

TABLE 3.1

**SUMMARY OF DETECTED COMPOUNDS  
RESIDENTIAL WELLS  
(FEBRUARY 2006 - OCTOBER 2006)  
NORTH OAKS, MINNESOTA**

<i>Location</i>	<i>Date</i>	<i>HRL Dup</i>	<i>Chloride mg/L --</i>	<i>1,1-Dichloroethane ug/L 70</i>	<i>Bromodichloromethane ug/L 6</i>	<i>Bromoform ug/L 40</i>	<i>Chloroform ug/L 60</i>	<i>Chloromethane ug/L --</i>	<i>cis-1,2-Dichloroethene ug/L 70</i>	<i>Dibromochloromethane ug/L 10</i>	<i>Ethyl Ether ug/L 1,000</i>	<i>Toluene ug/L 1,000</i>	<i>Trichloroethene ug/L 5</i>	<i>Vinyl chloride ug/L 0.2</i>
1 Buffalo Road	2/22/06		13.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Buffalo Road	5/22/06		13.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Buffalo Road	5/22/06	D	15.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Buffalo Road	10/17/06		19.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 Buffalo Road	2/22/06		23.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 Buffalo Road	5/22/06		23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 Buffalo Road	10/18/06		22.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Eagle Ridge Road	2/24/06		15.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Eagle Ridge Road	10/18/06		11.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2 Eagle Ridge Road	2/23/06		19.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2 Eagle Ridge Road	2/23/06	D	18.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2 Eagle Ridge Road	5/22/06		20.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2 Eagle Ridge Road	10/18/06		22.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 Eagle Ridge Road	2/21/06		26.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 Eagle Ridge Road	5/25/06		28.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4 Eagle Ridge Road	2/21/06		24.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4 Eagle Ridge Road	5/25/06		24.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4 Eagle Ridge Road	10/18/06		24.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3.1

**SUMMARY OF DETECTED COMPOUNDS  
RESIDENTIAL WELLS  
(FEBRUARY 2006 - OCTOBER 2006)  
NORTH OAKS, MINNESOTA**

<i>Location</i>	<i>Date</i>	<i>HRL Dup</i>	<i>Chloride mg/L --</i>	<i>1,1-Dichloroethane ug/L 70</i>	<i>Bromodichloromethane ug/L 6</i>	<i>Bromoform ug/L 40</i>	<i>Chloroform ug/L 60</i>	<i>Chloromethane ug/L --</i>	<i>cis-1,2-Dichloroethene ug/L 70</i>	<i>Dibromochloromethane ug/L 10</i>	<i>Ethyl Ether ug/L 1,000</i>	<i>Toluene ug/L 1,000</i>	<i>Trichloroethene ug/L 5</i>	<i>Vinyl chloride ug/L 0.2</i>
6 Eagle Ridge Road	2/21/06		68	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6 Eagle Ridge Road	5/23/06		69.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6 Eagle Ridge Road	10/18/06		70.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44 East Oaks Road	2/21/06		5.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44 East Oaks Road	5/23/06		6.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44 East Oaks Road	10/17/06		6.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Hummingbird Hill	2/21/06		8.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Hummingbird Hill	5/22/06		8.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Hummingbird Hill	10/19/06		8.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Hummingbird Hill	10/19/06	D	8.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2 Hummingbird Hill	5/22/06		21.8	ND	ND	ND	ND	ND	0.1 J	ND	ND	ND	ND	0.1 J
2 Hummingbird Hill	10/19/06		21.2	0.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8 Poplar Lane	2/22/06		35.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8 Poplar Lane	5/22/06		43.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8 Poplar Lane	10/17/06		32.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 Poplar Lane	2/22/06		8.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 Poplar Lane	5/23/06		7.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 Poplar Lane	10/17/06		9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3.1

**SUMMARY OF DETECTED COMPOUNDS  
RESIDENTIAL WELLS  
(FEBRUARY 2006 - OCTOBER 2006)  
NORTH OAKS, MINNESOTA**

<i>Location</i>	<i>Date</i>	<i>HRL Dup</i>	<i>Chloride mg/L --</i>	<i>1,1-Dichloroethane ug/L 70</i>	<i>Bromodichloromethane ug/L 6</i>	<i>Bromoform ug/L 40</i>	<i>Chloroform ug/L 60</i>	<i>Chloromethane ug/L --</i>	<i>cis-1,2-Dichloroethene ug/L 70</i>	<i>Dibromochloromethane ug/L 10</i>	<i>Ethyl Ether ug/L 1,000</i>	<i>Toluene ug/L 1,000</i>	<i>Trichloroethene ug/L 5</i>	<i>Vinyl chloride ug/L 0.2</i>
3 Quail Lane	2/21/06		9.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 Quail Lane	5/24/06		9.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 Quail Lane	10/20/06		11.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2 Ski Lane	2/21/06		7.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2 Ski Lane	5/23/06		8.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2 Ski Lane	5/23/06	D	6.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4 Ski Lane	2/22/06		33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4 Ski Lane	5/23/06		29.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4 Ski Lane	10/17/06		45.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6 Ski Lane	2/23/06		19.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6 Ski Lane	5/22/06		21.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6 Ski Lane	10/26/06		18.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6 Ski Lane	10/26/06	D	18.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 Ski Lane	5/25/06		21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 Ski Lane	10/26/06		12.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8 Ski Lane	2/22/06		8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8 Ski Lane	5/22/06		8.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**SUMMARY OF DETECTED COMPOUNDS  
RESIDENTIAL WELLS  
(FEBRUARY 2006 - OCTOBER 2006)  
NORTH OAKS, MINNESOTA**

<i>Location</i>	<i>Date</i>	<i>HRL Dup</i>	<i>Chloride mg/L --</i>	<i>1,1-Dichloroethane ug/L 70</i>	<i>Bromodichloromethane ug/L 6</i>	<i>Bromoform ug/L 40</i>	<i>Chloroform ug/L 60</i>	<i>Chloromethane ug/L --</i>	<i>cis-1,2-Dichloroethene ug/L 70</i>	<i>Dibromochloromethane ug/L 10</i>	<i>Ethyl Ether ug/L 1,000</i>	<i>Toluene ug/L 1,000</i>	<i>Trichloroethene ug/L 5</i>	<i>Vinyl chloride ug/L 0.2</i>
12 Ski Lane	2/22/06		12.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 Ski Lane	5/22/06		12.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 Ski Lane	10/27/06		10.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14 Ski Lane	2/23/06		13.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14 Ski Lane	5/22/06		13.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14 Ski Lane	10/19/06		30.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16 Ski Lane	2/21/06		16.3	ND	ND	ND	ND	0.75 J	ND	ND	ND	ND	ND	ND
16 Ski Lane	2/21/06	D	16.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16 Ski Lane	5/22/06		21.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
16 Ski Lane	10/19/06		18.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Thompson Lane	2/22/06		12.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1 Thompson Lane	5/22/06		18.3	ND	1.4	0.5 J	2.5	ND	ND	0.9	ND	ND	ND	ND
1 Thompson Lane	5/22/06	D	16.4	ND	1.1	0.3 J	1.9	ND	ND	0.7	ND	ND	ND	ND
1 Thompson Lane	10/26/06		49.8	ND	1.8	ND	9.2	ND	ND	0.3 J	ND	ND	ND	ND
2 Thompson Lane	2/22/06		20.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2 Thompson Lane	5/22/06		20.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2 Thompson Lane	10/20/06		59.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3.1

SUMMARY OF DETECTED COMPOUNDS  
RESIDENTIAL WELLS  
(FEBRUARY 2006 - OCTOBER 2006)  
NORTH OAKS, MINNESOTA

<i>Location</i>	<i>Date</i>	<i>HRL Dup</i>	<i>Chloride mg/L --</i>	<i>1,1-Dichloroethane ug/L 70</i>	<i>Bromodichloromethane ug/L 6</i>	<i>Bromoform ug/L 40</i>	<i>Chloroform ug/L 60</i>	<i>Chloromethane ug/L --</i>	<i>cis-1,2-Dichloroethene ug/L 70</i>	<i>Dibromochloromethane ug/L 10</i>	<i>Ethyl Ether ug/L 1,000</i>	<i>Toluene ug/L 1,000</i>	<i>Trichloroethene ug/L 5</i>	<i>Vinyl chloride ug/L 0.2</i>
3 Thompson Lane	2/23/06		6.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 Thompson Lane	5/23/06		4.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 Thompson Lane	10/19/06		11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3 Thompson Lane	10/19/06	D	12.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4 Thompson Lane	5/23/06		107	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4 Thompson Lane	10/20/06		106	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9 West Shore Road	2/22/06		7.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9 West Shore Road	5/22/06		3.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9 West Shore Road	10/19/06		4.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 West Shore Road	2/21/06		15.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 West Shore Road	5/23/06		14.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 West Shore Road	10/19/06		17.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11 West Shore Road	2/22/06		22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11 West Shore Road	2/22/06	D	22.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11 West Shore Road	5/22/06		24.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11 West Shore Road	10/18/06		5.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 West Shore Road	2/21/06		22.4	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.17 J
12 West Shore Road	5/24/06		22.5	0.2	ND	ND	ND	ND	0.1 J	ND	ND	ND	ND	0.2 J
12 West Shore Road	10/19/06		28.9	0.3	ND	ND	ND	ND	0.2 J	ND	ND	ND	ND	0.2

**SUMMARY OF DETECTED COMPOUNDS  
RESIDENTIAL WELLS  
(FEBRUARY 2006 - OCTOBER 2006)  
NORTH OAKS, MINNESOTA**

<i>Location</i>	<i>Date</i>	<i>HRL Dup</i>	<i>Chloride mg/L --</i>	<i>1,1-Dichloroethane ug/L 70</i>	<i>Bromodichloromethane ug/L 6</i>	<i>Bromoform ug/L 40</i>	<i>Chloroform ug/L 60</i>	<i>Chloromethane ug/L --</i>	<i>cis-1,2-Dichloroethene ug/L 70</i>	<i>Dibromochloromethane ug/L 10</i>	<i>Ethyl Ether ug/L 1,000</i>	<i>Toluene ug/L 1,000</i>	<i>Trichloroethene ug/L 5</i>	<i>Vinyl chloride ug/L 0.2</i>
13 West Shore Road	6/14/06		31	0.1 J	0.2	ND	0.6	ND	0.1 J	ND	ND	ND	ND	0.1 J
15 West Shore Road	5/22/06		24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
15 West Shore Road	10/19/06		21.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

HRL - Minnesota Department of Health (MDH) Health Risk Limit.

D - Duplicate sample

J - Estimated result

ND - Not detected.

**TABLE 4.1**

**MONITORING WELL CONSTRUCTION SUMMARY  
(NOVEMBER 2006)  
NORTH OAKS, MINNESOTA**

<i>Well</i>	<i>MN Well No.</i>	<i>Date Completed</i>	<i>Well Casing</i>		<i>Elevation</i>		<i>Screen Length (ft.)</i>	<i>Well Dep (ft. bgs)</i>
			<i>Diameter (in.)</i>	<i>Type</i>	<i>Top of Riser (ft. AMSL)</i>	<i>Ground (ft. AMSL)</i>		
MW-18A	748178	11/7/2006	2	Carbon Steel	925.39	924.5	10	115
MW-18B	748179	11/3/2006	2	Carbon Steel	925.24	924.2	10	195
MW-18L	748180	11/7/2006	4	Carbon Steel	925.44	924.3	18*	280
MW-20B	748176	11/15/2006	2	Carbon Steel	915.04	912.2	10	200
EW-3	748177	11/15/2006	6	Carbon Steel	913.88	910.5	10	200

Note:

\* - MW-18L is an open hole well.

**TABLE 4.2**  
**GROUNDWATER ELEVATIONS**  
**JANUARY 4, 2007**  
**NORTH OAKS, MINNESOTA**

<i>Well</i>	<i>TOC</i>	<i>GWE</i>
MW12B	939.89	895.03
MW13B	938.34	894.86
MW16B	940.71	895.51
MW17A	914.58	892.46
MW17B	914.50	885.73
MW17L	914.65	882.34
MW-18A	925.39	888.04
MW-18B	925.24	886.23
MW-18L	925.44	878.86
MW19B	913.33	879.91
MW19L	914.18	875.88
MW-20B	915.04	879.62
EW-3	913.88	879.91
6 Blue Goose Road *	954.15	888.69
38 East Oaks Road	926.25	882.73
1 Lily Pond *	931.18	892.75
11 Lily Pond *	928.54	886.75
11 Robb Farm Road *	942.63	893.22
6 West Shore Road	920.20	883.04

Notes:

TOC - Top of Casing

GWE - Groundwater elevation (in ft. AMSL)

\* - Converted Residential Monitoring Well

NM - Not Measured

**TABLE 4.3****SINGLE WELL RESPONSE TESTING RESULTS  
NORTH OAKS, MINNESOTA**

<i>Location</i>	<i>K Value (ft/min)*</i>	<i>Date of Test</i>
MW-16D (Rising)	3.215 × 10 <sup>-5</sup>	10/27/2005
MW-16D (Falling)	1.279 × 10 <sup>-5</sup>	10/27/2005
MW-16B (Rising)	0.00426	10/27/2005
MW-16B (Falling)	0.00448	10/27/2005
MW-17A (Rising)	0.002166	10/27/2005
MW-17A (Falling)	0.002601	10/27/2005
MW-17B (Rising)	0.000173	10/27/2005
MW-17B (Falling)	0.000372	10/27/2005
MW-17L (Rising)	0.05619	10/27/2005
MW-17L (Falling)	0.13090	10/27/2005
MW-18A (Rising)	0.00436	12/21/2006
MW-18A (Falling)	0.00396	12/21/2006
MW-18B (Rising)	0.00037	12/21/2006
MW-18B (Falling)	0.00043	12/21/2006
MW-18L (Rising)	0.04577	12/21/2006
MW-18L (Falling)	0.05152	12/21/2006
MW-19B (Rising)	0.00472	1/10/2006
MW-19B (Falling)	0.00168	1/10/2006
MW-19L (Rising)	0.1012	1/10/2006
MW-19L (Falling)	0.1286	1/10/2006

Notes:

\* - K values were determined with Aqtesolv by using the Bouwer-Rice method.

TABLE 4.4

**SUMMARY OF DETECTED COMPOUNDS  
VAP SAMPLES  
(OCTOBER 2006 - NOVEMBER 2006)  
NORTH OAKS, MINNESOTA**

<i>Location</i>	<i>Depth (ft bgs)</i>	<i>Date</i>	<i>HRL Dup</i>	<i>1,1-Dichloroethane ug/L 70</i>	<i>Bromodichloromethane ug/L 6</i>	<i>Bromoform ug/L 40</i>	<i>Chloroform ug/L 60</i>	<i>Chloromethane ug/L --</i>	<i>cis-1,2-Dichloroethene ug/L 70</i>	<i>Dibromochloromethane ug/L 10</i>	<i>Ethyl ether ug/L 1,000</i>	<i>Toluene ug/L 1,000</i>	<i>Trichloroethene ug/L 5</i>	<i>Vinyl chloride ug/L 0.2</i>
MW18L	75	10/24/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18L	115	10/24/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18L	150	10/25/06		ND	0.1 J	ND	0.4	ND	ND	ND	ND	ND	ND	ND
MW18L	190	10/26/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18L	190	10/26/06	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18B	230	11/2/06		ND	ND	ND	0.1	ND	ND	ND	ND	ND	ND	ND
MW18L	275	11/7/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW20B	110	11/10/06		ND	ND	ND	ND	0.7 J	ND	ND	ND	ND	ND	ND
EW3	110	11/9/06		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

HRL - Minnesota Department of Health (MDH) Health Risk Limit.

D - Duplicate sample

J - Estimated result

ND - Not detected.

TABLE 4.5

SUMMARY OF DETECTED COMPOUNDS  
 NEW MONITORING WELLS  
 (NOVEMBER 2006 - JANUARY 2007)  
 NORTH OAKS, MINNESOTA

<i>Location</i>	<i>Date</i>	<i>HRL Dup</i>	<i>Chloride mg/L --</i>	<i>1,1-Dichloroethane ug/L 70</i>	<i>Bromodichloromethane ug/L 6</i>	<i>Bromoform ug/L 40</i>	<i>Chloroform ug/L 60</i>	<i>Chloromethane ug/L --</i>	<i>cis-1,2-Dichloroethene ug/L 70</i>	<i>Dibromochloromethane ug/L 10</i>	<i>Ethyl ether ug/L 1000</i>	<i>Toluene ug/L 1000</i>	<i>Trichloroethene ug/L 5</i>	<i>Vinyl chloride ug/L 0.2</i>
MW18A	11/27/06		16.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18A	1/4/07		14.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18A	1/4/07	D	14.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW18B	11/27/06		17.3	ND	ND	ND	ND	ND	ND	ND	ND	0.4 J	ND	ND
MW18B	11/27/06	D	17.3	ND	ND	ND	ND	ND	ND	ND	ND	0.4 J	ND	ND
MW18B	1/4/07		18.9	ND	ND	ND	ND	ND	ND	ND	ND	0.4 J	ND	ND
MW18L	11/28/06		11.7	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	ND
MW18L	1/4/07		11.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW20B	11/28/06		8.5	ND	ND	ND	ND	ND	ND	ND	5.8	0.4 J	ND	ND
MW20B	1/4/07		7	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND
EW3	11/22/06		5.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

HRL - Minnesota Department of Health (MDH) Health Risk Limit.

D - Duplicate sample

J - Estimated result

ND - Not detected.

**TABLE 6.1**

**STEP TEST RESULTS  
EW-3 PERFORMANCE TESTING  
(NOVEMBER 2006)  
NORTH OAKS, MINNESOTA**

	<i>Elapsed Time t (minutes)</i>	<i>Flow (gpm)</i>	<i>Drawdown (feet)</i>	<i>Specific Capacity (gpm/foot)</i>
<b>STEP 1</b>	60	10	38.59	0.26
<b>STEP 2</b>	120	20	75.89	0.26
<b>STEP 3</b>	180	30	114.77	0.26

Note:

gpm = gallons per minute

TABLE 6.2

CONSTANT RATE PUMPING TEST RESULTS  
 EW-3 PERFORMANCE TESTING  
 (NOVEMBER 2006)  
 NORTH OAKS, MINNESOTA

<i>Well</i>	<i>Radial Distance (ft)</i>	<i>Drawdown Maximum (ft)</i>	<i>Drawdown End of Test (ft)</i>	<i>Storativity*</i>	<i>Transmissivity* (ft<sup>2</sup>/min)</i>
EW-3	0	83.71	83.35	--	0.01
MW-19B	54	17.48	17.32	$4.7 \times 10^{-5}$	0.04
MW-20B	141	10.85	10.74	$1.9 \times 10^{-5}$	0.05
			<b>Geometric Mean</b>	$3.0 \times 10^{-5}$	0.03

Note:

\* - Determined using Cooper-Jacob (1946) in AQTESOLV for Windows (Version 4.01).

**TABLE 6.3**

**RECOVERY TEST RESULTS  
EW-3 PERFORMANCE TESTING  
(NOVEMBER 2006)  
NORTH OAKS, MINNESOTA**

<i>Well</i>	<i>Radial Distance (ft)</i>	<i>Transmissivity* (ft<sup>2</sup>/min)</i>
<b>EW-3</b>	0	0.01
<b>MW-19B</b>	54	0.04
<b>MW-20B</b>	141	0.06
	<b>Geometric Mean</b>	0.03

Note:

\* - Determined using the Theis Recovery method  
in AQTESOLV for Windows (Version 4.01).