

Unique No. 00452684	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11
County Name Hennepin		Entry Date 1993/02/24
Township Name Township Range 24 Dir W Section 24 Subsection	Well Depth 40 ft. Depth Completed 40 ft. Date Well Completed 1986/08/04	
Well Name OHBAYASHI INC.	Drilling Method	
Contact's Name OHBAYASHI INC. MINNEAPOLIS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Other (specify in remarks)	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
	Screen	Open Hole From ft. to ft.
	Make	Type
	Static Water Level 25 ft. from Land surface Date 1986/08/04	
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information	Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed	
	Mfr name	
	Model	HP Volts
	Drop Pipe Length ft.	Capacity g.p.m
	Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc.	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
INTERSECTION OF UNIVERSITY AVE. + 11TH AVE. SE.	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
SERIES OF 3 TEMP DEWATER WELLS TO FAC INSTALL OF BELOW GRADE UTIL.		
TO BE ABANDONED UPON COMPLETION OF PROJECT.		
USGS Quad St Paul West Elevation	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>27118</u>	
Aquifer: Alt Id:	License Business Name	
	Name of Driller	

Unique No. 00191946	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 1991/09/11
County Name Hennepin		Entry Date 1991/07/05
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 66 ft.	Depth Completed 66 ft.
		Date Well Completed 1985/08/22
Well Name ENVIRONMENTAL ENG.	Drilling Method	
	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Monitor well	
	Casing	Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N Hole Diameter
	Screen	Open Hole From ft. to ft.
	Make	Type
	Static Water Level 28 ft. from Land surface Date 1985/08/22	
	PUMPING LEVEL (below land surface)	
	ft. after	hrs. pumping g.p.m.
	Well Head Completion	
	Pitless adapter mfr	Model
Casing Protection	<input type="checkbox"/> 12 in. above grade	
<input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)		
Grouting Information	Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Nearest Known Source of Contamination		
ft.	direction type	
Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Pump <input type="checkbox"/> Not Installed	Date Installed	
Mfr name		
Model	HP Volts	
Drop Pipe Length ft.	Capacity g.p.m.	
Type		
Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Well CONTRACTOR CERTIFICATION Lic. Or Reg. No.		
License Business Name		
Name of Driller		

USGS Quad
Aquifer:

Elevation
Alt Id:

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Unique No. 00537844	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11
County Name Hennepin		Entry Date 1995/04/07
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 32 ft. Depth Completed 32 ft. Date Well Completed 1993/12/07	
Well Name MW-3	Drilling Method	
Well Owner's Name MW-3 1069 10TH SE AV MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
Contact's Name TRAVELERS LIFE & ANNUITY 2215 YORK RD OAK BROOK IL 60521	Use Monitor well	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
	Screen Open Hole From ft. to ft. Make Type	
	Static Water Level 26 ft. from Land surface Date 1993/12/07	
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc. MW-3, 846171, SUITE 504	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
USGS Quad Elevation Aquifer: Alt Id:	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>M0054</u> License Business Name Name of Driller	

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Unique No. 00637488	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11															
County Name Hennepin		Entry Date 2001/06/06															
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 37 ft. Depth Completed 37 ft. Date Well Completed 2000/01/07																
Well Name YMCA OF METROPOLITAN MPL	Drilling Method Cable Tool																
Well Owner's Name YMCA OF METROPOLITAN MINNEAPOLI 1801 UNIVERSITY AV MINNEAPOLIS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.															
Contact's Name YMCA OF METROPOLITAN MINNEAPOLI 30 9TH S ST MINNEAPOLIS MN 55402	Use Elevator																
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>GEOLOGICAL MATERIAL</th> <th>COLOR</th> <th>HARDNESS</th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>SAND</td> <td>BROW</td> <td>MEDIUM</td> <td>0</td> <td>20</td> </tr> <tr> <td>LIMESTONE</td> <td>WHITE</td> <td>HARD</td> <td>20</td> <td>37</td> </tr> </tbody> </table>	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO	SAND	BROW	MEDIUM	0	20	LIMESTONE	WHITE	HARD	20	37	Casing Drive Shoe? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter in. to 37 ft
	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO												
SAND	BROW	MEDIUM	0	20													
LIMESTONE	WHITE	HARD	20	37													
	Casing Diameter Weight(lbs/ft) 20 in. to 20 ft 52.73 16 in. to 37 ft 62.58																
	Screen N	Open Hole From ft. to ft. Type															
	Static Water Level 34 ft. from Land surface	Date 2000/01/07															
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.																
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)																
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Material From To (ft.) Amount(yds/bags) G 0 37 1.5 Y																
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No																
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type																
REMARKS, ELEVATION, SOURCE OF DATA, etc. PIT 14' BELOW GRADE USGS Quad Elevation Aquifer: Alt Id:	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No																
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. L0004 License Business Name Name of Driller STANGRET, S																

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Unique No. 00677195	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11																				
County Name Hennepin		Entry Date 2003/01/13																				
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 190 ft. Depth Completed 170 ft. Date Well Completed 2002/07/11																					
Well Name FIELD HOUSE	Drilling Method Vibracore/rotasonic																					
Well Owner's Name FIELD HOUSE 500 PILSBURY SE DR MINNEAPOLIS MN 55455	Drilling Fluid Bentonite	Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From ft. to ft.																				
	Use Monitor well																					
	Casing Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N	Hole Diameter in. to 170 ft in. to 190 ft																				
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO	Casing Diameter Weight(lbs/ft) 2 in. to 165 ft																					
FINE SAND & ROCKS BROW SOFT 0 40																						
SCHALE GRAY MEDIUM 40 48																						
LIMESTONE GRAY HARD 48 80																						
SCHALE GRAY HARD 80 84																						
SANDSTONE TAN HARD 84 170																						
SCHALE TAN/G HARD 170 174																						
SANDSTONE TAN HARD 174 190																						
	Screen Y	Open Hole From ft. to ft.																				
	Make JOHNSON	Type L																				
	Diameter Slot Length Set	Fitting																				
	2 10 10 165 ft. to 170 ft																					
	Static Water Level ft. from Land surface	Date 2002/07/11																				
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.																					
	Well Head Completion Pitless adapter mfr Model Casing Protection <input checked="" type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)																					
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																					
	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Material</th> <th>From</th> <th>To (ft.)</th> <th>Amount(yds/bags)</th> <th></th> </tr> </thead> <tbody> <tr> <td>H</td> <td>0</td> <td>30</td> <td>3</td> <td>S</td> </tr> <tr> <td>G</td> <td>30</td> <td>160</td> <td>27</td> <td>S</td> </tr> <tr> <td></td> <td>170</td> <td>190</td> <td>3</td> <td>S</td> </tr> </tbody> </table>		Material	From	To (ft.)	Amount(yds/bags)		H	0	30	3	S	G	30	160	27	S		170	190	3	S
Material	From	To (ft.)	Amount(yds/bags)																			
H	0	30	3	S																		
G	30	160	27	S																		
	170	190	3	S																		
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
	Pump <input checked="" type="checkbox"/> Not Installed Date Installed N Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type																					
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
USGS Quad Elevation Aquifer: Alt Id:	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>71536</u> License Business Name Name of Driller <u>DK</u>																					

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Unique No. 00646102	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11																				
County Name Hennepin		Entry Date 2000/10/16																				
Township Name Township Range Dir Section Subsection 29 24 W 24 CAC	Well Depth 31 ft. Depth Completed 30 ft. Date Well Completed 2000/05/16																					
Well Name BP AMOCO	Drilling Method Auger (non-specified)																					
Well Owner's Name BP AMOCO 1000 UNIVERSITY N MINNEAPOLIS MN 55414	Drilling Fluid _____ Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From _____ ft. to _____ ft.																					
Contact's Name BP AMOCO 2288 C W CR ROSEVILLE MN 55113	Use Monitor well																					
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>GEOLOGICAL MATERIAL</th> <th>COLOR</th> <th>HARDNESS</th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>C. SAND GRAVEL</td> <td>BROW</td> <td>MEDIUM</td> <td>0</td> <td>18</td> </tr> <tr> <td>F SAND</td> <td>BROW</td> <td>MEDIUM</td> <td>18</td> <td>23</td> </tr> <tr> <td>C SAND</td> <td>BROW</td> <td></td> <td>23</td> <td>31</td> </tr> </tbody> </table>	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO	C. SAND GRAVEL	BROW	MEDIUM	0	18	F SAND	BROW	MEDIUM	18	23	C SAND	BROW		23	31	Casing Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N Hole Diameter _____ in. to 31 ft.	
	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO																	
	C. SAND GRAVEL	BROW	MEDIUM	0	18																	
	F SAND	BROW	MEDIUM	18	23																	
C SAND	BROW		23	31																		
	Casing Diameter _____ Weight(lbs/ft) _____ 2 in. to 20 ft																					
	Screen Y Open Hole From _____ ft. to _____ ft. Make JOHNSON Type P Diameter Slot Length Set Fitting 2 10 10 20 ft. to 30 ft																					
	Static Water Level 24 ft. from Land surface Date 2000/05/16																					
	PUMPING LEVEL (below land surface) ft. after _____ hrs. pumping _____ g.p.m.																					
	Well Head Completion Pitless adapter mfr _____ Model _____ Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)																					
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Material From To (ft.) Amount(yds/bags) B 0 18 3 S																					
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No																					
	Pump <input checked="" type="checkbox"/> Not Installed Date Installed N Mfr name _____ Model _____ HP _____ Volts _____ Drop Pipe Length _____ ft. Capacity _____ g.p.m. Type _____																					
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																					
USGS Quad _____ Elevation _____ Aquifer: _____ Alt Id: _____	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>27058</u> License Business Name _____ Name of Driller <u>HALPUS, E.</u>																					

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Unique No. 00646104	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11															
County Name Hennepin		Entry Date 2000/10/16															
Township Name Township Range Dir Section Subsection 29 24 W 24 CAC	Well Depth 30 ft. Depth Completed 30 ft. Date Well Completed 2000/05/16																
Well Name BP AMOCO	Drilling Method Auger (non-specified)																
Well Owner's Name BP AMOCO 1000 UNIVERSITY MINNEAPOLIS MN 55414	Drilling Fluid _____ Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From _____ ft. to _____ ft.																
Contact's Name BP AMOCO 2288 C W CR ROSEVILLE MN 55113	Use Monitor well																
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>GEOLOGICAL MATERIAL</th> <th>COLOR</th> <th>HARDNESS</th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>C SAND</td> <td>BROW</td> <td></td> <td>0</td> <td>18</td> </tr> <tr> <td>F - SAND</td> <td>BROW</td> <td></td> <td>18</td> <td>30</td> </tr> </tbody> </table>	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO	C SAND	BROW		0	18	F - SAND	BROW		18	30	Casing Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N Hole Diameter _____ in. to 30 ft.	
	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO												
C SAND	BROW		0	18													
F - SAND	BROW		18	30													
	Casing Diameter 2 in. to 20 ft. Weight(lbs/ft) _____																
	Screen Y Open Hole From _____ ft. to _____ ft. Make JOHNSON Type P Diameter Slot Length Set Fitting 2 10 10 20 ft. to 30 ft.																
	Static Water Level 24 ft. from Land surface Date 2000/05/16																
	PUMPING LEVEL (below land surface) ft. after _____ hrs. pumping _____ g.p.m.																
	Well Head Completion Pitless adapter mfr _____ Model _____ Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)																
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Material From To (ft.) Amount(yds/bags) B 0 18 3 S																
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No																
	Pump <input checked="" type="checkbox"/> Not Installed Date Installed N Mfr name _____ Model _____ HP _____ Volts _____ Drop Pipe Length _____ ft. Capacity _____ g.p.m. Type _____																
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
USGS Quad _____ Elevation _____ Aquifer: _____ Alt Id: _____	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>27058</u> License Business Name _____ Name of Driller <u>HALPUS, E.</u>																

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Unique No. 00223842	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 1991/09/11
County Name Hennepin		Entry Date 1991/08/24
Township Name Township Range Dir Section Subsection 29 24 W 24 CDDAAA	Well Depth 96 ft. Depth Completed 96 ft. Date Well Completed 1952/10/02	
Well Name U. OF MN COLLEGE OF ED.	Drilling Method	
Contact's Name U. OF MN COLLEGE OF ED. MINNEAPOLIS CAMPUS MINNEAPOLIS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Public Supply/non-community	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO		
PIT		0 20
SAND & GRAVEL		20 46
ROCK		46 73
SOAPSTONE		73 77
SANDROCK		77 96
	Screen Make	Open Hole From ft. to ft. Type
	Static Water Level ft. from	Date
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type	
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
USGS Quad St Paul West Elevation 841 Aquifer: Alt Id:	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>62012</u> License Business Name Name of Driller	

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Unique No. 00677194	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11																																			
County Name Hennepin		Entry Date 2003/01/13																																			
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 130 ft. Depth Completed 129 ft. Date Well Completed 2002/07/16																																				
Well Name	Drilling Method Vibracore/rotasonic																																				
Contact's Name 500 PILLSBURY SE DR MINNEAPOLIS MN 55455	Drilling Fluid Bentonite	Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From ft. to ft.																																			
Contact's Name UNIVERSITY OF MINNESOTA 410 CHURCH SE ST MINNEAPOLIS MN 55455	Use Monitor well																																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>GEOLOGICAL MATERIAL</th> <th>COLOR</th> <th>HARDNESS</th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>SILTY SAND</td> <td>BROW</td> <td>SOFT</td> <td>0</td> <td>46</td> </tr> <tr> <td>SCHALE</td> <td>TAN</td> <td>HARD</td> <td>46</td> <td>50</td> </tr> <tr> <td>LIMESTONE</td> <td>TAN</td> <td>HARD</td> <td>50</td> <td>72</td> </tr> <tr> <td>LIMESTONE</td> <td>GRAY</td> <td>HARD</td> <td>72</td> <td>89</td> </tr> <tr> <td>SCHALE</td> <td>GRAY</td> <td>HARD</td> <td>89</td> <td>94</td> </tr> <tr> <td>SANDSTONE</td> <td>TAN</td> <td>HARD</td> <td>94</td> <td>130</td> </tr> </tbody> </table>	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO	SILTY SAND	BROW	SOFT	0	46	SCHALE	TAN	HARD	46	50	LIMESTONE	TAN	HARD	50	72	LIMESTONE	GRAY	HARD	72	89	SCHALE	GRAY	HARD	89	94	SANDSTONE	TAN	HARD	94	130	Casing Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N	Hole Diameter in. to 130 ft
	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO																																
	SILTY SAND	BROW	SOFT	0	46																																
	SCHALE	TAN	HARD	46	50																																
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SCHALE	GRAY	HARD	89	94																																	
SANDSTONE	TAN	HARD	94	130																																	
	Casing Diameter 2 in. to 124 ft	Weight(lbs/ft)																																			
	Screen Y	Open Hole From ft. to ft.																																			
	Make JOHNSON	Type L																																			
	Diameter Slot Length Set	Fitting																																			
	2 10 10 124 ft. to 129 ft																																				
	Static Water Level ft. from Land surface	Date 2002/07/16																																			
	PUMPING LEVEL (below land surface)																																				
	ft. after	hrs. pumping g.p.m.																																			
	Well Head Completion																																				
	Pitless adapter mfr	Model																																			
	Casing Protection	<input checked="" type="checkbox"/> 12 in. above grade																																			
	<input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)																																				
	Grouting Information	Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																			
	Material	From To (ft.) Amount(yds/bags)																																			
	H	0 40 2 S																																			
	G	40 119 20 S																																			
	Nearest Known Source of Contamination																																				
	ft. direction	type																																			
	Well disinfected upon completion?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																			
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	Mfr name																																				
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	Type																																				
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																				
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																				
	Well CONTRACTOR CERTIFICATION	Lic. Or Reg. No. <u>71536</u>																																			
	License Business Name																																				
	Name of Driller	<u>DK</u>																																			

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Unique No. 00239766	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2003/04/10
County Name Hennepin		Entry Date 1991/08/24
Township Name Township Range Dir Section Subsection 29 24 W 24 CCCCCA	Well Depth 410 ft. Depth Completed 410 ft. Date Well Completed	
Well Name MINNEGASCO ARTESIAN WELL	Drilling Method	
Contact's Name MINNEGASCO ARTESIAN WELL MINNEAPOLIS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Commercial	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO		
DRIFT OR FILL		0 22
DECORAH SHALE		22 35
PLATTEVILLE LIMESTONE		35 59
GLENWOOD SHALE		59 63
ST. PETER SANDSTONE		63 216
PRAIRIE DU CHIEN		216 338
JORDAN SANDSTONE		338 410
	Screen N	Open Hole From ft. to 410 ft.
	Make	Type
	Static Water Level 70 ft. from Land surface	Date 1987/01/12
	PUMPING LEVEL (below land surface)	
	ft. after	hrs. pumping g.p.m.
	Well Head Completion	
	Pitless adapter mfr	Model
	Casing Protection	<input type="checkbox"/> 12 in. above grade
	<input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information	Well grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No
	Nearest Known Source of Contamination	
	ft. direction	type
	Well disinfected upon completion?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Pump <input type="checkbox"/> Not Installed	Date Installed
	Mfr name	
	Model	HP 0 Volts
	Drop Pipe Length ft.	Capacity g.p.m.
	Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc.		
GAMMA LOGGED 1/12/87.		
USGS Quad St Paul West	Elevation 817	
Aquifer:	Alt Id:	
Report Copy		
	Well CONTRACTOR CERTIFICATION	Lic. Or Reg. No.
	License Business Name	
	Name of Driller	

Unique No. 00200385	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 1991/09/11
County Name Hennepin		Entry Date 1991/08/24
Township Name Township Range Dir Section Subsection 29 24 W 24 CBBDC	Well Depth 246 ft. Depth Completed 246 ft. Date Well Completed 1962/05/02	
Well Name TRANSPORT BODY INC	Drilling Method	
Contact's Name TRANSPORT BODY INC 721 2ND SE ST MINNEAPOLIS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Commercial	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO	Casing Diameter Weight(lbs/ft)	
FILL 0 21	10 in. to 26 ft	
LIMEROCK BROKEN DARK 21 26	6 in. to 146 ft	
LIMESTONE LIGHT HARD 26 52		
SHALE LIGHT 52 60		
SANDSTONE GRAY SOFT 60 146		
SANDSTONE YELLO HARD 146 166		
SHALE SANDSTONE GRAY 166 180		
SANDROCK GRAY HARD 180 245		
SHAKOPEE PINK 245 246		
	Screen	Open Hole From ft. to ft.
	Make	Type
	Static Water Level 60 ft. from Land surface	Date 1962/05/02
	PUMPING LEVEL (below land surface)	
	60 ft. after hrs. pumping 60 g.p.m.	
	Well Head Completion	
	Pitless adapter mfr Model	
	Casing Protection <input type="checkbox"/> 12 in. above grade	
	<input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information	Well grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No
	Nearest Known Source of Contamination	
	ft. direction type	
	Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Y	
	Mfr name RED JACKET 11 B	
	Model HP 1 Volts	
	Drop Pipe Length 105 ft. Capacity 12 g.p.m	
	Type S	
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>27015</u>	
	License Business Name	
	Name of Driller	
REMARKS, ELEVATION, SOURCE OF DATA, etc.		
CASING: 010 TO 0026;006 TO 0146.		
USGS Quad St Paul West Elevation 815		
Aquifer: MTPL Alt Id:		

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Unique No. 00705429	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2004/12/29
County Name Hennepin		Entry Date
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 78 ft. Depth Completed 77 ft. Date Well Completed 2003/01/06	
Well Name DEWATERING WELL #3	Drilling Method Other	
Well Owner's Name UNIVERSITY OF MINNESOTA 500 PILSBURY SE DR MINNEAPOLIS MN 55455	Drilling Fluid Water	Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From ft. to ft.
	Use Dewatering well	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N	Hole Diameter in. to 50 ft in. to 7 ft
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO	Casing Diameter Weight(lbs/ft) 6 in. to 57 ft 18.97	
SAND & COBBLES BROW SOFT 0 24		
SILTY SAND GRAY SOFT 24 38		
CONCRETE LT. GR HARD 38 47		
SHALE TAN HARD 47 48		
LIMESTONE TAN HARD 48 49		
SHALE TAN HARD 49 50		
LIMESTONE TAN HARD 50 78		
	Screen Y	Open Hole From ft. to ft.
	Make JOHNSON	Type L
	Diameter Slot Length Set	Fitting
	6 30 20 57 ft. to 77 ft	
	Static Water Level 42 ft. from	Date 2003/01/06
	PUMPING LEVEL (below land surface)	
	ft. after hrs. pumping	g.p.m.
	Well Head Completion	
	Pitless adapter mfr	Model
	Casing Protection	<input checked="" type="checkbox"/> 12 in. above grade
	<input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information	Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Material From To (ft.) Amount(yds/bags)	
	H 36 8 S	
	G 36 50 6 S	
	Nearest Known Source of Contamination	
	ft. direction	type
	Well disinfected upon completion?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Pump <input checked="" type="checkbox"/> Not Installed	Date Installed N
	Mfr name	
	Model	HP Volts
	Drop Pipe Length ft.	Capacity g.p.m
	Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc.		
METAL IN CONCRETE		
USGS Quad	Elevation	
Aquifer:	Alt Id:	
Report Copy		
	Well CONTRACTOR CERTIFICATION	Lic. Or Reg. No. <u>73646</u>
	License Business Name	
	Name of Driller	<u>KARASCH, D.</u>

Unique No. 00696921	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2004/08/27
County Name Hennepin		Entry Date
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 170 ft. Depth Completed 170 ft. Date Well Completed 2003/09/13	
Well Name U OF M	Drilling Method Dual Rotary	
Well Owner's Name U OF M 500 PILLSBURY SE DR MINNEAPOLIS MN 55455	Drilling Fluid Water	Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From ft. to ft.
	Use Dewatering well	
	Casing Drive Shoe? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter in. to 170 ft
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO	Casing Diameter Weight(lbs/ft)	
ROCKS & GRAVEL BACK FI BRN/B HARD 0 38	24 in. to 49 ft	
CONCRETE GRAY HARD 38 45	18 in. to 149 ft	
SHALE GREE SOFT 45 46		
LIMESTONE GRAY HARD 46 47		
SHALE GREE SOFT 47 48		
LIMESTONE W/SHALE LAYE GRAY HARD 48 56		
LIMESTONE GRAY HARD 56 80		
SHALE GREE SOFT 80 84		
SANDSTONE YELLO SOFT 84 88		
SANDSTONE WHITE SOFT 88 168		
SANDSTONE YELLO SOFT 168 170		
	Screen Y Open Hole From ft. to ft. Make JOHNSON Type L	
	Static Water Level 108 ft. from Date 2003/09/13	
	PUMPING LEVEL (below land surface) 150 ft. after 1 hrs. pumping 150 g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Material From To (ft.) Amount(yds/bags) G 140 6.75 Y	
	Nearest Known Source of Contamination 30 ft. direction N type SDF Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input checked="" type="checkbox"/> Not Installed Date Installed N Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m Type	
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
USGS Quad Elevation Aquifer: Alt Id:	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. 73646 License Business Name Name of Driller TONY	

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Unique No. 00674778	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11																									
County Name Hennepin		Entry Date 2002/09/09																									
Township Name Township Range Dir Section Subsection 29 24 W 24 DDD	Well Depth 18 ft. Depth Completed 18 ft. Date Well Completed 2002/08/08																										
Well Name GRITZ, GORDON	Drilling Method Auger (non-specified)																										
Well Owner's Name GRITZ, GORDON 5TH & OAK ST SE ST MINNEAPOLIS MN 55455	Drilling Fluid _____ Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From _____ ft. to _____ ft.																										
Contact's Name GRITZ, GORDON 410 CHURCH SE ST MINNEAPOLIS MN 55455	Use Monitor well																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>GEOLOGICAL MATERIAL</th> <th>COLOR</th> <th>HARDNESS</th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>SILTY SAND LOOSE</td> <td>VARIE</td> <td></td> <td>0</td> <td>3</td> </tr> <tr> <td>PEAT</td> <td>BROW</td> <td>SOFT</td> <td>3</td> <td>4</td> </tr> <tr> <td>SAND TR GRAVEL</td> <td>BROW</td> <td>MEDIUM</td> <td>4</td> <td>14</td> </tr> <tr> <td>SILTY CLAYEY SAND</td> <td>BRN/G</td> <td>MEDIUM</td> <td>14</td> <td>18</td> </tr> </tbody> </table>	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO	SILTY SAND LOOSE	VARIE		0	3	PEAT	BROW	SOFT	3	4	SAND TR GRAVEL	BROW	MEDIUM	4	14	SILTY CLAYEY SAND	BRN/G	MEDIUM	14	18	Casing Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N Hole Diameter _____ in. to 18 ft.	
	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO																						
	SILTY SAND LOOSE	VARIE		0	3																						
	PEAT	BROW	SOFT	3	4																						
SAND TR GRAVEL	BROW	MEDIUM	4	14																							
SILTY CLAYEY SAND	BRN/G	MEDIUM	14	18																							
	Casing Diameter 2 in. to 8 ft. Weight(lbs/ft) _____																										
	Screen Y Open Hole From _____ ft. to _____ ft. Make JOHNSON Type P																										
	Diameter Slot Length Set Fitting 2 1 10 8 ft. to 18 ft.																										
	Static Water Level 11 ft. from Land surface Date 2002/08/08																										
	PUMPING LEVEL (below land surface) ft. after _____ hrs. pumping _____ g.p.m.																										
	Well Head Completion Pitless adapter mfr _____ Model _____ Casing Protection Y <input checked="" type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)																										
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Material From To (ft.) Amount(yds/bags) B 4 7 1 S																										
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																										
	Pump <input checked="" type="checkbox"/> Not Installed Date Installed N Mfr name _____ Model _____ HP _____ Volts _____ Drop Pipe Length _____ ft. Capacity _____ g.p.m. Type _____																										
REMARKS, ELEVATION, SOURCE OF DATA, etc.	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																										
MW-1	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																										
USGS Quad _____ Elevation _____ Aquifer: _____ Alt Id: _____	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>M0173</u> License Business Name _____ Name of Driller <u>RUCHTI, B.</u>																										

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Unique No. 00658191	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11																														
County Name Hennepin		Entry Date 2001/08/08																														
Township Name Township Range Dir Section Subsection 29 24 W 24 CAC	Well Depth 38 ft. Depth Completed 36 ft. Date Well Completed 2001/02/08																															
Well Name BP AMOCO	Drilling Method Auger (non-specified)																															
Well Owner's Name BP AMOCO 1000 UNIVERSITY SE AV MINNEAPOLIS MN 55414	Drilling Fluid _____ Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From _____ ft. to _____ ft.																															
Contact's Name BP AMOCO 2288 C W CR ROSEVILLE MN 55113	Use Monitor well																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>GEOLOGICAL MATERIAL</th> <th>COLOR</th> <th>HARDNESS</th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>COARSE SAND & ROCK</td> <td></td> <td>MEDIUM</td> <td>8</td> <td>10</td> </tr> <tr> <td>SILTY FINE SAND</td> <td>LT. BR</td> <td>SOFT</td> <td>22</td> <td>24</td> </tr> <tr> <td>M-COURSE SAND</td> <td>BROW</td> <td>MEDIUM</td> <td>28</td> <td>30</td> </tr> <tr> <td>M-COURSE SAND</td> <td>BRN/G</td> <td>MEDIUM</td> <td>33</td> <td>35</td> </tr> <tr> <td>FINE-MEDIUM SAND</td> <td>BRN/G</td> <td>MEDIUM</td> <td>35</td> <td>38</td> </tr> </tbody> </table>	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO	COARSE SAND & ROCK		MEDIUM	8	10	SILTY FINE SAND	LT. BR	SOFT	22	24	M-COURSE SAND	BROW	MEDIUM	28	30	M-COURSE SAND	BRN/G	MEDIUM	33	35	FINE-MEDIUM SAND	BRN/G	MEDIUM	35	38	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N Hole Diameter _____ in. to 36 ft.	
	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO																											
	COARSE SAND & ROCK		MEDIUM	8	10																											
	SILTY FINE SAND	LT. BR	SOFT	22	24																											
	M-COURSE SAND	BROW	MEDIUM	28	30																											
M-COURSE SAND	BRN/G	MEDIUM	33	35																												
FINE-MEDIUM SAND	BRN/G	MEDIUM	35	38																												
	Casing Diameter 2 in. to 34 ft. Weight(lbs/ft) _____																															
	Screen Y Open Hole From _____ ft. to _____ ft. Make JOHNSON Type P																															
	Diameter Slot Length Set Fitting 2 0 1 35 ft. to 36 ft																															
	Static Water Level _____ ft. from _____ Date _____																															
	PUMPING LEVEL (below land surface) _____ ft. after _____ hrs. pumping _____ g.p.m.																															
	Well Head Completion Pitless adapter mfr _____ Model _____ Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)																															
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Material _____ From To (ft.) Amount(yds/bags) _____ 0 34 10 S																															
	Nearest Known Source of Contamination _____ ft. direction _____ type _____ Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No																															
	Pump <input checked="" type="checkbox"/> Not Installed Date Installed N Mfr name _____ Model _____ HP _____ Volts _____ Drop Pipe Length _____ ft. Capacity _____ g.p.m. Type _____																															
REMARKS, ELEVATION, SOURCE OF DATA, etc.	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																															
MW-5 01-E-12289	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																															
USGS Quad _____ Elevation _____ Aquifer: _____ Alt Id: _____	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>27058</u> License Business Name _____ Name of Driller <u>LENZMEIRR,D.</u>																															

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Unique No. 00537843	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11
County Name Hennepin		Entry Date 1995/04/07
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 32 ft. Depth Completed 32 ft. Date Well Completed 1993/12/06	
Well Name MW-2	Drilling Method	
Well Owner's Name MW-2 1069 10TH SE AV MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
Contact's Name TRAVELERS LIFE & ANNUITY 2215 YORK RD OAK BROOK IL 60521	Use Monitor well	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
	Screen Open Hole From ft. to ft. Make Type	
	Static Water Level 27 ft. from Land surface Date 1993/12/06	
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc. MW-2, 846171, SUITE 504	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
USGS Quad Elevation Aquifer: Alt Id:	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>M0054</u> License Business Name Name of Driller	

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Unique No. 00446998	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11
County Name Hennepin		Entry Date 1993/02/24
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 41 ft. Depth Completed 41 ft. Date Well Completed 1988/05/10	
Well Name CMC REAL ESTATE MW-2	Drilling Method	
Well Owner's Name CMC REAL ESTATE MW-2 MINNEAPOLIS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
Contact's Name 547 W JACKSON SUITE 1510 BL CHICAGO 60606	Use Monitor well	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
	Screen	Open Hole From ft. to ft. Type
	Static Water Level 31 ft. from Land surface	Date 1988/05/10
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc. APPROX 310' S OF 8TH ST S + 170' E OF 17TH AVE. SEE ATTACHED SKETCH. TCT #4220 88-507. SURFACE ELEV 840.0'. USGS Quad St Paul West Elevation Aquifer: Alt Id:	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>M0070</u> License Business Name Name of Driller	

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Unique No. 00223843	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2004/06/03
County Name Hennepin		Entry Date 1991/08/24
Township Name Township Range Dir Section Subsection 29 24 W 24 CCBADB	Well Depth 361 ft. Depth Completed 361 ft. Date Well Completed 1964/05/00	
Well Name TANDEM-VAN DE GRAAFT LAB	Drilling Method	
Contact's Name TANDEM-VAN DE GRAAFT LAB MINNEAPOLIS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Industrial	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO	Casing Diameter Weight(lbs/ft)	
ST. PETER SANDSTONE 0 149	16 in. to 83 ft	
SHAKOPEE-ONEOTA DOLO 149 276		
JORDAN SANDSTONE 276 360		
SHALE 360 361		
	Screen	Open Hole From ft. to ft.
	Make	Type
	Static Water Level -1 ft. from Land surface Date 1964/05/00	
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP 0 Volts Drop Pipe Length ft. Capacity g.p.m. Type	
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
USGS Quad St Paul West Elevation 746 Aquifer: MTPL Alt Id:	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>27118</u> License Business Name Name of Driller	

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Unique No. 00527413	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 1995/05/31
County Name Hennepin		Entry Date 1995/05/08
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 29 ft. Depth Completed 29 ft. Date Well Completed 1993/06/24	
Well Name MW-1	Drilling Method	
Well Owner's Name MW-1 912 9TH SE AV MN 55414	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
Contact's Name FUTURE BUILDING SYSTEMS 16733 CAMBORNE PL EDEN PRAIRIE MN 55344	Use Monitor well	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
	Screen Open Hole From ft. to ft. Make Type	
	Static Water Level 24 ft. from Land surface Date 1993/06/24	
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc.	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
MW-1, JOB #440-1633	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
USGS Quad Elevation Aquifer: Alt Id:	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>27653</u> License Business Name Name of Driller	

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Unique No. 00646103	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11
County Name Hennepin		Entry Date 2000/10/16
Township Name Township Range Dir Section Subsection 29 24 W 24 CAC	Well Depth 30 ft. Depth Completed 30 ft. Date Well Completed 2000/05/16	
Well Name BP AMOCO	Drilling Method Auger (non-specified)	
Well Owner's Name BP AMOCO 1000 UNIVERSITY MINNEAPOLIS MN 55414	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From ft. to ft.
Contact's Name BP AMOCO 2288 C W CR ROSEVILLE MN 55113	Use Monitor well	
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO	Casing Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N	Hole Diameter in. to 30 ft
C SAND BROW MEDIUM 0 18	Casing Diameter 2 in. to 20 ft Weight(lbs/ft)	
F SAND BROW MEDIUM 18 30		
	Screen Y	Open Hole From ft. to ft.
	Make JOHNSON	Type P
	Diameter Slot Length Set	Fitting
	10 20 ft. to 30 ft	
	Static Water Level 24 ft. from Land surface	Date 2000/05/16
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Material From To (ft.) Amount(yds/bags) B 0 18 3 S	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input checked="" type="checkbox"/> Not Installed Date Installed N Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m Type	
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
USGS Quad Elevation Aquifer: Alt Id:	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>27058</u> License Business Name Name of Driller <u>HALPUS, E.</u>	

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Unique No. 00646105	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11															
County Name Hennepin		Entry Date 2000/10/16															
Township Name Township Range Dir Section Subsection 29 24 W 24 CAC	Well Depth 30 ft. Depth Completed 30 ft. Date Well Completed 2000/05/16																
Well Name BP AMOCO	Drilling Method Auger (non-specified)																
Well Owner's Name BP AMOCO 1000 UNIVERSITY MINNEAPOLIS MN 55414	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From ft. to ft.															
Contact's Name BP AMOCO 2288 C W CR ROSEVILLE MN 55113	Use Monitor well																
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>GEOLOGICAL MATERIAL</th> <th>COLOR</th> <th>HARDNESS</th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>C SAND</td> <td>BROW</td> <td>MEDIUM</td> <td>0</td> <td>18</td> </tr> <tr> <td>F SAND</td> <td>BROW</td> <td></td> <td>18</td> <td>30</td> </tr> </tbody> </table>	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO	C SAND	BROW	MEDIUM	0	18	F SAND	BROW		18	30	Casing Drive Shoe? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> N	Hole Diameter in. to 30 ft
	GEOLOGICAL MATERIAL	COLOR	HARDNESS	FROM	TO												
C SAND	BROW	MEDIUM	0	18													
F SAND	BROW		18	30													
	Casing Diameter 2 in. to 20 ft Weight(lbs/ft)																
	Screen Y	Open Hole From ft. to ft.															
	Make JOHNSON	Type P															
	Diameter Slot Length Set	Fitting															
	2 10 10 20 ft. to 30 ft																
	Static Water Level 24 ft. from Land surface	Date 2000/05/16															
	PUMPING LEVEL (below land surface)																
	ft. after	hrs. pumping g.p.m.															
	Well Head Completion																
	Pitless adapter mfr	Model															
	Casing Protection	<input type="checkbox"/> 12 in. above grade															
	<input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)																
	Grouting Information	Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No															
	Material	From To (ft.) Amount(yds/bags)															
	B	0 18 3 S															
	Nearest Known Source of Contamination																
	ft. direction	type															
	Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No																
	Pump <input checked="" type="checkbox"/> Not Installed	Date Installed N															
	Mfr name																
	Model	HP Volts															
	Drop Pipe Length ft.	Capacity g.p.m															
	Type																
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																
USGS Quad	Elevation																
Aquifer:	Alt Id:																
Report Copy																	
	Well CONTRACTOR CERTIFICATION	Lic. Or Reg. No. <u>27058</u>															
	License Business Name																
	Name of Driller	<u>HALPAUS, E</u>															

Unique No. 00191944	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 1991/09/11
County Name Hennepin		Entry Date 1991/07/05
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 63 ft. Depth Completed 63 ft. Date Well Completed 1985/08/16	
Well Name ENVIRONMENTAL ENG.	Drilling Method	
	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Monitor well	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
	Screen	Open Hole From ft. to ft. Type
	Make	
	Static Water Level 9 ft. from Land surface Date 1985/08/16	
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type	
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. License Business Name Name of Driller		
USGS Quad Elevation Aquifer: Alt Id:	Report Copy	

Unique No. 00200386	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2004/06/03
County Name Hennepin		Entry Date 1991/08/24
Township Name Township Range Dir Section Subsection 29 24 W 24 CDBCA	Well Depth 384 ft. Depth Completed 384 ft. Date Well Completed 1950/05/00	
Well Name U OF M	Drilling Method	
Contact's Name U OF M MINNEAPOLIS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Public Supply/non-community	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO		
TOP SOIL		0 2
PLATTEVILLE LIMEROCK		2 26
SHALE		26 30
ST PETER SANDSTONE SOFT		30 153
SHALE		153 158
DIRTY ST PETER SANDSTO		158 170
CLEAN AND MORE STABLE		170 189
SHAKOPEE DOLOMITE		189 325
JORDAN SANDSTONE		325 384
	Screen	Open Hole From ft. to ft. Type
	Make	
	Static Water Level ft. from	Date
	PUMPING LEVEL (below land surface)	
	0 ft. after hrs. pumping	460 g.p.m.
	Well Head Completion	
	Pitless adapter mfr Model	
	Casing Protection <input type="checkbox"/> 12 in. above grade	
	<input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information	Well grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No
	Nearest Known Source of Contamination	
	ft. direction type	
	Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed	Date Installed
	Mfr name	
	Model HP Volts	
	Drop Pipe Length ft. Capacity g.p.m	
	Type	
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Well CONTRACTOR CERTIFICATION	Lic. Or Reg. No. <u>27246</u>
	License Business Name	
	Name of Driller	
REMARKS, ELEVATION, SOURCE OF DATA, etc.		
CASING: 010 TO 0026;006 TO 0146.		
WELL ABANDONED IN NOV 1970		
USGS Quad St Paul West	Elevation 780	
Aquifer:	Alt Id:	

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Unique No. 00443241	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2004/06/03
County Name Hennepin		Entry Date 1993/02/24
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 80 ft. Depth Completed 80 ft. Date Well Completed 1987/10/21	
Well Name MINNEGASCO	Drilling Method	
Well Owner's Name MINNEGASCO MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
Contact's Name 201 W. 7TH ST MINNEAPOLIS MN 55401	Use Monitor well	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
	Screen	Open Hole From ft. to ft. Type
	Static Water Level 23 ft. from Land surface	Date 1987/10/21
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc. 120FT. S. OF MISS. RIVER/30FT. E OF 10TH AVE. SE. ELEV UNAVAILABLE. MW INSTALLED TO INVESTIGATE EXTENT OF CONTAMINATION PLUME. USGS Quad St Paul West Elevation Aquifer: Alt Id:	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>M0019</u> License Business Name Name of Driller	

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Unique No. 00439859	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11
County Name Hennepin		Entry Date 1991/08/24
Township Name Township Range Dir Section Subsection 29 24 W 24 CCDDCB	Well Depth 115 ft. Depth Completed 115 ft. Date Well Completed 1988/04/12	
Well Name WELL OW13	Drilling Method	
Contact's Name WELL OW13 MINNEAPOLIS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Other (specify in remarks)	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO	Casing Diameter Weight(lbs/ft)	
FILL CEMENT + TAR BLACK 0 5	8 in. to 85 ft	
COAL CHUNKS BLACK 5 15	4 in. to 102 ft	
SAND BRICKS OIL RED 15 30		
GRAVEL + BROKEN LIMER BLACK 30 68		
LIMEROCK TAN 68 71	Screen Y	Open Hole From ft. to ft.
LIMEROCK + GRAVEL TAN 71 82	Make JOHNSON	Type O
LIMESTONE TAN 82 88	Diameter Slot Length Set	Fitting
GRAVEL 88 89	4 6 5.2 109 ft. to 115 ft	
SANDSTONE YELLO 89 98	Static Water Level 21 ft. from Land surface	Date 1988/04/12
SANDSTONE TAN 98 105	PUMPING LEVEL (below land surface)	
ST. PETER WHITE 105 115	0 ft. after hrs. pumping	3 g.p.m.
	Well Head Completion	
	Pitless adapter mfr	Model
	Casing Protection	<input type="checkbox"/> 12 in. above grade
	<input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information	Well grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No
	Nearest Known Source of Contamination	
	ft. direction	type
	Well disinfected upon completion?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Pump <input type="checkbox"/> Not Installed	Date Installed
	Mfr name	
	Model	HP 0 Volts
	Drop Pipe Length ft.	Capacity g.p.m
	Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc.	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
CASING: 8 TO 85; 4 TO 102.	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
MPLS. GAS CO. 10TH AVE. BRIDGE + S. SIDE MISS. RIVER BY CRA.	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>71015</u>	
USGS Quad St Paul West Elevation 750	License Business Name	
Aquifer: OSTP Alt Id:	Name of Driller	

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Unique No. 00431645	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2004/06/03
County Name Hennepin		Entry Date 1993/02/24
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 21 ft. Depth Completed 21 ft. Date Well Completed 1983/07/14	
Well Name ENVIRONMENTAL ENGINEERIN	Drilling Method	
Well Owner's Name ENVIRONMENTAL ENGINEERIN MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
Contact's Name 7400 METRO BL EDINA MN 55635	Use Monitor well	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
	Screen	Open Hole From ft. to ft. Type
	Static Water Level 13 ft. from Land surface	Date 1983/07/14
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc. MGK SITE 17TH + 5TH STREET.	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
USGS Quad St Paul West Elevation Aquifer: Alt Id:	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>71015</u> License Business Name Name of Driller	

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Unique No. 00431642	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2004/06/03
County Name Hennepin		Entry Date 1993/02/24
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 25 ft. Depth Completed 25 ft. Date Well Completed 1987/08/27	
Well Name O. H. MATERIALS	Drilling Method	
Well Owner's Name O. H. MATERIALS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
Contact's Name 15406 US RR 224 FINDLAY 45839- 551	Use Monitor well	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
	Screen	Open Hole From ft. to ft. Type
	Static Water Level 6 ft. from Land surface	Date 1987/08/27
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type	
REMARKS, ELEVATION, SOURCE OF DATA, etc. 5TH ST. + 18TH AVE. WELL DONE FOR MGK IN MINNEAPOLIS	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
USGS Quad St Paul West Elevation Aquifer: Alt Id:	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. <u>71015</u> License Business Name Name of Driller	

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Unique No. 00428959	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2005/03/11
County Name Hennepin		Entry Date 1993/02/24
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 25 ft.	Depth Completed 21 ft.
		Date Well Completed 1987/07/08
Well Name MCLAUGHLIN-GORMLEY-KING	Drilling Method	
Well Owner's Name MCLAUGHLIN-GORMLEY-KING	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No
MN	From	ft. to ft.
Contact's Name	Use Monitor well	
1715 5TH SE ST	Casing	Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N
MINNEAPOLIS		Hole Diameter
	Screen	Open Hole From ft. to ft.
	Make	Type
	Static Water Level 13 ft. from Land surface Date 1987/07/08	
	PUMPING LEVEL (below land surface)	
	ft. after	hrs. pumping g.p.m.
	Well Head Completion	
	Pitless adapter mfr	Model
	Casing Protection	<input type="checkbox"/> 12 in. above grade
	<input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information	Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	Nearest Known Source of Contamination	
	ft.	direction type O
	Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed	Date Installed
	Mfr name	
	Model	HP Volts
	Drop Pipe Length ft.	Capacity g.p.m.
	Type	
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Well CONTRACTOR CERTIFICATION	Lic. Or Reg. No. <u>M0019</u>
	License Business Name	
	Name of Driller	
REMARKS, ELEVATION, SOURCE OF DATA, etc.		
150' E. + 50' N. OF 5TH ST. S.E. + 17TH AVE. S.E. WELL SM-15.		
USGS Quad St Paul West	Elevation	
Aquifer:	Alt Id:	

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Unique No. 00239765	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 2003/04/10
County Name Hennepin		Entry Date 1991/08/24
Township Name Township Range Dir Section Subsection 29 24 W 24 CCCDBC	Well Depth 731 ft. Depth Completed 731 ft. Date Well Completed	
Well Name MINNEGASCO DEEP WELL	Drilling Method	
Contact's Name MINNEGASCO DEEP WELL MINNEAPOLIS MN	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Commercial	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
GEOLOGICAL MATERIAL COLOR HARDNESS FROM TO		
FILL OF OLD QUARRY		0 53
GLENWOOD SHALE		53 58
ST. PETER SANDSTONE		58 221
PRAIRIE DU CHIEN		221 342
JORDAN SANDSTONE		342 414
ST. LAWRENCE FORMATIO		414 486
FRANCONIA FORMATION		486 614
IRONTON-GALESVILLE FOR		614 690
EAU CLAIRE FORMATION		690 731
	Screen N	Open Hole From ft. to 731 ft.
	Make	Type
	Static Water Level 54 ft. from Land surface	Date 1987/01/12
	PUMPING LEVEL (below land surface)	
	ft. after	hrs. pumping g.p.m.
	Well Head Completion	
	Pitless adapter mfr	Model
	Casing Protection	<input type="checkbox"/> 12 in. above grade
	<input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information	Well grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No
	Nearest Known Source of Contamination	
	ft. direction	type
	Well disinfected upon completion?	<input type="checkbox"/> Yes <input type="checkbox"/> No
	Pump <input type="checkbox"/> Not Installed	Date Installed
	Mfr name	
	Model	HP 0 Volts
	Drop Pipe Length ft.	Capacity g.p.m.
	Type	
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No.	
	License Business Name	
	Name of Driller	
REMARKS, ELEVATION, SOURCE OF DATA, etc.		
GAMMA LOGGED. WELL WAS ORIGINALLY DRILLED IN BOTTOM OF A QUARRY.		
GAMMA LOGGED 1/12/87.		
USGS Quad St Paul West	Elevation 818	
Aquifer:	Alt Id:	

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Unique No. 00191945	MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING RECORD <i>Minnesota Statutes Chapter 1031</i>	Update Date 1991/09/11
County Name Hennepin		Entry Date 1991/07/05
Township Name Township Range Dir Section Subsection 29 24 W 24	Well Depth 65 ft.	Depth Completed 65 ft.
		Date Well Completed 1985/08/28
Well Name ENVIRONMENTAL ENG.	Drilling Method	
	Drilling Fluid	Well Hydrofractured? <input type="checkbox"/> Yes <input type="checkbox"/> No From ft. to ft.
	Use Monitor well	
	Casing Drive Shoe? <input type="checkbox"/> Yes <input type="checkbox"/> N	Hole Diameter
	Screen Open Hole From ft. to ft. Make Type	
	Static Water Level 19 ft. from Land surface Date 1985/08/28	
	PUMPING LEVEL (below land surface) ft. after hrs. pumping g.p.m.	
	Well Head Completion Pitless adapter mfr Model Casing Protection <input type="checkbox"/> 12 in. above grade <input type="checkbox"/> At-grade(Environmental Wells and Borings ONLY)	
	Grouting Information Well grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
	Nearest Known Source of Contamination ft. direction type Well disinfected upon completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Pump <input type="checkbox"/> Not Installed Date Installed Mfr name Model HP Volts Drop Pipe Length ft. Capacity g.p.m. Type	
	Any not in use and not sealed well(s) on property? <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Was a variance granted from the MDH for this Well? <input type="checkbox"/> Yes <input type="checkbox"/> No	
USGS Quad Elevation Aquifer: Alt Id:	Well CONTRACTOR CERTIFICATION Lic. Or Reg. No. License Business Name Name of Driller	

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