 1, 2012. If instead you choose to keep the well, for irrigation use only, a permit application and fee must be submitted to the utility by March 15, 2012.**

Additional information regarding well abandonment and reimbursement procedures is provided on the back of this letter. Information regarding well operation permits is included in MGO 13.21.

Questions regarding establishing municipal water service to 20 Everglade Circle should be directed to Dennis Cawley at 261-9243 or [dcawley@madisonwater.org](mailto:dcawley@madisonwater.org). Please contact Dennis when you know the name of the licensed contractor who will perform the work.

Please contact the Water Quality section at 266-4654 if you have any questions about requirements relating to the private well.

Sincerely,

  
Joseph Grande  
Water Quality Manager

Enclosures

cc: Dennis Cawley

(over)

The City of Madison may reimburse a property owner 50% of the cost, up to \$1000, to abandon a private well. Information regarding this program is enclosed. **To qualify for reimbursement, the work must be completed by a licensed well driller or pump installer by June 1, 2012. If the work is not completed by the date specified, your ability to seek reimbursement from the City may be jeopardized.** Please contact the Water Utility immediately if you are unable to meet this time frame.

Financial assistance may also be available through the Wisconsin DNR. The program is income dependent and a grant application must be submitted and approved by the DNR prior to the well abandonment taking place. Please contact the DNR at 267-7152 or 267-9350 for more information regarding their program. If eligible, you may seek reimbursement from both city and state programs.

Section 13.21 (4) of the Madison General Ordinances requires that, "*All wells located in the City of Madison or on premises served by the Madison Water Utility shall be abandoned if no valid well operation permit has been obtained from the Madison Water Utility...*" The purpose of the well abandonment ordinance is to prevent unused and improperly abandoned wells from contaminating the aquifer – the source of Madison's drinking water.

As noted in the enclosed copy of the ordinance, your responsibilities include:

- Contact a licensed well driller or pump installer and schedule the well abandonment.
- Contact the Water Utility, at least 48 hours prior to the abandonment, and provide us the scheduled date and time of the abandonment. Our contact number is 266-4654.
- Pay for the cost of the abandonment.
- Ensure that a completed copy of the Wisconsin DNR Abandonment Form is provided to the Madison Water Utility within ten (10) days of the completion of the well abandonment. This form will be completed by the well driller or pump installer who performs the work.

The responsibilities of the Water Utility include:

- Witness the abandonment to ensure that the private well is properly filled and sealed.

## Madison Water Utility



Tom Heikkinen, General Manager

119 East Olin Ave.  
Madison, WI 53713  
Telephone: 608 266-4651  
FAX: 608 266-4426

## FREQUENTLY ASKED QUESTIONS – WATER SERVICE CONNECTION

**Q1. My water is currently supplied from a private well, why am I required to connect to municipal water now?**

Changes to Madison General Ordinances (MGO) Section 13.07, effective December 2011, require that any building in the City of Madison used for human habitation must be served by municipal water if a water main is available for connection. The water service connection requirement mandates connection within 60 days of the expiration of an existing well operation permit. For any permit expiring in 2012, the property must connect to municipal water no later than December 31, 2012. Temporary exemptions may apply; see below for more information.

**Q2. What is the process for making a residential water service connection?**

To establish water service, a water service application and fee must be submitted to the water utility. The application is available on the utility website, [www.madisonwater.org](http://www.madisonwater.org), under the **Doing Business** link or it may be requested by calling 266-4646. The fees associated with establishing water service include a meter and inspection fee (generally \$150 for a standard residential service). The application and fee may be submitted by either the property owner or a licensed plumber. All applications must be signed by a licensed plumber; in certain cases, the owner may also be required to sign the application. Once the application is approved, scheduling of the project will generally be coordinated by the plumber. After the service lateral is connected to the house, the owner will need to provide the utility with access to the inside of the house to set the water meter.

**Q3. What are the estimated costs with connecting to municipal water?**

The cost of establishing residential water service depends on a number of factors. The primary ones include: (1) whether there is an existing connection to the water main, (2) the setback distance of the building from the water main, and (3) whether there are any outstanding assessments on the parcel. If there is not an existing connection to the water main, the cost to establish water service will be higher. Also, generally the greater the setback distances from the water main the greater the cost. Any pending assessments on the parcel will need to be paid in full in conjunction with the water service application. Note: The water utility recommends getting a **minimum** of two bids from licensed plumbers.

The "typical" cost to connect to municipal water is in the range of \$1500-\$2000 assuming there are no outstanding assessments, there is an existing connection to the water main, and the setback distance is less than 75 feet.

**Q4. Is there any assistance available to help finance the cost of connecting to municipal water?**

There is no reimbursement program to help cover the cost of the residential water service connection. However, a **temporary** exemption may be granted by the water utility if a financial hardship prevents the property owner from making the required connection. To qualify, however, the well must meet current state code, produce safe water, and be tested annually at the well owner's expense. Details on how to apply for this temporary exemption should be available by March 2012 and will be mailed with the official notice ordering the property owner to comply with the residential water service connection requirement.

**Q5. How do I apply for an exemption from the residential water service connection requirement?**

The ordinance provides the opportunity for a **temporary** exemption due to financial hardship or other site conditions. In order to qualify for a temporary exemption, the well owner must petition the Water Utility General Manager in writing within fifteen (15) days of the official notice to connect to municipal water. Additional information regarding the temporary exemption requirements is outlined in MGO 13.07 (2) (d). Details on how to apply for a temporary exemption will be available at [www.madisonwater.org](http://www.madisonwater.org).

**Q6. What happens to the well after the residential water service connection is made?**

Once a water service connection is made to the house, the well must be disconnected from the internal plumbing thereby eliminating any potential cross connection between the well and the municipal water system. After disconnection from the home's plumbing, the well may be properly abandoned, by a licensed well driller or pump installer, according to the requirements of Wisconsin Administrative Code Chapter NR 812 or the well may be permitted for irrigation use only. The water utility encourages the immediate abandonment of the well.

**Q7. What must I do if decide to keep the well?**

If you decide to keep the well, an application and permit fee must be submitted to the water utility and you must provide documentation, signed by a licensed well driller or pump installer, that the well and pump installation meet current state code. The water utility will then inspect and test the irrigation well before a permit can be issued. Information regarding costs and the requirements to permit the well, for irrigation use only, may be found in MGO 13.21 and on the utility's website, [www.madisonwater.org](http://www.madisonwater.org), under the tab marked *Programs*.

**Q8. What must I do if decide to abandon the well?**

In order to properly abandon a well, the pump and all piping must be removed and the well filled and sealed with an approved, impermeable material such as bentonite chips, concrete or neat cement. The work must be performed by a licensed well driller or pump installer according to the requirements of Wisconsin Administrative Code chapter NR 812. Additional information can be found on the enclosed *Frequently Asked Questions – Well Abandonment*, MGO 13.21 and on the utility's website.

**Q9. Is financial assistance available to help pay for the cost to abandon the well?**

Yes, the City of Madison may reimburse a property owner 50% of the cost, up to \$1000, to abandon a private well. Program details are available on the Water Utility website, [www.madisonwater.org](http://www.madisonwater.org), under the *Programs* tab or by calling the utility at 266-4654.

Financial assistance may also be available through the Wisconsin Department of Natural Resources. The DNR offers a limited number of grants to help pay for the abandonment of unused private wells although applicants must meet income eligibility requirements. Please note that the grant application must be submitted prior to any work being done on the well. More information can be found on the DNR website ([dnr.wi.gov/org/caer/cfa/Grants/wellabnd.html](http://dnr.wi.gov/org/caer/cfa/Grants/wellabnd.html)) or by calling the department at 266-8697 or 267-7152. If you qualify, reimbursements may be sought from both the DNR and the City of Madison.



## **FREQUENTLY ASKED QUESTIONS – WELL ABANDONMENT**

### **Q1. What is meant by the term well abandonment?**

The proper abandonment of a private well involves more than no longer using the well or simply covering the well casing (metal pipe) and ignoring it. Technically, the term well abandonment refers to the filling and sealing of an unused well with an approved, impermeable material such as bentonite chips, concrete, or neat cement. Unused and improperly abandoned wells pose a significant threat to groundwater, the source of Madison's drinking water supply. This threat is especially serious for non-abandoned wells located within the vicinity of a municipal well. More information is available on the DNR [website \(dnr.wi.gov/org/water/dwg/Forms/wellabandonment.pdf\)](http://dnr.wi.gov/org/water/dwg/Forms/wellabandonment.pdf).

### **Q2. Why should I abandon my unused or non-complying private wells?**

For one, the Madison General Ordinances ([Chapter 13.21](#)) require it. Domestic wells represent potential conduits or direct pathways for surface contaminants to reach the groundwater supply. If your property is in a wellhead protection area, an area within 1200 feet of a municipal well, groundwater contamination at your well will show up in the municipal water supply. Holes in the basement floor can easily be mistaken as drains for the sewer system. Proper abandonment of an unused well avoids the possibility of contamination by closing and sealing the connection between the land surface and the groundwater below our feet.

### **Q3. What are the requirements for the proper abandonment of a well?**

As of June 1, 2008, only licensed well drillers and pump installers can fill and seal wells under Wisconsin law. These licensed professionals must follow the regulations codified in Wisconsin Administrative Code, Chapter NR 812. In addition, Water Utility staff must be on site for any well abandonment performed in the City of Madison. Please contact the utility at least 48 hours before scheduling to abandon your well. A list of licensed well drillers and pump installers is available on the DNR [website \(dnr.wi.gov/org/water/dwg/Contacts.htm\)](http://dnr.wi.gov/org/water/dwg/Contacts.htm).

### **Q4. What should I do if I find evidence of a potential unused well on my property?**

Please contact Madison Water Utility at 266-4654 or [water@cityofmadison.com](mailto:water@cityofmadison.com) if there is any evidence of an unused or non-abandoned well on your property, or you have reason to believe one may exist. If you are not sure, Water Utility staff can perform a short, complimentary inspection. You will be required to abandon the well if the presence of one is confirmed.

Q5. What does it cost to properly abandon a private well?

The cost of a well abandonment depends on a number of factors, the primary ones being depth of the well and whether the pump is present and needs to be pulled. A “typical” abandonment costs \$500-\$1000 but may be more or less depending on the well depth and ease with which the pump can be removed. Well drillers typically charge by the foot so deeper wells are more expensive to abandon than shallow ones.

Q6. Is any financial assistance available to help pay for the well abandonment?

As of January 2010, the City of Madison may reimburse a property owner 50% of the cost, up to \$1000, to abandon a private well. Program details are available on the Water Utility website, [madisonwater.org](http://madisonwater.org), or by calling the utility at 266-4654.

Financial assistance also may be available through the Department of Natural Resources. The department offers a limited number of grants to help pay for the abandonment of unused private wells. Applicants must not exceed income thresholds to qualify. **In addition, you must apply for the grant AND have an approval letter in hand before any work is completed.** More information can be found on the DNR website ([dnr.wi.gov/org/caer/cfa/Grants/wellabnd.html](http://dnr.wi.gov/org/caer/cfa/Grants/wellabnd.html)) or by calling the department at 267-7152 or 267-9350.

Q7. Are private wells allowed in the City of Madison?

According to city and state code, unused private wells must be abandoned. However, private domestic wells are permissible in the City of Madison as long as the following criteria for the issuance of a well operation permit are satisfied. Permits are issued by the Water Utility.

- (1) The well and pump installation must satisfy the requirements of Chapter NR 812 of the Wisconsin Administrative Code.
- (2) The well must produce bacteriologically safe water; that is, the water must be free of coliform bacteria including *E. coli*.
- (3) The well must not be cross-connected to the municipal water system.



### 13.07 SERVICE CONNECTIONS.

- (1) Standards. Service connections and other attachments to any of the water mains shall be made in conformity to the rules and regulations of the Water Utility Board.
- (2) Residential Connections Required.
  - (a) Purpose. This Subsection is enacted pursuant to Wis. Stat. Sec. 281.45, the City finding that requiring residential water service connections where available is necessary to assure the preservation of public health, and the comfort and safety of City residents.
  - (b) Definitions. For the purposes of this Subsection, the following definitions apply:
    1. Building means any structure built for the support, shelter or enclosure of persons, animals, chattels or movable property of any kind, and which is permanently affixed to the land.
    2. General Manager shall mean the Water Utility General Manager, or his or her designee.
    3. Human habitation means the use of a building or other structure for human occupancy, including but not limited to cooking, eating, bathing and sleeping. This term does not include the use of a building or other structure for commercial, industrial or other similar uses, unless the building or structure is also used for actual occupancy by a human.
    4. Lot means an individual lot or tax parcel, as the case may be.
    5. Structure means anything constructed or erected, the use of which requires more or less permanent location on the ground, or attached to something having permanent location on the ground, and in the case of flood plain areas, in the stream bed or lake bed.
    6. Unsafe has the meaning given to it by MGO Section 13.21(3).
  - (c) Requirement. Except as provided in Subdivision (d), any building used for human habitation and located on a lot either through which a water main runs, that is adjacent at any point to a public right-of-way or easement through which a water main runs, or that is in a block through which a water main extends, shall be connected with the water main pursuant to the standards set forth in Subsection (1). Connections shall be made within 60 days of the expiration of a valid well operation permit issued under MGO Section 13.21(5) unless the expiration occurs before December 31, 2012, in which case the connection shall be required by December 31, 2012. However, for properties annexed into or attached to the City of Madison, connection shall be made within 180 days of the effective date of said annexation or attachment.
  - (d) Temporary Exemption. If the owner of a building that would otherwise be subject to the connection requirement set forth in Subdivision (c) has a valid well operation permit issued under MGO Section 13.21(5), the following applies:
    1. The owner of the building who demonstrates that the requirements of this Subsection would cause a financial hardship, or that they

are impractical due to site conditions that may include a setback in excess of 200 feet or located on a developable lot that has yet to be subdivided will be temporarily exempt from the requirements of Subdivision (c) if the Madison Water Utility receives test results from a certified drinking water laboratory, within thirty (30) days of the notice being sent under Subdivision (e), and every twelve (12) months thereafter, that the well is not unsafe.

2. The owner must petition the General Manager in writing for this temporary exemption within fifteen (15) days of the mailing of the notice under Subdivision (e) by the General Manager, otherwise this exemption does not apply.
  3. As a condition of this temporary exemption, the owner must agree that annually the Madison Water Utility, or its agent, may enter the property to conduct well and pump inspections or have water quality tests conducted to verify that the well is not unsafe. The owner further must agree that annual bacteriological and nitrate tests conducted under this Subdivision shall be at the owner's expense and any amount not paid shall be a special charge against the property.
  4. This temporary exemption will expire at the earliest of the following:
    - a. The conditions that resulted in the initial finding and granting of an exemption no longer exist;
    - b. The well being found to be unsafe;
    - c. The owner's transfer of the ownership of the building or lot to another; or,
    - d. The failure of the owner to abide by the conditions of this temporary exemption as set forth in this Subdivision.
    - e. The owner fails to renew the well operation permit for the well prior to its expiration.
  5. Upon either a denial of the temporary exemption upon an initial finding that the well is unsafe or the expiration of the temporary exemption under Paragraph 4, the General Manager shall provide a new notice to the owner of the building of the need to connect with the water main pursuant to Subdivision (e).
  6. This Subdivision may only apply to any building once, and once the exemption is denied or expires, this Subdivision is no longer applicable to the building.
- (e) **Notice.** The General Manager shall provide written notice to the owner of the building required to connect to the water main under this Subsection of the need to connect with the water main by a specified date, no earlier than ten (10) days from the date of the notice. The notice shall be mailed via first class mail to the property owner's last known address, and a copy shall also be served upon the owner or occupant at the building location or may be posted by attaching the notice to the entrance of any building or other structure on the lot. The notice shall include documentation showing

the location of the water main in relation to the lot. The failure to comply with the deadline set forth in the order, or as subsequently amended by the General Manager in writing, shall be deemed a failure to comply with this Subsection and subjects the owner to the penalties set forth in Section 13.23.

- (f) Appeal. The owner of the building required to connect to the water main under this Subsection may, within fifteen (15) days of the mailing of the notice by the General Manager, appeal the notice to connect. The only issues that may be appealed are the actual ownership of the building, whether a finding that the well is unsafe was erroneous, whether the building is used for human habitation, and whether the location of the water main requires connection under Subdivision (c). The Appeal shall be to the Water Utility Board. All requests for appeal shall be filed with the City Clerk, with a copy sent to the General Manager, and must inform the Board of the reasons for the appeal. Within thirty (30) days of the Clerk receiving the appeal, the Board shall hold a hearing at which the parties may offer testimony and documents. Within twenty (20) days of the hearing, the Board shall affirm, modify, or reverse the General Manager's determination that the building must connect to the water main. Appeal from the action of the Board shall be to Circuit Court within thirty (30) days of the determination of the Board.

(g) Failure to Connect.

1. If connection to the water main is not made prior to the deadline set by the General Manager pursuant to Subdivision (e) and an appeal is not proceeding under Subdivision (f), in addition to the penalties set forth in Subdivision (h), the City may, no earlier than within fifteen (15) days of the mailing of the notice by the General Manager, cause the service connection to be made, and the entire expense thereof, including restoration costs, shall be levied as a special charge against the property.
2. The owner may, within 30 days after the completion of the work under Paragraph 1., file a written notice with the City Clerk stating that he or she cannot pay the amount of the special charge in one sum and asking that it be levied in not to exceed five (5) equal annual installments.
3. Upon timely receipt of the notice under Paragraph 2, the full amount of the special charge shall be collected by the City in five (5) equal payments, together with interest at the rate in effect at the time the special charge is levied. Interest shall be determined by the City Comptroller pursuant to MGO Section 4.08(2), but in any event shall not exceed a rate of 15% per year from the completion of the work. The unpaid balance shall be a lien against the property.

### 13.21 WELL OPERATION PERMITS AND WELL ABANDONMENT.

(1) Purpose. The purpose of this ordinance is to prevent the contamination of groundwater and to protect the public health, safety and welfare by assuring that unused, unsafe or noncomplying wells, wells which may serve as conduits for contamination, or wells which may be illegally cross-connected to the public water supply are properly abandoned, and that existing private wells meet State requirements for construction and water quality. Improperly abandoned wells represent potential direct pathways for groundwater contamination to enter the municipal drinking water supply. (Am. by ORD-09-00124, Pub. 8-20-09, Eff. 1-1-10)

(2) Applicability. This ordinance applies to all wells located in the City of Madison or on premises served by the Madison Water Utility.

(3) Definitions.

General Manager shall mean the General Manager of the Madison Water Utility, or his or her designee.

Noncomplying means a well or pump installation which does not comply with the provisions of Wis. Admin. Code ch. NR 812, in effect at the time the well was constructed, a contamination source was installed, the pump was installed or work was done on either the well or pump installation.

Pump installation means the pump and related equipment used for withdrawing water from a well including the discharge piping, the underground connections, pitless adapters, pressure tanks, pits, sampling faucets and well seals or caps.

Unsafe means a well or pump installation which produces water which is bacteriologically contaminated or contaminated with substances in excess of the standards of Wis. Admin. Code chs. NR 809 or 140, or for which a Health Advisory has been issued by the Department of Natural Resources.

Unused means a well or pump installation which is not in use or does not have a functional pumping system.

Well means an excavation or opening into the ground made by digging, boring, drilling, driving, or other methods for the purpose of obtaining groundwater for consumption or other use. Wells for the express purpose of monitoring the quality of ground water and/or gases and/or soil characteristics are exempt from this Ordinance.

Well abandonment means the filling and sealing of a well according to the provisions of Wis. Admin. Code ch. NR 812.

(4) Abandonment Required. All wells located in the City of Madison or on premises served by the Madison Water Utility shall be abandoned by the owner of the property if there is no valid well operation permit issued by the Madison Water Utility under Subsection (5) for the well, or if so required under Wis. Admin. Code § NR 812.26(2). Abandonment under this Subsection shall proceed according to the requirements of Subsection (8). Upon receiving an abandonment notice from the Madison Water Utility, the owner has ninety (90) days to either make an application for a well operation permit under Subsection (5) or abandon the well under Subsection (8), otherwise the Madison Water Utility may proceed with abatement under Subsection (10).

(5) Well Operation Permit.

- (a) Permit Required. No person may operate or maintain a well without a valid well operation permit issued under this Subsection.
- (b) Permit Issuance. If the requirements of this Subsection are met, the Madison Water Utility may grant a well operation permit to a private well owner to operate or maintain a well for a period not to exceed five (5) years. If the requirements of this Subsection are not met, the Madison Water Utility may reject the application or renewal, providing the applicant with the reasons for the denial of the well operation permit in writing.
- (c) Renewal. An owner may request renewal of a valid well operation permit by submitting information verifying that the requirements of this Subsection are met, and that there is a continued need for the well. A request to renew a valid well operation permit must be made to the Madison Water Utility within the six (6) months prior to the expiration of the permit. Failure to timely request a renewal of a valid well operation permit will result in expiration of the permit, and the issuance of an abandonment notice by the Madison Water Utility.
- (d) Testing Requirement. As a condition of the issuance or renewal of a well operation permit, the Madison Water Utility, or its agent, may conduct inspections or have water quality tests conducted at the applicant's expense to obtain or verify information necessary for consideration of a permit application or renewal.
- (e) Application and Permit Fee. Permit applications and renewals shall be made on forms provided by the Madison Water Utility. A permit fee of two hundred dollars (\$200) shall accompany the application. This fee shall include the cost of conducting up to two (2) bacterial examinations of water samples obtained from the well, with the cost of any additional tests required to meet the permit criteria at the applicant's expense.
- (f) Conditions. The following conditions must be met for issuance or renewal of a well operation permit:
  - 1. The well and pump installation have been certified by a licensed well driller or pump installer to meet, or are upgraded to meet, the requirements of Wis. Admin. Code ch. NR 812.
  - 2. The well construction and pump installation have a history of producing bacteriologically safe water as evidenced by at least two (2) samplings taken a minimum of two (2) weeks apart. No exception to this condition may be made for unsafe wells, unless the Department of Natural Resources approves, in writing, the continued use of the well.
  - 3. There are no cross-connections between the well and pump installation and the Madison Water Utility.
- (g) Appeal. If a person's application for a well operation permit, or renewal of a well operation permit, is denied by the Madison Water Utility, as an alternative to the procedures set forth in Section 9.49 of the Madison General Ordinances, the person may appeal within fifteen (15) days of the

mailing of the permit denial notice. Appeal shall be to the Water Utility Board. All requests for appeal shall be filed with the City Clerk and the General Manager, and must inform the Water Utility Board of the reasons for the appeal. Within forty-five (45) days, the Water Utility Board shall hold a hearing at which the parties may offer testimony and documents. Either at or within twenty (20) days of the hearing, the Water Utility Board shall affirm, modify, or reverse the determination that the well operation permit should be denied. Appeal from the action of the Water Utility Board shall be to Circuit Court within thirty (30) days of the determination of the Board.

- (h) Revocation of Permit. If, at any time after the issuance of a well operation permit, the General Manager determines that a well is a serious hazard to the health or safety of the public, the General Manager may revoke the well operation permit and proceed under Subsection (10). The General Manager shall include the reasons for the revocation of the well operation permit in the abatement order issued under that Subsection.
- (6) Required Inspection. Whenever real property with a well on the premises is conveyed pursuant to Wis. Stat. ch. 706, the seller shall contact the Madison Water Utility at least fourteen (14) days prior to the transfer of property. Upon proper notice, the Madison Water Utility may conduct an inspection to determine whether the well should be permitted or abandoned under this section. The failure to contact the Madison Water Utility prior to the transfer of the property as required under this Subsection shall result in the termination of the well operation permit.
- (7) A representative of the Madison Water Utility shall have the power and authority at all reasonable times, for any proper purpose, to enter upon any property in the City of Madison and make inspection thereof. If entry is refused, such representative may obtain a special inspection warrant under Wis. Stat. § 66.0119. Upon request by a representative of the Madison Water Utility, the owner, lessee or occupant of any property so served shall furnish to the inspection agency any pertinent information regarding the well on such property if such information is known to such owner, lessee or occupant. (Am. by Ord. 12,567, 5-3-00)
- (8) Abandonment Procedures.
  - (a) All wells abandoned under the jurisdiction of this ordinance or rule shall be abandoned by a licensed well driller or pump installer according to the procedures and methods of Wis. Admin. Code § NR 812. All debris, pump, piping, unsealed liners and any other obstructions which may interfere with sealing operations shall be removed prior to abandonment.
  - (b) The owner of the well, or the owner's agent, shall notify the Madison Water Utility at least forty-eight (48) hours prior to commencement of any well abandonment activities. The abandonment of the well may be observed by the Madison Water Utility.
  - (c) An abandonment report form, supplied by the Department of Natural Resources, shall be submitted by the well owner to the Madison Water Utility and the Department of Natural Resources within ten (10) days of the completion of the well abandonment.

(d) The Madison Water Utility may require any person who has abandoned a well not in compliance with Subdivision (a) to return and take corrective action so that the well is abandoned by him or her in a complying manner.  
(Cr. by Ord. 12,567, 5-3-00)

(9) Well Abandonment Rebate. Upon the proper abandonment of a well pursuant to this section, the City Engineer, in consultation with the Water Utility General Manager and the Public Health Director, is authorized to issue a rebate to the owner of a property located in the City of Madison or that is served by the Madison Water Utility of up to fifty percent (50%) of the cost to the owner of the abandonment of the well, up to a maximum rebate of one thousand dollars (\$1000.00). In determining the amount of the rebate, any contributions made by Dane County under Dane County Ordinance 46.42 or the Wisconsin Department of Natural Resources under the Well Compensation Program (Chapter NR 123) shall not be considered, provided that the rebate issued by the City under this Subsection, when combined with any contribution made by Dane County and WDNR, shall not exceed the total cost to the owner of abandoning the well. No rebate shall be issued to the owner of a property against whom the City has either issued a citation or made a written referral to the City Attorney for non-compliance with the requirements of this section. Rebates issued under this subsection shall be funded out of the landfill remediation fee as set forth in Section 32.025, MGO. (Cr. by ORD-09-00124, Pub. 8-20-09, Eff. 1-1-10)

(10) Abatement. If the General Manager of the Water Utility determines that an existing well is a serious hazard to the health or safety of the public, then the General Manager may order the owner or operator to abandon or repair the well at the owner or operator's expense, pursuant to this Subsection. A well without a valid well operation permit issued under this Section shall be deemed a public nuisance under this Section.

(a) Summary Abatement.

1. Order of Abatement. If the General Manager determines that a well constitutes a public nuisance and that there is imminent danger to the public health, safety, peace, comfort or welfare, he or she may, without notice or hearing, issue an order to the owner and/or well operator reciting the existence of a public nuisance constituting imminent danger to the public and requiring immediate action be taken as he or she deems necessary to abate the nuisance, including abandonment of the well. Notwithstanding any other provisions of this subsection, the order shall be effective immediately. Any person to whom such order is directed shall comply with the order immediately.
2. Abatement by the Utility. Whenever the owner or operator shall refuse or neglect to remove or abate the condition described in the order, the General Manager may, in his or her discretion, enter upon the property and cause the nuisance to be removed or abated, including abandonment of the well, and the Water Utility shall recover the expenses incurred thereby from the owner or operator

of the property. The expenses so incurred shall be levied as a special charge against the property.

(b) Nonsummary Abatement.

1. Order of Abatement. If the General Manager determines that a well constitutes a public nuisance but that the nature of such nuisance is not such as to threaten imminent danger to the public health, safety, peace, comfort or welfare, he or she shall issue an order reciting the existence of a public nuisance and requiring the owner and/or operator of the property to remove or abate the condition described in the order within the time period specified therein, including abandonment of the well. The order shall be served personally on the owner of the property, as well as the operator if different from the owner and applicable to the described nuisance, or, at the option of the General Manager, the notice may be mailed to the last known address of the person to be served by registered mail with return receipt requested. If the owner or the operator cannot be served, the order may be served by posting it on the main entrance of the premises and by publishing as a class 1 notice under Chapter 985, Wis. Stats. The time limit specified in the order runs from the date of service or publication.

2. Abatement by the Utility. If the owner or operator fails or refuses to comply within the time period prescribed, the General Manager may enter upon the property and cause the nuisance to be removed or abated, including abandonment of the well, and the Water Utility shall recover the expenses incurred thereby from the owner or operator of the property. The expenses so incurred shall be levied as a special charge against the property.

(c) Remedy from Order. The order of the General Manager shall not be appealable to the Water Utility Board. Any person affected by orders issued under this Subsection shall timely apply to the circuit court for an order restraining the Water Utility and the Director of the Water Utility from entering on the premises and abating or removing the nuisance, or be forever barred.

(d) Abatement in Accordance with State Law. Nothing in this article shall be construed as prohibiting the abatement of public nuisances by the Water Utility or its officials in accordance with the laws of the state. The Water Utility or its officials may choose to proceed with an action under state law, upon authorization by the Water Utility Board.

(11) This law does not supersede the State Plumbing Code, Wis. Admin. Code § NR 811 or Chapter 18 of the Madison General Ordinances entitled "Plumbing Code" but is supplementary to them. (Renum. by ORD-09-00124, Pub. 8-20-09, Eff. 1-1-10)



## City of Madison – Private Well Abandonment Reimbursement Program

The purpose of the Well Abandonment ordinance, Madison General Ordinance Section 13.21, is to prevent groundwater contamination of the aquifer supplying City of Madison drinking water wells from unsafe, unused, or non-complying private wells. Effective January 1, 2010, the City of Madison will offer partial reimbursement of the costs to abandon a private domestic well. Generally, the city and water utility are authorized to reimburse up to fifty percent of the cost to abandon a well, to a maximum of \$1000. Reimbursements are limited to actual realized costs to fill and seal the well, and do not include the cost to connect to City water service, if applicable. Funds are limited and some restrictions may apply.

According to city ordinance, owners of private domestic wells must obtain, through the Madison Water Utility, a well operation permit in order to operate a private well located within the City of Madison or the Madison Water Utility service area. In the absence of a valid permit, operation of the private well must cease and the well shall be properly abandoned according to state code. Proper abandonment involves pulling the pumping equipment and filling the well/borehole with an approved, impermeable material. According to state code and city ordinance, the work must be completed by a licensed well driller or pump installer, and the Madison Water Utility must be given a minimum of 48 hours notice to schedule staff to witness the abandonment.

Periodically, an unused or improperly abandoned well is identified during a home inspection. Inspections of this nature often precede the transfer of real estate ownership but may also be initiated by the Madison Water Utility. Any unused or improperly abandoned well, regardless of how it was identified, must be properly abandoned according to the provisions in Wisconsin Administrative Code, Chapter NR 812. Furthermore, any private well which has not been used in the preceding twelve months must also be abandoned.

The following requirements must be met before any payment will be disbursed:

- Notification to the Water Utility, at least 48 hours prior to the abandonment, in order to allow staff to witness the abandonment
- Completed and signed application
- Original paid receipt from a licensed well driller or pump installer that indicates the location where the work was completed and an itemized list of the costs
- Submit to the Madison Water Utility a copy of the well abandonment form (DNR Form #3300-005: Well / Drillhole / Borehole Filling & Sealing). The original form must be submitted to the DNR within 10 days of the abandonment.

Please mail the completed application, original dated receipt, and any required paperwork to:



Madison Water Utility  
c/o Private Well Abandonment  
119 East Olin Avenue  
Madison, WI 53713





**City of Madison  
Private Well Abandonment  
Application for Reimbursement**



Please read program rules before submitting.

**Applicant Information**

Name (please print) \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone Number – Home \_\_\_\_\_ Work/Cell \_\_\_\_\_

**Well Information**

Address of well (if different) \_\_\_\_\_

Additional addresses served by well (if applicable):  
\_\_\_\_\_

Location of abandoned well:  Garage  Basement  Pit  Yard

Depth of well: \_\_\_\_\_ feet

Did the abandonment involve pulling the pumping equipment?  Yes  No

Type & amount of material used to fill & seal well: \_\_\_\_\_

Name of licensed professional who performed the work: \_\_\_\_\_

Date of well abandonment: \_\_\_\_\_ Total cost to abandon the well: \_\_\_\_\_

Did you apply for a well compensation grant and receive a *Letter of Approval* from the Wisconsin Department of Natural Resources?  Yes  No

**Reimbursement Agreement**

I have read, understand, and agree to the terms and conditions of the Well Abandonment Reimbursement Program. By signing this form, I certify that the well located at the above mentioned address was abandoned by a licensed well driller or pump installer according to requirements of Wisconsin Adm. Code, Chapter NR 812. I further certify that the requested reimbursement is for actual out-of-pocket expenses only and that, once connected to the City water supply, a new well operation permit will not be issued for the property.

Applicant Signature \_\_\_\_\_ Date \_\_\_\_\_

-----  
Water Utility Use Only:

WQ App \_\_\_\_\_ Fin App \_\_\_\_\_ Eng App \_\_\_\_\_ Amt \_\_\_\_\_ Date \_\_\_\_\_



# Irrigation Use Only

## WELL OPERATION PERMIT APPLICATION

Address of Well: \_\_\_\_\_

Does well serve multiple addresses? If yes, list addresses:

\_\_\_\_\_

Owner's Name: \_\_\_\_\_

Owners Telephone Number: Home \_\_\_\_\_ Work/Cell \_\_\_\_\_

Owner's E-mail: (optional) \_\_\_\_\_

Owner's Address: \_\_\_\_\_

Madison Water Utility reserves the right to inspect and confirm each of the following conditions are met:

- a) The well and pump installation meet the requirements of the Wisconsin Code, Chapter NR 812.
- b) The well and pump have a history of producing bacteriologically safe water.
- c) There is no cross-connection between the well and the Madison water system.

Owner's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Enclose a check for \$200.00 payable to "City Treasurer".

Mail check and form to Madison Water Utility, 119 E. Olin Avenue, Madison WI 53713

(To be completed by Madison Water Utility)

Well and pump inspected by: \_\_\_\_\_

\$200.00 fee paid PIV# \_\_\_\_\_

Action	Date	Result

The above named applicant has satisfied the requirements of Madison General Ordinance, Section 13.21, regarding the operation of a private well at the location stated above.

This permit is valid through \_\_\_\_\_ or until there is a real estate transaction. Permit is non-transferable.

Authorizing Agent:

Joseph Grande  
Water Quality Manager





# Irrigation Use Only

www.madisonwater.org • 119 East Olin Avenue • Madison, WI 53713-1431 • TEL 608.266.4651 • FAX 608.266.4426

## PRIVATE WELL INSPECTION & CERTIFICATION FORM

Address of Well: \_\_\_\_\_

Owner Name and Address: \_\_\_\_\_

1. Location of Well:  Garage     Basement     Pit (complete #5 below)     Yard

2. Type of Well:     Sandpoint/Driven     Dug     Drilled

3. Well Depth: \_\_\_\_\_ feet                      4. Well Year (if known): \_\_\_\_\_

5. Is there a Well Pit present? (YES / NO) If yes, check all that apply:

Cracks in wall                       Wet floor                       Dampness/Mold                       Water stains

Gravel floor                       None of the above                       Other: \_\_\_\_\_

6. Vermin proof cover present:     Yes     No     Needs to be replaced

7. Height of well casing above ground surface:     <6"     6-11"     12"     >12"

8. Evidence of pitting on casing:     Yes     No

9. Any evidence of the well or pump not complying with the requirements of NR 812?     Yes     No  
If yes, please list or explain all deficiencies (continue on the reverse if needed):

10. This well meets all provisions of NR 812:     Yes     No

11. Is the property connected to municipal water?     Yes     No

If yes, are there any visible cross connections between the well and the municipal supply?  Yes     No

**To the best of my knowledge, the information on this form is true, accurate, and complete.**

Well Driller/Pump Installer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name (please print): \_\_\_\_\_ License #: \_\_\_\_\_

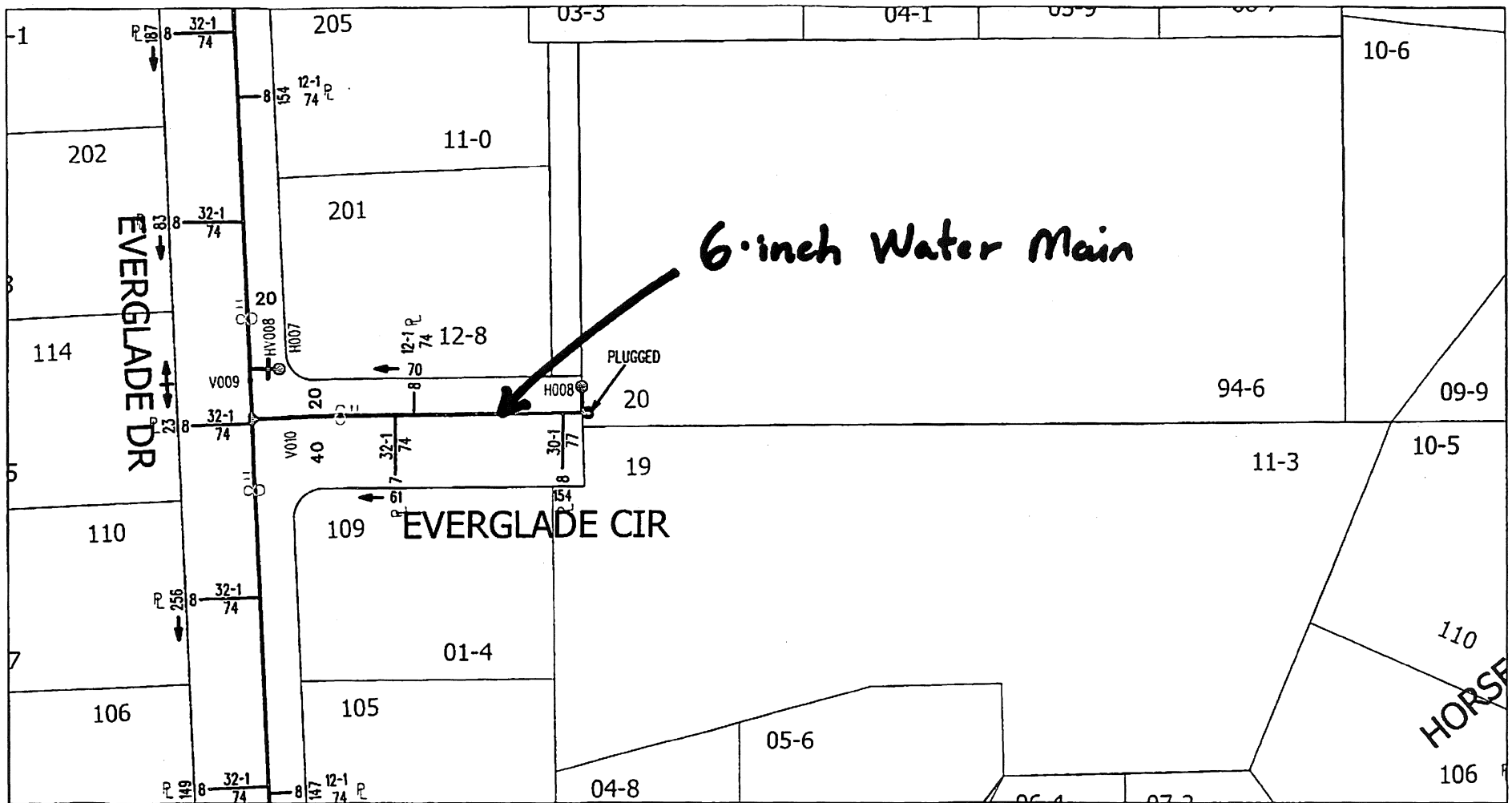
## LICENSED WELL DRILLERS & PUMP INSTALLERS

The Pump Connection 245 Horizon Drive, #101 Verona, WI 53593	(608) 845-8453
Bethke Judd Pumps & Plumbing LLC 408-A S. Nine Mound Rd Verona, WI 53593	(608) 845-6523
Rural Water Service 2210 Schroeder Lane Stoughton, WI 53589	(608) 698-3586 (Cell)
Brad Webster & Sons Drilling 112 Skyline Drive, P.O. Box 377 Arlington, WI 53911	(608) 576-7584 <a href="mailto:bradsdrilling@chorus.net">bradsdrilling@chorus.net</a>
Eckmayer Sewer Service & Well Service N8458 County Road O Waterloo, WI 53594	(608) 837-5297
Sam's Well Drillers, Inc N9935 Pleasant Road Randolph, WI	(608) 251-4318
Arndt & Son Plumbing 201 Railroad Street Brooklyn, WI 53521	(608) 455-6392
Hometown Plumbing 3610 Lexington Avenue Madison, WI 53714	(608) 244-2471

Additional information may also be found at:

- Wisconsin DNR: <http://dnr.wi.gov/org/water/dwg/Contacts.htm>
- Yellow pages under "Water Well Drilling Service & Pump Contractors".

The above contractors have contacted the Water Utility and requested to be included on our courtesy list.



Time: 2/28/2012 2:17:30 PM

Session: F:\Wucommon\GTViewer\GTViewer\_Sessions\GTwater\_net.gts

Note: 20 Everglade Circle

**City of Madison, WI - GIS/Mapping data**

Printed By: wujdg

Disclaimer: The City makes no representation about the accuracy of these records and shall not be liable for any damages



**Time:** 2/28/2012 2:17:06 PM

**Session:** F:\Wucommon\GTViewer\GTViewer\_Sessions\GTwater\_net.gts

**Note:** 20 Everglade Circle

***City of Madison, WI - GIS/Mapping data***

***Printed By:*** wujdg

***Disclaimer:*** The City makes no representation about the accuracy of these records and shall not be liable for any damages



Jon Eckhardt  
Lee Eckhardt  
20 Everglade Circle  
Madison, WI 53717

**URGENT**

March 14, 2012

Tom Heikkinen  
General Manager  
Madison Water Utility  
119 East Olin Avenue  
Madison, WI 53713

Joseph Grande  
Water Quality Manager  
Madison Water Utility  
119 East Olin Avenue  
Madison, WI 53713

RE: Water Service at 20 Everglade Circle, Madison, WI 53717

Dear Mr. Heikkinen and Mr. Grande:

This letter is in response to a letter we received from the Madison Water Utility that was dated February 28, 2012 regarding the well at 20 Everglade Circle, in Madison, WI. Your letter addresses two issues. First, your letter provides notice that we are operating a well without a valid permit with an order to abandon the well, apparently per Madison General Ordinance Section 13.21(4). Second, your letter appears to be an order to connect our residence to the municipal water system by June 1, 2012, per Madison General Ordinance Section 13.07

The deadlines stipulated in your letter require a prompt response. I have been traveling on business and as a result I have not had much time to prepare a full response. However, I did have an opportunity to discuss this issue on the phone and in person with Alder Mark Clear. He was very helpful and we discussed a variety of ways to resolve this issue. We would like to have a brief meeting with you to discuss the unique aspects of our property so we can find ways that this can be resolved in a mutually satisfactory manner. I'm hopeful that the outcome of the meeting will be that the Water Utility will grant us a Well Operation Permit, and a temporary exemption of the connection requirement due to the unique characteristics of the site of the property at 20 Everglade Circle in Madison.

In terms of the first issue, thank you for drawing to our attention the fact that we are operating a well within the city of Madison without a valid Well Operating permit. This is the first notice of abandonment that we have received.

We purchased the home in July of 2010. At the time of purchase the home had a valid well operating permit. We were not aware that when real estate is transferred, that the new owner must apply for a new permit to operate the well. This is unfortunate, in part since the Madison Water Utility was notified by Preferred Title that the property was being sold, and that representatives of the Madison Water Utility discussed the transfer of the property with employees of Preferred Title. Your letter dated February 28, 2012 was the first notice that we have received that we were in non-compliance.

Madison General Ordinance Section 13.21(4) stipulate that upon receiving an abandonment notice from the Madison Water Utility, the owner has 90 days to make an application for a well operation permit, or abandon the well.

Following the process specified in MGO 13.21, we enclose an application for a well operation permit for the well that is located at 20 Everglade Circle, Madison, WI 53717. We note that per 13.21(5), we are actually required to apply for a permit if our residence is served by a private well and we appreciate your cooperation in helping us to comply. In our case, access to our private well is essential for the health and welfare of the occupants since the well is our sole source of water as has been the case for occupants of this residence since 1961.

This is a good well, of excellent design, that is safe, and functioning. The well produces good water. The well was recently inspected by Martin A. Bethke who is a licensed well system inspector. His license number is 5207. Mr. Bethke indicates on the enclosed Private Well Inspection & Certification Form, that this well is compliant with all provisions of NR812.

We apply for an irrigation use only well operation permit at this time, under protest. We do not wish to apply for this permit now as we believe we are permitted a well operation permit. However, in your letter dated February 28, 2012, you appear to convey that if we wish to apply for an irrigation use only well operating permit in the future, that we must do so by March 15, 2012. Our interpretation of Madison General Ordinance Section 13.21(4) is that upon receiving an abandonment notice from the Madison Water Utility, the owner has 90 days to make an application for a well operation permit, or abandon the well. We do not wish to apply for an irrigation permit at this juncture, with the accompanying fees, but we feel compelled to do so as we do not wish to waive our rights to circuit court.

As to the second issue, as we have discussed with Joseph Grande on the phone, we would like to apply for the temporary exemption from this hook-up order under the following grounds:

1. Financial hardship. As you are aware, we recently purchased the home. Purchasing a new home is an expensive endeavor that in our case was accompanied by large unexpected expenses. For example, we incurred significant unexpected expenses in maintaining the property including changing the flooring in the residence, and over \$2,500 in tree maintenance expenses. The costs of connecting our residence to the municipal water system represent a hardship on our household.
2. Impractical site conditions. Our residence is built on a 2.07 acre lot with a large setback that makes the costs of connecting to the municipal water system expensive and impractical. Due to the site conditions, the costs that we would need to incur to connect to

the municipal water service are estimated to exceed \$5,000. The costs are significantly greater than the typical costs to connect of \$1,500 to \$2,000 that are presented in Q3 of the "Frequently Asked Questions" handout that was included with the letter. Further, while we are still investigating this issue, it appears impractical and likely impossible to find a route that will not pass under old majestic trees that stand between the residence and the water main. We are concerned that modern underground boring methods or traditional trenching techniques may damage the root system of these old majestic trees. Further, the design of the residence is such that it will be impractically expensive for some irrigation outlets to be connected to the irrigation well if the home is connected to the city water system.

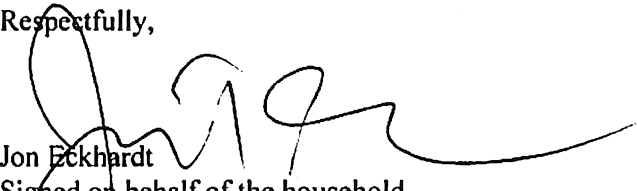
3. Developable Lot. The property is currently zoned A-1, and it is occupied by our family. We believe the building is located on a lot that could potentially be subdivided and developed.

We apologize if we have directed this correspondence to the wrong individuals. The instructions included in your letter dated February 28, 2012 stated that instructions for applying for the temporary exemption would be available at [www.madisonwater.org](http://www.madisonwater.org). However, we found no mention of the residential water service connection requirement on that site.

I am looking forward to meeting with you soon. I am available Thursday and Friday afternoon of this week, and I also have time to meet in the following week. To reiterate, I'm hopeful that the outcome of the short meeting will be that the Water Utility will grant us a Well Operation Permit and a temporary exemption of the connection requirement due to the unique characteristics of the site located at 20 Everglade Circle in Madison. I realize you are busy, and as a result I would like to focus our discussion to that issue.

Please feel free to contact Jon Eckhardt at the above address or at 215.0520 if you have any questions. I appreciate the time that you have spent working with us and Alder Clear on this issue. Thank you for your prompt attention to this matter.

Respectfully,



Jon Eckhardt  
Signed on behalf of the household

Enclosures:

Well Operation Permit Application with payment  
Well Operation Permit Application (Irrigation Use Only) with payment  
Private Well Inspection & Certification Form  
Proposal – Statement of Work (H. J. Pertzborn)

Copied to:

Alder Mark Clear  
210 Martin Luther King, Jr. Blvd  
Room 417  
Madison, WI 53703