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4.0 POTENTIAL CONTAMINANT SOURCES

4.1 CSI

A CSI was performed for the Unit Well 07 area between November 2011 and January 2012. The CSI consisted of a search of government records, database results, maps and a reconnaissance survey of the area within a ½-mile radius and the recharge area equivalent to the delineated 100-year TOT ZOC for Unit Well 07. General land use observations and site reconnaissance were made between November 29 and December 1, 2011.

The location of potential, existing, and former contaminant sources in the WHPA, within a ½-mile radius and the recharge area equivalent to the delineated 100-year TOT ZOC for Unit Well 07 are illustrated in Figure 4-1. Table 4-1 presents a summary of potential contaminant sources that were observed and/or reported to be within the WHPA and review area.

Potential, existing, and former contaminant sources and routes within the WHPA and ZOCs for Unit Well 07 and in close proximity to the ZOCs include 31 spill sites, potential spills along roads; sanitary and storm sewers; 23 sites with in-use USTs; 68 sites with closed USTs; 26 LUST or ERP sites; drycleaners; automotive repair and body work, animal hospitals, road salt use; stormwater drainage systems; several sites with general environmental interest (referenced in environmental lists), and probable use of pesticide, herbicide, and nutrients on parks, commercial and residential lawns and gardens.

Based on the available information, the following are descriptions of known potential, existing, and former contaminant sources in the WHPA, within a ½-mile radius of Unit Well 07 and within the recharge area equivalent to the delineated 100-year TOT of Unit Well 07:

The nearest storm sewer is located 100 feet north of Unit Well 07. The nearest sanitary sewer main is located 55 feet west of Unit Well 07.

Water wells are conduits (routes) to groundwater. A poorly constructed or damaged well may allow contaminants to enter groundwater or to move from one aquifer into another. **No private wells were observed at properties located in the City of Madison in the Unit Well 07 area, during the site reconnaissance survey.**

The WGNHS 201? private well database, Dane County private well list, and the Madison Water Utility private well list were reviewed to identify private wells located in the vicinity of Unit Well 07. ?? records were found for private wells located within, or relatively nearby the area encompassed by the 100 year TOT ZOC for Unit Well 07. The status of several of the private wells is not known. Several of the construction reports are missing



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well and formation data. The majority of the well reports are for wells located at locations approximately ½ to ¾ miles ½, ¾ and ¾ of Unit Well 07.

Wells related to War Development per July All Emp meeting?

Well investigation completed in 2011 by WQ department for Well 7 area?

There are no private sewage disposals systems in the Unit Well 07 WHPA. The nearest private sewage disposal systems are located approximately 2.5 to 3.0 miles north and northeast of Unit Well 07, which are beyond the 100-year TOT ZOC for Well 07. The private sewage disposal systems are considered to be low risk to Unit Well 07.

The Village of Maple Bluff is located 1,500 feet west of Unit Well 07 and provides sewer and water to residents and businesses in the Village of Maple Bluff.

Based on the site reconnaissance and a review of the Wisconsin registered storage tank list, there are 23 active UST sites located within the Unit Well 07 ZOCs. Between all active UST sites there are 61 active USTs within the Well 07 ZOCs. There are two active UST sites located within the Unit Well 07 WHPA. One site containing a 10,000 gallon fuel oil tank is Sherman School, located at 1601 N Sherman Ave, 300 feet south of Unit Well 07. The other is an auto maintenance shop with an active 500 gallon waste oil tank located at 2013 N Sherman Ave, 900 feet north of Unit Well 07.

The nearest site with a closed UST is Sherman School, located at 1601 N Sherman Ave, 300 feet south of Unit Well 07. There are seven closed UST sites in the Unit Well 07 WHPA consisting of 17 USTs.

There are three closed LUST sites and no open LUST sites within 1,200 feet of Unit Well 07. The nearest closed LUST site is Sherman School, located at 1601 N Sherman Ave, 300 feet south of Unit Well 07. The next closest closed LUST site is an auto maintenance shop located at 2013 N Sherman Ave, 900 feet north of Unit Well 07. The third closed LUST site is located at 1521 Almo Dr, 1,100 ft northwest of Unit Well 07. One additional closed LUST site is located within the WHPA, located at 1813 Sheridan St, 1,600 ft northwest of Unit Well 07. There are a total of 26 LUST sites within the Well 07 ZOCs, comprising 31 individual LUST incidents.

Based on the review of the Wisconsin Spills List, no reported spills have occurred within 1,200 feet of Unit Well 07. No reported spills have occurred within the WHPA of Unit Well 07. The nearest spill occurred in 2003 at 1801 Aberg Ave, 1700 ft south-southeast of Unit Well 07. There have been 53 reported spill incidents between 31 sites within the Well 07 ZOCs.

Four drycleaner facilities are located within the Unit Well 07 ZOCs. The nearest location is 1295 N Sherman Ave, 1,700 feet south of Unit Well 07.



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DNR records show that there are no active solid waste disposal sites in the Unit Well 07 ZOCs. There is one historical landfill located within the Unit Well 07 ZOCs. Madison Truax Landfill is located 0.64 miles east of Unit Well 07. Just beyond the 100-year ZOC, about one mile to the south-southeast of Unit Well 07 is the historical landfill at Demetral Field. Junk piles were observed during the site reconnaissance within the 100-year ZOC of Unit Well 07. These sites contain debris, old vehicles, tires, and possibly other materials that could cause groundwater contamination.

No cemeteries were observed in the Unit Well 07 ZOCs.

There are no sludge or septage spreading areas in the Unit Well 07 WHPA or in the upgradient 50-year and 100-year TOT ZOCs.

No agricultural lands were observed within the Unit Well 07 ZOCs. A concern about agricultural fields is the potential for nutrient loading and mixing and use of pesticides and herbicides.

There are several stormwater detention ponds, golf course ponds, and drainage ways located within the Unit Well 07 ZOCs. A concern is the accumulation of contaminants in stormwater runoff from streets and parking lots that may concentrate in the drainage ways and ponds and infiltrate into the aquifer. The nearest pond is 2,700 feet west of Unit Well 07 and is within the 50-year TOT ZOC.

No bulk salt storage sheds or bulk pesticide, fertilizer storage, and/or mix-load sites were identified within the ½-mile radius or the recharge area equivalent to the delineated 100-year TOT of Unit Well 07, or within the upgradient recharge area.

Salt is applied to some roadways in the Unit Well 07 ZOCs during the winter, as a deicer.

The separation distances between Unit Well 07 and potential contaminant sources identified in Wisconsin Administrative Code NR 811.12(5)(d) are summarized in Table 4-2. The required separation distances from Unit Well 07 are met for all known contamination sources.

4.2 LAND USES AND WHP PLANNING

Well 07 is located in a multi-use area that generally is compatible with WHP planning. The site is generally surrounded by residential land use, with institutional land immediately to the south of the site. Commercial, industrial, park, and vacant lands are present in the Unit Well 07 ZOCs. Land uses in Unit Well 07 ZOCs that are not compatible with WHP planning, include major roadways (high potential for spills), gas stations, auto maintenance and auto-body facilities, in-use USTs, industrial processing facilities, vehicle storage and transfer facilities, drycleaning, animal hospitals, stormwater systems and detention ponds (fed by parking lot and street runoff), and debris/junk piles. Land uses summarized in Table 4-2 should be prohibited in the vicinity of Unit Well 07, within the respective minimum separation distances shown. Also, it is not desirable to have

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commercial, manufacturing, or industrial districts located in WHPAs. Land uses summarized in Appendix I identifies land uses that should be prohibited from WHPA Zones A and B. Where any of the uses listed in Table I-1 currently exist within Zones A and B, owners should be allowed to upgrade the facilities to facilitate or enhance groundwater protection.

Tables 4-4 and 4-5 in Appendix I summarize several potential sources of groundwater contamination and land uses, and their relative risk to groundwater, respectively.

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**TABLE 4-1
CONTAMINANT SOURCE INVENTORY SUMMARY
WELLHEAD PROTECTION UNIT WELL 07
MADISON, WI
JANUARY 2012**

Map Site ID No.	FirstSearch Map ID No.	Owner/Location	Database or Reference Source	Existing, Potential, or Former Contaminant Sources	Reported Status	Approximate Distance to Unit Well 16	Location Within Capture Zone	Estimated Threat to Supply Wells
UW7	N/A	Madison Water Utility Unit Well 7 1613 N Sherman Ave Madison, WI	Site Reconnaissance	Hydrofluosilicic acid storage and use	Active	0.0 MI	Zone A	Moderate
1	1	Sherman School Madison Metro School Dist. 1601 North Sherman Ave. Madison, WI	FirstSearch Report a-WI-LUST (DNR Activity No. 03-13-001545) b-WI-Registered UST (Facility ID 1314280)	a-LUST discovered 8/4/1992, closed 10/6/1997 b-UST - 4 tanks Fuel Oil, all 10000 gallons, 3 closed/removed and 1 In Use	a- Closed b- In Use	0.12 MI SW	Zone A	High
2	2	Zippy Lube Robert E Moeller 2013 North Sherman Ave Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 147340) b-WI-LUST (DNR Activity No. 03-13-116737)	a-UST-9 tanks 3 tanks leaded gasoline, (2) 3000 gallons, and 560 gallons, closed/removed 2 tanks unleaded gasoline, 4000 and 2000 gallons, closed/removed 1 tank fuel oil, 1000 gallons, closed/removed 2 tanks waste/used motor oil, 1000 and 550 gallons, closed/removed 1 tank waste/used motor oil, 500 gallons, In Use b-LUST discovered 2/6/1997, closed 11/30/1998	a-Closed/In Use b-Closed	0.16 MI NE	Zone A	High
3	3	Zimmer Property Peter Zimmer 1813 Sheridan St. Madison, WI	FirstSearch Report a-WI-LUST (DNR Activity No. 03-13-242024) b-WI-Registered UST (Facility ID 176391)	a-LUST discovered 9/8/1991, closed 12/01/1999 b-UST-2 tanks 1 tank Fuel Oil, 300,closed 1 tank, waste/used motor oil, 500 gallons, closed	a-Closed b-Closed	0.17 MI NE	Zone A	Moderate
4	4	Emma Loomis 2013 North Sherman Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 75660)	UST-Fuel Oil, 500 gallons, closed/removed	Closed	0.18 MI NE	Zone A	Low
5	5	Olaughlin Property Dolores J Olaughlin 1521 Almo Ave Madison, WI	FirstSearch Report a-WI-LUST (DNR Activity No. 03-13-220633) b-WI-Registered UST (Facility ID 170709)	a-LUST discovered 3/26/1999, closed 8/13/1999 b-UST-Fuel Oil, 275 gallons, closed	a-Closed b-Closed	0.19 MI NW	Zone A	Low
6	6	American Family Mutual Insurance Co 2101 North Sherman Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 52542)	UST-Fuel Oil, 500 gallons, closed	Closed	0.20 MI NE	Zone A	Low
7	8	Don Fasse 1505 Sheridan Dr. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 70089)	UST-Fuel Oil, 1000 gallons, closed/removed	Closed	0.22 MI SW	Zone A	Low
8	NA	Northside Animal Hospital 2121 Sherman Ave Madison WI	Site Reconnaissance	Storage and use of potentially hazardous fluids, animal waste	Animal Hospital - Active	0.22 MI N	Zone A	Low
9	7	St Paul Lutheran Church 2126 North Sherman Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID E)	UST-Fuel Oil, 1000 gallons, closed/removed	Closed	0.22 MI NW	50-Year Capture Zone	Low
10	9	Valley Bank Property Aberg/ North Sherman Ave Madison, WI	FirstSearch Report -WI-LUST (DNR Activity No. 03-13-0003840)	LUST discovered 2/7/1990, closed 5/21/1990	Closed	0.29 MI SW	50-Year Capture Zone	Low

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Map Site ID No.	FirstSearch Map ID No.	Owner/Location	Database or Reference Source	Existing, Potential, or Former Contaminant Sources	Reported Status	Approximate Distance to Unit Well 16	Location Within Capture Zone	Estimated Threat to Supply Wells
11	10	Kline Cleaners Sal Troia 1295 North Sherman Ave Madison, WI	FirstSearch Report a-EPA-RCRA GEN (ID: WID988580726) b-WI-Registered UST (WI ID No. 140088)	a-Small Quantity Generator b-UST-2 tanks 1 tank-Fuel Oil, 500 gallons, closed/removed 1 tank-Waste/Used motor oil, 500 gallons, closed/removed	a-SGN b-Closed	0.32 MI SW	50-Year Capture Zone	Low
12	11	MG & E 1801 Aberg Ave Madison, WI	FirstSearch Report -WI-Spills (old Spill ID 04-13-461318)	Spill Incident Occurred, 11/01/2002, unknown extent	Closed	0.32 MI SE	50-Year Capture Zone	Low
13	12	Elaine Borchert 2306 North Sherman Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 74696)	UST-Fuel Oil, 1000 gallons, closed/removed	Closed	0.33 MI NW	50-Year Capture Zone	Low
14	13	MG & E 1721 Loftsgordon Ave Madison, WI	FirstSearch Report -WI-Spills (old Spill ID 04-13-495193)	Spill Incident Occurred, 07/06/2003, unknown extent	Closed	0.33 MI SE	50-Year Capture Zone	Low
15	14	Loren Kowing 2306 Freemont Ave Madison, WI	FirstSearch Report -WI-Registered UST (WI ID No. 105458)	UST-Fuel Oil, 1150 gallons, closed/removed	Closed	0.37 MI NW	50-Year Capture Zone	Low
16	15	Chets Auto Car Care Chet Hermansen 2020 Aberg Ave Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 10642) b-WI-Registered UST (Facility ID 677976) c-WI-Spills (old Spill ID 01-13-050525) d-EPA-RCRA GEN/NLR (ID: WID988605739)	a-UST-2 tanks Waste/Used Motor Oil, 878 gallons each, In Use b-UST- 2 tanks Waste/Used Motor Oil, 878 gallons each, In Use c- Spill Incident Occurred, 03/31/1995, unknown extent d-Small Quantity Generator	a-In Use b-In Use c-Closed d-NLR	0.41 MI SE	50-Year Capture Zone	Moderate
17	16	Packers and Schlimgen Madison, WI	FirstSearch Report -WI-Spills (old Spill ID 04-13-040500)	Historic Spill 07/26/1985, unknown extent	Closed	0.42 MI NE	50-Year Capture Zone	Low
18	18	1814 Packers Ave Madison, WI	FirstSearch Report -WI-Spills (old Spill ID 04-13-051415)	Historic Spill 12/13/1995, unknown extent	Closed	0.42 MI NE	50-Year Capture Zone	Low
19	17/19	Laundryland Cleaners 1131 North Sherman Ave. Madison, WI	FirstSearch Report -EPA-RCRA GEN/NLR (ID: WID988600144)	Small Quantity Generator	NLR	0.43 MI SW	50-Year Capture Zone	Low
20	20	Madison Gas & Electric/ Heritage Federal Credit Union 1212 Huxley St. Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 677587) b-WI-Registered UST (Facility ID 607437) c-EPA-RCRA GEN/NLR (ID: WID62062310)	a-UST-Diesel, 480 gallons, In Use b-UST-Diesel, 480 gallons, In Use c-Small Quantity Generator	a-In Use b-Unknown c-NLR	0.45 MI SE	50-Year Capture Zone	Moderate
21	23	Gruenberg's Service Center INC Phillip Roth 1102 North Sherman Ave Madison, WI	FirstSearch Report a-EPA-RCRA GEN/NLR (ID: WIR000033225) b-WI-LUST (DNR Activity No. 03-13-167557) c-WI-Registered UST (Facility ID 84991)	a-Small Quantity Generator b-LUST discovered, 8/12/1997, closed 01/30/2004 c-UST-Fuel Oil/Unleaded Gasoline, 4000 and 1000 gallons, closed/removed	a-NLR b-Closed c-Closed	0.46 MI SW	50-Year Capture Zone	Low
22	24	Speedway SuperAmerica 1101 North Sherman Ave Madison, WI	FirstSearch Report a-WI-Spills (old Spill 04-13-045868) (old Spill 04-13-044994) b-WI-LUST (DNR Activity No. 03-13-001981) -WI-LUST (DNR Activity No. 03-13-536305) c-WI-UST (Facility ID 134962) d-EPA-RCRA GEN (ID: WID988642450)	a-Historic Spill 05/30/1991, unknown extent Historic Spill 08/10/1990, unknown extent b-LUST discovered, 09/17/1993, closed 05/02/2003 Lust discovered, 10/18/2004, last action 01/26/2007 c-UST-3 Tanks, unleaded gasoline, 8000, 8000, and 12000 gallons, In Use d-Small Quantity Generator	a-Closed b-Closed c-In Use d-NLR	0.46 MI SE	50-Year Capture Zone	Moderate
23	25	Gladys Meinholz 1945 Manly St. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 83392)	UST-Fuel Oil, 500 gallons, closed/removed	Closed	0.46 MI NE	50-Year Capture Zone	Low

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JANUARY 2012

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24	26	Langdon Hall Properties 2079 Packers Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 77949)	UST-unknown, 1111 gallons, closed/removed	Closed	0.46 MI NE	50-Year Capture Zone	Low
25	27	Burke Wastewater Treatment Plant 1401 Packers Ave Madison, WI	FirstSearch Report -WI-OTHER	Date contamination reported: 06/11/2002	Continued Investigation	0.47 MI SE	50-Year Capture Zone	Low
26	29,30,32	Maple Bluff Country Club 500 Kensington Road Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 107056) b-EPA-RCRA GEN/NLR (ID: WIR000004838)	a-UST- 7 tanks 2 diesel: 550 and 560 gallons, closed/removed 2 unleaded gasoline: 1500 gallons each, closed/removed 1 leaded gasoline: 300 gallons, closed/removed 1 fuel oil: 1000 gallons, abandoned w/out product 1 content unknown: 250 gallons, closed/removed b-Conditionally Exempt Generator	a-Closed b-NLR	0.48 MI SW	50-Year Capture Zone	Low
27	31	Pollock Auto Body INC 1714 Roth St Madison, WI	FirstSearch Report -EPA-RCRA GEN (ID: WID051218451)	Small Quantity Generator	SGN	0.78 MI SE	50-Year Capture Zone	Low
28	33	1404 Packers Ave. Madison, WI	FirstSearch Report -WI-Spills (old Spill 04-13-050950)	Historic Spill 07/05/1995, unknown extent	Closed	0.49 MI NE	50-Year Capture Zone	Low
29	34	Traffic Signing and Marking INC 1115 Oneil Ave Madison, WI	FirstSearch Report -EPA-RCRA GEN (ID: WID982218406)	Conditionally Exempt Generator	VGN	0.50 MI SE	50-Year Capture Zone	Low
30	35	Kraft Foods Global INC/ Oscar Mayer & Madison Metro North Transfer Point 1201 Huxley St. Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 672621) b-WI-Other (ERP 0213524010)	a-UST-Fuel Oil, 10000 gallons, closed/removed b-ERP, discovered 03/19/2004, closed 02/08/2006	a-Closed b-Closed	0.52 MI SE	50-Year Capture Zone	Low
31	36	Francois Oil Co & Sherman Food Mart 1010 North Sherman Ave Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 62442) UST (Facility ID 674653) b-EPA-RCRA GEN (ID: WIR000041830) c-WI-LUST (DNR Activity No. 03-13-002715)	a-UST-Unleaded Gasoline, 10000 gallons, closed/removed -UST-7 tanks 3 tanks: unleaded gasoline, 10000 gallons each, closed/removed 2 tanks: unleaded gasoline, 15000 & 8000 gallons, In Use 1 tank, diesel, 8000 gallons, In Use 1 tank diesel, 10000 gallons, closed/removed b-Small Quantity Generator c-LUST discovered 09/19/1995	a- Closed or In Use b-SGN c-Open	0.52 MI SW	50-Year Capture Zone	Moderate
32	37	2600 North Sherman Ave Madison, WI	FirstSearch Report -WI-Spills (old Spill ID 04-13-040904)	Historic Spill 2/28/1996, unknown extent	Closed	0.52 MI NE	50-Year Capture Zone	Low
33	373	BTW Aberg Ave and Roth St Madison, WI	FirstSearch Report -WI-Spills (Old Spill ID: 04-13-039572)	Historic Spill, unknown extent	Closed	0.52 MI SE	50-Year Capture Zone	Low
34	359	3715 Freemont Ave Madison, WI	FirstSearch Report -WI-Spills (Old Spill ID: 04-13-049303)	Historic Spill, unknown extent	Closed	0.52 MI NW	50-Year Capture Zone	Low
35	38	Michael F Burke 126 Fisk Place Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 709797)	UST-Fuel Oil, 500 gallons, closed/removed	Closed	0.53 MI SW	50-Year Capture Zone	Low

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36	39	BP Products North America INC 2318 Packers Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 52796)	UST-5 tanks, 2 tanks: unleaded gasoline, 8000 and 6000 gallons, closed/removed 1 tank: fuel oil, 550 gallons, In Use 1 tank: leaded gasoline, 6000 gallons, closed/reomed 1 tank: Other, 30 gallons, closed/removed	Closed and In Use	.54 MI NE	50-Year Capture Zone	Moderate
37	40	City View Venture 1422 Packers Ave Madison, WI	FirstSearch Report a-WI-LUST (DNR Activity No. 03-13-221765) b-WI-UST (Facility ID 58337) c-WI-UST (Facility ID 59863)	a-LUST discovered 4/16/1999, closed 01/02/2001 b-UST, 2 tanks, 1 tank leaded gasoline, 1000 gallons, closed/removed 1 tank diesel, 20000 gallons, closed/removed d-UST-unknown content, 20000 gallons, closed/removed 1 tank leaded gasoline, 1000 gallons, closed/removed	a-Closed b-Closed c-Closed	0.55 MI SE	50-Year Capture Zone	Low
38	41	John and Margaret Hartmeyer 1001 North Sherman Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 108342)	UST-4 tanks, empty; 1000, 6000, 10000, 12000, Abandoned w/o Prod	Abandoned W/O Prod.	0.58 MI SW	50-Year Capture Zone	Low
39	42	Kales Collision & Sparkle Auto Body 2402 Packers Ave Madison, WI	FirstSearch Report -EPA-RCRA GEN/NLR (ID: WID988596458)	Conditionally Exempt Small Quantity Generator	VGN/NLR	0.58 MI NE	50-Year Capture Zone	Low
40	43	Dane CNTY Truax LF Anderson and Pankratz Madison, WI	FirstSearch Report -WI-Other (ID: 021329768)	Date contamination reported: 02/25/2002	Open	0.58 MI NE	50-Year Capture Zone	Moderate
41	44	Qurban LLC and Clark Oil Station 2412 Packers Ave Madison, WI	FirstSearch Report a-EPA-RCRA GEN (ID: WID9886208110) b-WI-Registered UST (Facility ID 63462) c-WI-LUST (DNR Activity No 03-13-001130)	a-Small Quantity Generator b-UST-5 tanks, 2 tanks, 7500 gallons each, closed/removed 2 tanks, 12000 and 10000 gallons, In Use c-LUST discovered, 09/18/1991, closed 11/07/1994	a-SGN b-In Use and Closed c-Closed	0.59 MI NE	50-Year Capture Zone	Moderate
42	45	WI DOT BRIDGE B13-0237-0238 Packers and Aberg Ave Madison, WI	FirstSearch Report a-EPA-RCRA GEN/NLR (ID: WIR000103531) b-WI-Spills (old spill: 04-13-224803)	a-Large Quantity Generator b-Spill Incident Occurred 08/03/1998, unknown extent	a-LGN/NLR b-Closed	0.59 MI SE	50-Year Capture Zone	Low
43	46	Marianne Smalley 1317 Farwell Dr. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 107402)	UST-2 tanks, fuel oil, 500 gallons each, closed/removed	Closed	0.59 MI SW	50-Year Capture Zone	Low
44	47	Cheryl Weston 1311 Farwell Dr. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 651010)	UST-fuel oil, 500 gallons, closed/removed	Closed	0.60 MI SW	50-Year Capture Zone	Low
45	48	BP Products North America INC 2518 Packers Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 52797)	UST-7 tanks 2 tanks: Waste/Used Motor Oil, 550 gallons each, closed/removed 3 tanks: unleaded gasoline, 6000, 6000, & 8000 gallons, closed/removed 1 tank: leaded gasoline, 550 gallons, closed/removed 1 tank: Other, 30 gallons, closed/removed	Closed	0.62 MI NE	50-Year Capture Zone	Low
46	49	Village of Maple Bluff 18 Oxford Place Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 141120)	UST- unleaded gasoline, 1500 gallons, closed/removed	Closed	0.62 MI SW	50-Year Capture Zone	Low

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47	50	John Frautschi 303 Lakewood Blvd Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 95500)	UST-2 tanks, fuel oil, 950 gallons each, closed/removed	Closed	0.63 MI SW	50-Year Capture Zone	Low
48	51	Michael Morey 309 Lakewood Blvd Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 110767)	UST-Fuel Oil, 1000 gallons, closed/removed	Closed	0.63 MI SW	50-Year Capture Zone	Low
49	52	Madison Truax Landfill Aberg Ave. Madison, WI	FirstSearch Report a-WI-Other (ID: 0213001351) b-WI-STATE (ID: HRL000027)	a-Other, discovery of contamination 01/01/1980, closed/removed b-State, revision date 09/20/1993	a-Closed b-Closed	0.64 MI SE	50-Year Capture Zone	Low
50	53	2900 Block Sherman Ave. Madison, WI	FirstSearch Report -WI-Spills (old Spill 04-13-038826)	Historic Spill, 8/12/1982, unknown extent	Closed	0.67 MI NW	100-Year Capture Zone	Low
51	54	Terry Haller 500 Farwell Dr. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 135799)	UST-fuel oil, 2000 gallons, closed/removed	Closed	0.68 MI NW	50-Year Capture Zone	Low
52	55	Ben Rusy 515 Farwell Dr. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 56187)	UST-fuel oil 1000 gallons, closed/removed	Closed	0.69 MI NW	100-Year Capture Zone	Low
53	56	Pressentin Property Gary G Pressentin 524 North Sherman Ave Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 107159) b-WI-LUST (DNR Acitiviy No. 03-13-197088)	a-UST-fuel oil, 300 gallons, closed/removed b-LUST discovered 06/08/1998, closed 2/18/1999	a-Closed b-Closed	0.69 MI SW	100-Year Capture Zone	Low
54	N/A	Madison Cat Clinic 601 Sherman Ave Madison WI	Site Reconnaissance	Storage and use of potentially hazadous fluids, animal waste	Animal Hospital - Active	0.75 MI S	100-Year Capture Zone	
55	57	Robert Fish 523 Farwell Dr Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 174383)	UST-fuel oil, 2000 gallons, closed/removed	Closed	0.69 MI NW	100-Year Capture Zone	Low
56	58	Richard Frohmader 514 Leroy Dr. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 122788)	UST-Fuel Oil, 1000 gallons, closed/removed	Closed	0.70 MI NW	50-Year Capture Zone	Low
57	59	Stege Property Elinor Stege 82 Cambridge Rd Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 74899) b-WI-LUST (DNR Activity No 03-13-002679)	a-UST-fuel oil, 750 gallons, closed/removed b-LUST, discovered 09/13/1995, closed 11/21/1997	a-Closed b-Closed	0.72 MI SW	50-Year Capture Zone	Low
58	529	Jim & Wendy Skinner 74 Cambridge Dr Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 668197)	UST	Closed/Removed	0.72 MI SW	100-Year Capture Zone	Low
59	61	Robert McCoy 639 Farwell Dr. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 125673)	UST-3 tanks: 1 fuel oil, 1000 gallons, closed/removed 1 diesel, 275 gallons, closed/removed 1 leaded gasoline, 275 gallons, closed/removed	Closed	0.73 NW	100-Year Capture Zone	Low
60	62	Madison Gas and Electric Co. & Great Lakes Higher Education 2401 International Lane Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 504227 & 677894) Registered UST (Facility ID 718768)	UST Facility ID 504227 & 677894- diesel, 480 gallons, In Use UST Facility ID 718768-2 tanks 1 tank diesel, 300 gallons, closed/removed 1 tank fuel oil, 500 gallons, In Use	In Use/Closed	0.73 MI NE	100-Year Capture Zone	Low
61	63	Koschkee Transfer 718 Ruskin St. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 637040)	UST-diesel, 10000 gallons, temp. out of service	Temp. out of Service	0.74 MI SE	100-Year Capture Zone	Low
62	64	Madison Gas & Electric 900 Packers Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 712566)	UST-6 tanks, diesel, 1000 gallons each, In Use	In Use	0.75 MI SE	100-Year Capture Zone	Low

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**TABLE 4-1
CONTAMINANT SOURCE INVENTORY SUMMARY
WELLHEAD PROTECTION UNIT WELL 07
MADISON, WI
JANUARY 2012**

Map Site ID No.	FirstSearch Map ID No.	Owner/Location	Database or Reference Source	Existing, Potential, or Former Contaminant Sources	Reported Status	Approximate Distance to Unit Well 16	Location Within Capture Zone	Estimated Threat to Supply Wells
63	65	Amoco Petroleum Products Brian Schommer 484 North Sherman Ave Madison, WI	FirstSearch Report a-Registered UST (Facility ID 129981, 52809, & 52808) b-LUST (DNR Activity No 03-13-001057)	UST-10 tanks: 4 tanks unleaded gasoline, (2) 6000 gallons and (2) 8000 gallons, closed/removed 3 tanks Waste/used motor oil, 550, 500, and 30 gallons, closed/removed 2 tanks leaded gasoline, 6000 gallons each, closed/removed 1 tank fuel oil, 500 gallons, closed/removed	Closed	0.75 MI SW	100-Year Capture Zone	Low
64	66	Midwest Warehouse and Langdon Hall Properties 2701 Packers Ave Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 111119) b-EPA-RCRA GEN (ID: WIR000020750)	a-UST-4 tanks: 2 tanks leaded gasoline, 12000 gallons each, closed/removed 1 tank diesel, 6000 gallons, closed/removed 1 tank empty, 12000 gallons, closed/removed b-Conditionally Exempt Generator	a-Closed b-VGN	0.75 MI NE	50-Year Capture Zone	Low
65	67	Resource Solutions Corp. 2701 Packers Ave Madison, WI	FirstSearch Report -EPA-RCRA GEN/NLR (ID: WIR000020750)	Small Quantity Generator	NLR	0.75 MI NE	50-Year Capture Zone	Low
66	68	Koschkee Transfer 702 Ruskin St. Madison, WI	FirstSearch Report a-WI-LUST (DNR Activity No 03-13-524965) b-WI-Spills (old spill ID 04-13-427693)	a-LUST, discovered 10/28/2002, open b-Spill incident occurred 10/30/2002, unknown extent	a-Open b-Closed	0.76 MI SE	100-Year Capture Zone	Low
67	69	Pauls Classic Cleaners 619 North Sherman Ave Madison, WI	FirstSearch Report a-WI-Other (ID: 02-13-227101) b-RCRA GEN (ID: WID981777634)	a-Other, discovery of contamination 09/30/1999, open b-Conditionally Exempt Generator	a-Open b-VGN	0.76 MI SW	100-Year Capture Zone	Low
68	70	Mary Alice Wimmer 731 Farwell Dr. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 174446)	UST-fuel oil, 250 gallons, closed/removed	Closed	0.77 MI SW	100-Year Capture Zone	Low
69	71	Narlock and Steffke Partnership & Foreway Express INC. 1800 Commercial Ave Madison, WI	FirstSearch Report a-EPA-RCRA GEN (ID: WID988602959) b-WI-LUST (DNR Activity No 03-13-002496) c-WI-Registered UST (Facility ID 116174, 679738, & 604652) d-WI-Spills (old Spill 04-13-037581) (old Spill 04-13-045869) e-EPA-ERNS (ID: 219723)	a-Conditionally Exempt Small Quantity Generator b-LUST discovered, 11/15/2003, closed 02/26/2003 c-UST- 3 tanks: 1 tank-leaded gasoline, 10000 gallons, closed 1 tank-diesel, 10000, closed 1 tank-fuel oil, 1000, closed d- Spill ID 04-13-037581-Historic Spill 03/19/1991, unknown extent Spill ID 04-13-045869-Historic Spill, 05/30/1991, unknown extent e-ERNS-waste oil/lubricants, 100 gallons, closed	a-VGN b-Closed c-Closed d-Closed e-Closed	0.77 MI SE	100-Year Capture Zone	Low
70	72	Dr. Paul Herzog 735 Farwell Dr. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 117115)	UST-Fuel Oil, 1000 gallons, closed/removed	Closed	0.77 MI SW	100-Year Capture Zone	Low
71	73	Ronald Ripp 1900 Northport Ave Madison, WI	FirstSearch Report -WI-Spills (old Spill ID 04-13-443692)	Spill Incident Occurred, 01/14/2002, unknown extent	Closed	0.77 MI NE	50-Year Capture Zone	Low
72	74	James Vaccaro 812 Butternut Rd Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 92383)	UST-fuel oil, 1000 gallons, closed/removed	Closed	0.78 MI SW	100-Year Capture Zone	Low
73	75	Taff Property Dennis Taff 601 Sherman Ave Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 201336) b-WI-LUST (DNR Activity No. 03-13-001540) c-WI-Other (ID 02-13-001540)	a-UST-2 tanks, leaded gasoline, 10000 and 8000 gallons, closed/removed b-LUST, discovered 07/27/1993, open c-Co-contamination, risk date 12/01/1999	a-Closed b-Open c-Open	0.79 MI SE	100-Year Capture Zone	Low
74	76	Madison CTY 1834 Commercial Ave Madison, WI	FirstSearch Report -WI-Spills (old Spill ID 04-13-518126)	Spill Incident Occurred 12/10/2003, unknown extent	Closed	0.79 MI SE	100-Year Capture Zone	Low

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**TABLE 4-1
CONTAMINANT SOURCE INVENTORY SUMMARY
WELLHEAD PROTECTION UNIT WELL 07
MADISON, WI
JANUARY 2012**

Map Site ID No.	FirstSearch Map ID No.	Owner/Location	Database or Reference Source	Existing, Potential, or Former Contaminant Sources	Reported Status	Approximate Distance to Unit Well 16	Location Within Capture Zone	Estimated Threat to Supply Wells
75	77	Durham School Services 710 Ruskin St. Madison, WI	FirstSearch Report a-WI-LUST (DNR Activity No. 03-13-524955) b-WI-UST (Facility ID 636167) c-WI-Spills (old Spill ID 04-13-543932)	a-LUST discovered 03/08/2004, open b-UST-2 tanks 1 tank-diesel, 6000 gallons, In Use 1 tank-fuel oil, 1000 gallons, closed/removed c-Spill Incident Occurred 01/12/2004, unknown extent	a-Open b-In Use/Closed c-Closed	0.80 MI SE	100-Year Capture Zone	Low
76	78	Jon Lancaster 69 Cambridge Road Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 97111)	UST-fuel oil, 2000 gallons, closed/removed	Closed	0.80 MI SW	100-Year Capture Zone	Low
77	79	Ricks Auto 1740 Northport Dr Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 97111)	UST-waste/used motor oil, 180 gallons, In Use	In Use	0.80 MI SE	100-Year Capture Zone	Low
78	80	1740 Northport Dr. Madison, WI	FirstSearch Report -WI-Spills (Old Spill ID 04-13-050398)	Historic Spill 02/22/1995, unknown extent	Closed	0.81 MI NE	100-Year Capture Zone	Low
79	99	Road Ranger LLC/ Jiffy Stop INC/ Warner Park Quick Mart 3101 Sherman Ave Madison, WI	FirstSearch Report a-EPA-RCRA GEN/NLR (ID: WIR000103846) b-WI-Spills (old Spill 04-13-39002882) c-WI-Registered UST (Facility ID 142699) d-WI-LUST (DNR Activity No 03-13-002882) (DNR Activity No 03-13-001075)	a-Large Quantity Generator b-Spill Incident Occurred 04/15/2001, unknown extent c-UST-7 tanks 5 tanks-unleaded gasoline, 4000 gallons, closed/removed 2 tanks-unleaded gasoline, 10000 gallons and 6000 gallons, In Use d-LUST 03-13-002882 discovered 10/21/1996, open LUST 03-13-001075 discovered 07/05/1991, closed 12/13/1991	a-LGN/NLR b-Closed c-In Use/Closed d-Open/Closed	0.86 MI NE	100-Year Capture Zone	Low
80	81	2017 Londonberry Dr Madison, WI	FirstSearch Report -WI-Spills (Old Spill ID 04-13-050565)	Historic Spill 04/12/1995, unknown extent	Closed	0.81 MI NE	100-Year Capture Zone	Low
81	N/A	Madison Police Department- Vehicle Storage 2033 Londonderry Dr Madison WI	Site Reconnaissance	Vehicle Parking and Storage	Active	0.81 MI NE	100-Year Capture Zone	Low
82	82	Madison Realestate Properties 2957 Packers Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 106811)	UST-4 tanks, unknown contents, (2) 175 gallons, 1000 gallons, and 10000 gallons, Abandoned w/o product	Abandoned W/O Prod.	0.81 MI NE	50-Year Capture Zone	Low
83	83	Gary & Kathleen Suter 525 North Sherman Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 135150)	UST-fuel oil, 360 gallons, closed/removed	Closed	0.81 MI SW	100-Year Capture Zone	Low
84	84	Kirch Appliance INC 464 North Sherman Ave Madison, WI	FirstSearch Report -EPA-RCRA GEN(ID: WIR000104745)	Conditionally Exempt Generator	VGN	0.81 MI SW	100-Year Capture Zone	Low
85	85	Woodland Plastics Co 2955 Packers Ave Madison, WI	FirstSearch Report -EPA-RCRA GEN/NLR(ID WID 988579629)	Small Quantity Generator	NLR	0.81 MI NE	50-Year Capture Zone	Low
86	87	Tasc 2409 American Ln Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 718805)	UST-diesel, 194 gallons, In Use	In Use	0.82 MI NE	50-Year Capture Zone	Low
87	88	Northport APT CORP 1702 Northport Dr. Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID114810)	UST-unleaded gasoline, 550 gallons, closed/closed	Closed	0.82 MI NE	100-Year Capture Zone	Low
88	89	One Hour Cleaners 2821 North Sherman Ave Madison, WI	FirstSearch Report -EPA-RCRA GEN/NLR (ID: WID982613390)	Small Quantity Generator	NLR	0.82 MI NE	50-Year Capture Zone	Low

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**TABLE 4-1
CONTAMINANT SOURCE INVENTORY SUMMARY
WELLHEAD PROTECTION UNIT WELL 07
MADISON, WI
JANUARY 2012**

Map Site ID No.	FirstSearch Map ID No.	Owner/Location	Database or Reference Source	Existing, Potential, or Former Contaminant Sources	Reported Status	Approximate Distance to Unit Well 16	Location Within Capture Zone	Estimated Threat to Supply Wells
89	90	Apartment BLDG 1740 Northport Dr Madison, WI	FirstSearch Report -WI-Spills (old Spill 04-13-268994)	Spill incident occurred 10/08/2000, unknown extent	Closed	0.82 MI NE	100-Year Capture Zone	Low
90	91	North Sherman Ave and Northport Dr. Madison, WI	FirstSearch Report -WI-Spills (old Spill 04-13-052369) (old Spill 04-13-041496)	Historic Spill 04-13-052369 02/20/1992, unknown extent Historic Spill 04-13-041496 09/30/1986, unknown extent	Closed	0.83 MI NE	100-Year Capture Zone	Low
91	92	McCormick Co LLC 810 Farwell Dr Madison, WI	FirstSearch Report -WI-Registered UST (Facility UST 158310)	UST-fuel oil, 500 gallons, closed/removed	Closed	0.83 MI SW	100-Year Capture Zone	Low
92	93	Roundhouse Printing 1741 Commercial Ave Madison, WI	FirstSearch Report -EPA-RCRA GEN/NLR(ID: WIR000020149)	Conditionally Exempt Generator	VGN/NLR	0.83 MI SE	100-Year Capture Zone	Low
93	94	Chet Hermansen 2101 Darwin Rd Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 6523)	UST-4 tanks, Waste/Used motor oil, (2) 380 gallons and (2) 500 gallons, In Use	In Use	0.84 MI NE	50-Year Capture Zone	Low
94	95	Four Lakes Aviation Corp 2401 Shaw St Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 152065)	UST-4 tanks, Aviation fuel, (2) 30000 gallons and (2) 20000 gallons, closed/removed	Closed	0.84 MI NE	100-Year Capture Zone	Low
95	96	Turner and Mary Harshaw 825 Farwell Dr Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 139239)	UST-fuel oil, 300 gallons, closed/removed	Closed	0.84 MI SW	100-Year Capture Zone	Low
96	412/413/437	Lake Mendota Madison, WI	FirstSearch Report -WI-Spills (Old Spill ID 04-13-037262)	Historic Spill, unknown extent	Closed	0.84MI NW	50-Year Capture Zone	Low
97	97	Shomberg Property Tony Shomberg 49 Cambridge Rd Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 137998) b-WI-LUST (DNR Activity No 03-13-002433)	a-UST-fuel oil, 1000 gallons, closed/removed b-LUST discovered 08/22/1994, closed 01/07/2005	Closed	0.85 MI SW	100-Year Capture Zone	Low
98	98	Kathleen Hall 725 Farwell Dr Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 659706)	UST-fuel oil, 1000 gallons, closed/removed	Closed	0.85 MI SW	100-Year Capture Zone	Low
99	100	Millvander Property 2530 Pennsylvania Ave Madison, WI	FirstSearch Report -WI-OTHER (ID: 02-13-264455)	OTHER-contamination discovery 01/09/2001, closed 01/22/2001	Closed	0.86 MI SE	100-Year Capture Zone	Low
100	N/A	MG&E Commercial & Pennsylvania	Site Reconnaissance	Electric insulator oil tanks	Active	0.86 MI SE	100-Year Capture Zone	Low
101	101	Shopko Store 034 2602 Shopko Dr Madison, WI	FirstSearch Report a-EPA-RCRA GEN/NLR (ID: WI0000881904) b-WI-OTHER (ID: 02-13-548249)	a-Conditionally Exempt Small Quantity Generator b-OTHER-Contamination discovery 10/25/2006, open	Open	0.86 MI SE	100-Year Capture Zone	Low

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**TABLE 4-1
CONTAMINANT SOURCE INVENTORY SUMMARY
WELLHEAD PROTECTION UNIT WELL 07
MADISON, WI
JANUARY 2012**

Map Site ID No.	FirstSearch Map ID No.	Owner/Location	Database or Reference Source	Existing, Potential, or Former Contaminant Sources	Reported Status	Approximate Distance to Unit Well 16	Location Within Capture Zone	Estimated Threat to Supply Wells
102	102	Oscar Mayer Foods Corp 910 Mayer Ave Madison, WI	FirstSearch Report a-EPA-RCRA GEN(ID: WID006105266) b-EPA-Docket (ID: 05-1992-0088) c-WI-LUST (DNR Activity No 03-13-114831) (DNR Activity No 03-13-001744) (DNR Activity No 03-13-000053) d-WI-Registered UST (Facility ID 115912) (Facility ID 673738)	a-Small Quantity Generator b-settle entered 03/15/1995 c-LUST 03-13-114831 discovered 12/5/1996, closed 5/25/2006 LUST 03-13-001744 discovered 11/13/1992, closed 8/11/1993 LUST 03-13-000053 discovered 2/17/1989, closed 1/23/2008 d-UST 115912-11 tanks 2 tanks, fuel oil, 250 gallons and 250,000 gallons, closed/removed 1 tank, fuel oil, 150,000 gallons, In Use 1 tank, waste/used motor oil, 500 gallons, In Use 1 tank, unleaded gasoline, 9500 gallons, closed/removed 5 tanks, diesel, 1500 gallons each, In Use 1 tank, diesel, 10000 gallons, closed/removed -UST 673738-9 tanks 1 tank, diesel, 12000 gallons, In Use 1 tank, diesel, 10000 gallons, Closed/removed 1 tank, waste/used motor oil, 500 gallons, closed/removed 1 tank, unleaded gasoline 550 gallons, In Use 1 tank, unleaded gasoline, 9500 gallons, In Use 1 tank, leaded gasoline, 10000 gallons, Closed/removed 1 tank, fuel oil, 250 gallons, closed/removed 1 tank, fuel oil, 150000 gallons, In Use 1 tank, fuel oil, 250000 gallons, closed/removed	a-SGN b-ICIS c-Closed d-In Use/Closed	0.87 MI SE	100-Year Capture Zone	Moderate
102 (continued)	102	Oscar Mayer Foods Corp 910 Mayer Ave Madison, WI	e-WI-Other (ID: 02-13-000895) (ID: 02-13-221826) f-WI-Spills (old Spill 04-13-548071) (old Spill 04-13-245306) (old Spill 04-13-248087) (old Spill 04-13-248176) (old Spill 04-13-227043) (old Spill 04-13-264296) (old Spill 04-13-270923) (old Spill 04-13-241160) (old Spill 04-13-230696) (old Spill 04-13-212337) (old Spill 04-13-229872) (old Spill 04-13-262939)	e-Other 02-13-000895, contamination discovered 02/22/1984, unknown extent Other 02-13-221826, contamination discovered 03/04/1999, unknown extent f-Spill 04-13-548071 Incident occurred 04/25/2006, unknown extent Spill 04-13-245306 Incident occurred 12/31/1999, unknown extent Spill 04-13-248087 Incident occurred 02/01/2000, unknown extent Spill 04-13-248176 Incident occurred 03/23/2000, unknown extent Spill 04-13-227043 Incident occurred 10/22/1998, unknown extent Spill 04-13-264296 Incident occurred 08/02/2000, unknown extent Spill 04-13-270923 Incident occurred 12/17/2000, unknown extent Spill 04-13-241160 Incident occurred 07/08/1999, unknown extent Spill 04-13-230696 Incident occurred 09/18/1999, unknown extent Spill 04-13-212337 Incident occurred 08/14/1996, unknown extent Spill 04-13-229872 Incident occurred 12/02/1998, unknown extent Spill 04-13-262939 Incident occurred 01/22/2001, unknown extent	e-Closed f-Closed	0.87 MI SE	100-Year Capture Zone	Moderate

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**TABLE 4-1
CONTAMINANT SOURCE INVENTORY SUMMARY
WELLHEAD PROTECTION UNIT WELL 07
MADISON, WI
JANUARY 2012**

Map Site ID No.	FirstSearch Map ID No.	Owner/Location	Database or Reference Source	Existing, Potential, or Former Contaminant Sources	Reported Status	Approximate Distance to Unit Well 16	Location Within Capture Zone	Estimated Threat to Supply Wells
102 (continued)	102	Oscar Mayer Foods Corp 910 Mayer Ave Madison, WI	f-continued (old Spill 04-13-550150) (old Spill 04-13-548811) (old Spill 04-13-236542) (old Spill 04-13-181521) (old Spill 04-13-385350) (old Spill 04-13-528788) (old Spill 04-13-391430) (old Spill 04-13-271132) (old Spill 04-13-217917) (old Spill 04-13-227692) (old Spill 04-13-051030) (old Spill 04-13-049014) (old Spill 04-13-041208) (old Spill 04-13-052583) (old Spill 04-13-051042) (old Spill 04-13-049245) (old Spill 04-13-048202) (old Spill 04-13-050780) (old Spill 04-13-039771)	f- continued Spill 04-13-550150 Incident occurred 08/17/2007, unknown extent Spill 04-13-548811 Incident occurred 12/31/2006, unknown extent Spill 04-13-236542 Incident occurred 03/01/1991, unknown extent Spill 04-13-181521 Incident occurred 01/15/1998, unknown extent Spill 04-13-385350 Incident occurred 12/23/2001, unknown extent Spill 04-13-528788 Incident occurred 05/15/1993, unknown extent Spill 04-13-391430 Incident occurred 08/22/2002, unknown extent Spill 04-13-271132 Incident occurred 08/09/2000, unknown extent Spill 04-13-217917 Incident occurred 04/05/1999, unknown extent Spill 04-13-227692 Incident occurred 10/22/1998, unknown extent Historic Spill 04-13-051030 07/24/1995, unknown extent Historic Spill 04-13-049014 10/13/1993, unknown extent Historic Spill 04-13-041208 06/13/1986, unknown extent Historic Spill 04-13-052583 07/27/1995, unknown extent Historic Spill 04-13-051042 02/27/1995, unknown extent Historic Spill 04-13-049245 01/19/1994, unknown extent Historic Spill 04-13-048202 03/10/1993, unknown extent Historic Spill 04-13-050780 05/30/1995, unknown extent Historic Spill 04-13-039771 06/02/1984, unknown extent	f-Closed	0.87 MI SE	100-Year Capture Zone	Moderate
103	104	TSA at Dane Co Regional-Truax Field 2701 International Lane Madison, WI	FirstSearch Report -EPA-RCRA GEN(ID: WIR000117838)	Conditionally Exempt Generator	VGN	0.87 NE	100-Year Capture Zone	Low
104	106	Oscar Mayer Foods Corp 910 Mayer Ave Madison, WI	FirstSearch Report -EPA-ERNS(ID: 308019) (ID: 457234)	ERNS 308019, ethylene glycol, 30 gallons, spilled 03/11/1993 ERNS 457234, Hydraulic Oil, 15 gallons, spilled 10/11/1995	ERNS 308019-Fixed Facility ERNS 457234-Highway Related	0.88 MI SE	100-Year Capture Zone	Low
105	107	Crary Estate Property June Carary 2426 Superior St Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 979700 b-WI-LUST (DNR Activity No 03-13-099181)	a-UST-Fuel Oil, 300 gallons, closed/removed b-LUST discovered 03/05/1996, closed 08/26/2004	a-Closed b-Closed	0.88 SE	100-Year Capture Zone	Low
106	109	Graber Residence 659 Farwell Dr Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 185988)	UST-Fuel Oil, 1000 gallons, closed/removed	Closed	0.89 SW	100-Year Capture Zone	Low
107	110	Wisconsin Department of Administration 2602 Shaw St Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 184483)	UST-2 tanks, Aviation Fuel, 10000 gallons each, Abandoned w/out product	Abandoned W/O Prod.	0.91 NE	100-Year Capture Zone	Low
108	111	Bock Property Catherine J Bock 11 Cambridge Rd Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 60693) b-WI-LUST (DNR Activity No 03-13-002669)	a-UST-2 tanks, fuel oil, 1000 and 200 gallons, closed b-LUST discovered 07/18/1995, closed 01/09/1996	a-Closed b-Closed	0.91 MI SW	100-Year Capture Zone	Low
109	114	Anthony Varda 50 Cambridge Rd Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 53403)	UST-Fuel Oil, 1000 gallons, closed/removed	Closed	0.93 MI SW	100-Year Capture Zone	Low
110	115	Four Lakes Aviation Corp Swanson St Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 151535)	UST-10 tanks 4 tanks, Aviation Fuel - 275000, 412500, 550000, 55000 gallons, all Closed 5 tanks, Aviation Fuel - (4) 30000 and 15000 gallons, all In Use 1 tank, Unleaded gasoline, 10000 gallons, In Use	In Use/Closed	0.94 MI NE	100-Year Capture Zone	Low

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**TABLE 4-1
CONTAMINANT SOURCE INVENTORY SUMMARY
WELLHEAD PROTECTION UNIT WELL 07
MADISON, WI
JANUARY 2012**

Map Site ID No.	FirstSearch Map ID No.	Owner/Location	Database or Reference Source	Existing, Potential, or Former Contaminant Sources	Reported Status	Approximate Distance to Unit Well 16	Location Within Capture Zone	Estimated Threat to Supply Wells
111	116	Reynolds Transfer and Storage 2320 Darwin Rd Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 646990)	UST-Fuel Oil, 1500 gallons, closed/removed	Closed	0.94 MI NE	100-Year Capture Zone	Low
112	117	Reynolds Transfer and Storage 2302 Darwin Rd Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 64698)	UST-Unknown Content, 295 gallons, closed/removed	Closed	0.94 MI NE	100-Year Capture Zone	Low
113	120	Omnipress 2600 Anderson St Madison, WI	FirstSearch Report -EPA-RCRA GEN(ID: WID982618050)	Small Quantity Generator	SGN	0.95 MI SE	100-Year Capture Zone	Low
114	121	Bulk Petroleum Corp 3402 Packers Ave madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 72827) b-WI-LUST (DNR Activity No 03-13-001016) c-EPA-RCRA GEN/NLR (ID: WID988601100)	a-UST-5 tanks 3 tanks, unleaded gasoline, (2) 10000 and 8000 gallons, closed/removed 1 tank, leaded gasoline, 10000 gallons, closed 1 tank, diesel, 8000 gallons, closed/removed b-LUST discovered 07/16/1990, closed 05/08/1997 c-Small Quantity Generator	a-Closed b-Closed c-NLR	0.96 MI NE	100-Year Capture Zone	Low
115	122	3001 Sherman Ave Madison, WI	FirstSearch Report -WI-Spills (Old Spill ID: 04-13-037851)	Historic Spill 12/23/1979, unknown extent	Closed	0.96 MI NE	100-Year Capture Zone	Low
116	123	Construction Products Corp Capital Equipment Corp 2421 Darwin Rd Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 64605) b-WI-LUST (DNR Activity No 03-13-001505) c-WI-Spills (Old Spill ID: 04-13-051275) d-EPA-RCRA GEN/NLR (ID: WID062091301)	a-UST-2 tanks 1 tank-diesel, 8000 gallons, closed/removed 1 tank-leaded gasoline, 1000 gallons, closed/removed b-LUST discovered 04/24/1992, closed 06/09/1992 c-Historic Spill 10/05/1995, unknown extent d-Small Quantity Generator	a-Closed b-Closed c-Closed d-NLR	0.96 MI NE	100-Year Capture Zone	Low
117	126	WI Dept. of Military Affairs 2621 Anderson St Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 69794)	UST-3 tanks 1 tank-Unleaded gasoline, 550 gallons, In Use 1 tank-Fuel Oil, 10000 gallons, closed/removed 1 tank-Diesel, 550 gallons, In Use	In Use/Closed	0.97 MI NE	100-Year Capture Zone	Low
118	127	RSM McGladrey 2445 Darwin Rd Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 717323)	UST-Diesel, 366 gallons, In Use	In Use	0.97 MI NE	100-Year Capture Zone	Low
119	128	Richard M Hill 3517 North Sherman Ave Madison, WI	FirstSearch Report -WI-Registered UST (Facility ID 123232)	UST-Fuel Oil, 1000 gallons, In Use	In Use	0.98 MI NE	100-Year Capture Zone	Low
120	129	Vacant Field Swanson St & Shaw St Madison, WI	FirstSearch Report -WI-Spills (Old Spill ID: 04-13-051275)	Spill Incident Occurred 09/04/1997, unknown extent	Closed	0.99 MI SE	100-Year Capture Zone	Low
121	133	Stop N Go Store 3510 Packers Ave Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 134504) b-WI-LUST (DNR Activity No. 03-13-002740) c-EPA-RCRA GEN/NLR (ID: WIR000045062)	a-UST-unleaded gasoline, 10000 gallons each, In Use b-LUST discovered 11/02/1995, closed 04/11/1997 c-Conditionally Exempt Small Quantity Generator	a-In Use b-Closed c-NLR	1.02 MI NE	100-Year Capture Zone	Low
122	N/A	Mobile Homes-Oak Park Packers Ave & Scott St Madison, WI	Site Reconnaissance	Waste storage, Vehicle Parking	Active	1.02 MI NE	100-Year Capture Zone	Low
123	N/A	Kerry Food Products 3502 Packers Ave Madison WI	Site Reconnaissance	Large Truck Storage	Active	1.01 MI NE	100-Year Capture Zone	Low
124	N/A	Care Wisconsin 2802 International Ln Madison, WI	Site Reconnaissance	Vehicle Parking and Storage	Active	0.96 MI NE	100-Year Capture Zone	Low

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**TABLE 4-1
CONTAMINANT SOURCE INVENTORY SUMMARY
WELLHEAD PROTECTION UNIT WELL 07
MADISON, WI
JANUARY 2012**

Map Site ID No.	FirstSearch Map ID No.	Owner/Location	Database or Reference Source	Existing, Potential, or Former Contaminant Sources	Reported Status	Approximate Distance to Unit Well 16	Location Within Capture Zone	Estimated Threat to Supply Wells
125	137	Madison Gas and Electric 3615 North Sherman Ave Madison, WI	FirstSearch Report -EPA-PADS (ID: TRD-2479)	4 Transformers approved 12/21/1998	Transform REG	1.03 MI NE	100-Year Capture Zone	Low
126	142	Dane County Regional Airport Maintance BLDG 2601 Darwin Rd Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 679682 & 66371) (Facility ID 153650)	UST 679682 & 66371-4 tanks 2 tanks-Diesel, 10000 and 500 gallons, In Use 1 tank-Waste/used motor oil, 550 gallons, In Use 1 tank-Unleaded gasoline, 10000, In Use UST 153650-Waste/Used motor oil, 550 gallons, In Use	Closed	1.06 MI NE	100-Year Capture Zone	Low
127	155	512 Blackbird Ln Madison, WI	FirstSearch Report -WI-Spills (Old Spill ID: 04-13-050529)	Historic Spill 04/03/1995, unknown extent	Closed	1.14 MI NE	100-Year Capture Zone	Low
128	166	Madison Freight Systems Inc Parking Lot 3509 International Ln Madison, WI	FirstSearch Report a-WI-Registered UST (Facility ID 106775) b-WI-LUST (DNR Activity No 03-13-000672) c-WI-Spills (Old Spill ID: 04-13-042609) (Old Spill ID: 04-13-042241) (Old Spill ID: 04-13-040027) (Old Spill ID: 04-13-042246) d-EPA-RCRA GEN/NLR(ID: WID980825731)	a-UST-3 tanks 2 tanks-unleaded gasoline, 10000 gallons each, closed/removed 1 tank-diesel, 10000 gallons, closed/removed b-LUST discovered 12/19/1990, closed 04/25/1997 c- Historic Spill 04-13-042609 03/16/1988, unknown extent Historic Spill 04-13-042241 08/31/1987, unknown extent Historic Spill 04-13-040027 11/12/1984, unknown extent Historic Spill 04-13-042246 09/01/1987, unknown extent d-Conditionally Exempt Small Generator	a-Closed b-Closed c-Closed d-NLR	1.23 MI NE	100-Year Capture Zone	Low
129	167	FMC Corp 3533 International Ln Madison, WI	FirstSearch Report a-WI-Spills (Old Spill ID: 04-13-045301) b-EPA-RCRA GEN(ID: WIR000020974)	a-Historic Spill 12/05/1990, unknown extent b-Small Quantity Generator	a-Closed b-SGN	1.23 MI NE	100-Year Capture Zone	Low
130	170	Northwest Airlines INC 3523 International Ln Madison, WI	FirstSearch Report -WI-Registerd UST (Facility ID 114857)	UST-unleaded gasoline, 1000 gallons, closed/removed	Closed	1.23 MI NE	100-Year Capture Zone	Low
131	N/A	City of Madison Warner Park 2930 North Sherman Avenue Madison, WI	City of Madison Warner Park 2930 North Sherman Avenue Madison, WI	Large vehicle parking area Hydraulic equipment use (carnival rides) Baseball turf maintenance (possible chemicals/fertilizer application) Annual firework debris	Active City Recreation Park	0.83 MI NE	100-Year Capture Zone	Low

Notes:

Zone A = Within 5 year TOT ZOC
Zone B = Beyond Zone A, but within 1200-ft. radius.
Map Site ID numbers correspond to numbers shown on Figure 4-1.
Environmental FirstSearch Map ID No.s pertain to
Environmental Data Resources (EDR) Report No. 07072008 July 2008

Definitions:

AST - Aboveground Storage Tank
AUL - Deed Restriction Data
BRRTS - Wisconsin Bureau of Remediation & Redevelopment Tracking System
CERCLIS - Comprehensive Environmental Response, Compensation, & Liability Info System
COORACTS - Corrective Action Activity
CRS - Closed Remediation Sites
DNR - Wisconsin Department of Natural Resources
EPA - Environmental Protection Agency

ERNS - Emergency Response Notification System
ERP - Wisconsin Environmental Repair Program Database
FINDS - Facility Index System/Facility Registry System
LAST - Leaking Aboveground Storage Tank
LUST - Leaking Underground Storage Tank
MANIFEST - Hazardous Waste Manifest Information
NPL - National Priorities List (NPL)
SHWIMS - Solid & Hazardous Waste Information Management System
RCRA-CESQG - Resource Conservation and Recovery Act- Conditionally Exempt Small Quantity Generator
RCRA-LQG - Resource Conservation and Recovery Act (RCRA) - Large Quantity Generator
RCRA-SQG - Resource Conservation and Recovery Act- Small Quantity Generator
SPILLS - Wisconsin DNR Spills Database
TOT - Time of Travel
UST - Underground Storage Tank

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TABLE 4-2
MINIMUM SEPARATION REQUIREMENTS
BETWEEN PUBLIC WELLS AND
POTENTIAL CONTAMINANT SOURCES
 WELLHEAD PROTECTION PLAN, UNIT WELL 7
 MADISON, WISCONSIN

Potential Contamination Source	Minimum Separation Distance
<ul style="list-style-type: none"> – Storm Sewer – Sanitary Sewer (Constructed from Pressure Pipe Materials) 	50 feet
<ul style="list-style-type: none"> – Sanitary Sewer, Manhole, or Liftstation – One or Two Family Residential Fuel Oil Tank – Private Onsite Wastewater Treatment System (Tank, Holding Tank, or Piping) 	200 feet
<ul style="list-style-type: none"> – Double-Wall Underground Storage Tank (Gasoline, Diesel, Bio-Diesel, Ethanol, Other Alternative Fuel, Fuel Oil, Petroleum Product, Motor Fuel, Burner Fuel, Lubricant, Waste Oil, or Hazardous Substances) 	300 feet
<ul style="list-style-type: none"> – Private Onsite Wastewater Treatment System (Dispersal Component with Capacity Less Than 12,000 gpd) – Cemetery – Stormwater Retention or Detention Pond 	400 feet
<ul style="list-style-type: none"> – Double-Wall Above Ground Storage Tank (Gasoline, Diesel, Bio-Diesel, Ethanol, Other Alternative Fuel, Fuel Oil, Petroleum Product, Motor Fuel, Burner Fuel, Lubricant, Waste Oil, or Hazardous Substances) 	600 feet
<ul style="list-style-type: none"> – Land Application of Municipal, Commercial, or Industrial Waste – Land-Spreading of Petroleum Contaminated Soil – Agricultural, Industrial, Commercial, Municipal Waste Water Treatment Plant Units, Lagoons, or Storage Structures. – Private Onsite Wastewater Treatment System (Dispersal Component with Capacity Greater Than 12,000 gpd) 	1,000 feet
<ul style="list-style-type: none"> – Solid Waste Storage, Transportation, Incineration, Air Curtain Destructor, Processing, Wood Burning, One-Time Disposal or Demolition Facility – Sanitary Landfill – Property with Residual Groundwater Contamination Exceeding NR 140 Enforcement Standards – Coal, Salt, or De-Icing Material Storage – Any Single-Wall Underground or Above Ground Storage Tank (Gasoline, Diesel, Bio-Diesel, Ethanol, Other Alternative Fuel, Fuel Oil, Petroleum Product, Motor Fuel, Burner Fuel, Lubricant, Waste Oil, or Hazardous Substances) 	1,200 feet