Syngenta Crop Protection, Inc.

Atrazine Occurrence in Minnesota Ground and Surface Waters, 2000-2006

PREPARED BY

Dennis P. Tierney, Ph.D and Ronald W. Williams, Jr., Ph.D.
Stewardship Group
Syngenta Crop Protection, Inc.
Greensboro, NC 27419-8300

and

Brian R. Christensen and Cheryl L. Dando
Brian Christensen Companies, Inc.
Minnetonka, MN 55345

Technical Report: 1-2008

October 23, 2008

This report provides technical information on atrazine occurrence in surface and groundwater and the relationship to human health drinking water standards and aquatic life criteria.

Syngenta Crop Protection Inc. is dedicated to development of crop protection products of economic value to agriculture and to principles of good stewardship in product use and disposal. This document is produced in the spirit of cooperation to help address the scientific, regulatory and educational issues natural resource managers, dealers, and growers face to achieve compliance with state and federal regulations.

This report was directed and coordinated by Dennis P. Tierney, Ph.D., Syngenta Crop Protection, Inc., Greensboro, North Carolina. This report was prepared by Brian R. Christensen and Cheryl L. Dando of Brian Christensen Companies, Inc., Minnetonka, Minnesota and Dennis P. Tierney, Ph.D. and Ronald W. Williams, Jr., Ph.D., Syngenta Crop Protection, Inc. Greensboro, North Carolina.

EXECUTIVE SUMMARY

The Minnesota Department of Agriculture (MDA) has conducted ground and surface water monitoring programs for pesticides, including atrazine, since 1985. In 1996, the MDA first published its Pesticide Management Plan (PMP) as a means to coordinate activities designed to protect the state's surface and ground water resources. This program is more restrictive than federal pesticide registration requirements in that it requires continued monitoring and implementation of best management practices for pesticides whose detections are below either human health standards or aquatic life criteria in ground or surface water. This report summarizes our analysis of Minnesota water monitoring data for atrazine and compares ground and surface water detections to established water quality criteria for the protection of human health or aquatic life. These data show atrazine concentrations in the state are low and, when found, are not present at levels that pose a threat to either human health or aquatic life, based on scientifically derived effects criteria.

Atrazine monitoring data from five groundwater and three surface water monitoring programs plus Safe Drinking Water Act (SDWA) monitoring data from Minnesota Community Water Systems (CWS) during 2000-2006 were reviewed. Over this period, a total of approximately 5700 ground, surface and drinking water samples were collected and analyzed. The maximum detected atrazine concentration in a groundwater sample was 1.52 ppb and 1.2 ppb in drinking water. These values were below the Minnesota rural well Health Risk Limit (HRL) of 3 ppb and the federal drinking water Maximum Contaminant Level (MCL) of 3 ppb.

Groundwater

The MDA, United States Geologic Survey (USGS) and Dakota County monitored for atrazine in groundwater (wells and springs) between 2000 and 2006. The MDA monitoring program was state-wide with the majority of groundwater monitoring in two geologically sensitive areas (Pesticide Monitoring Region (PRM) 4 - Central Sands and PMR 9 - Southeast Minnesota Springs). The USGS monitored groundwater in the Upper Mississippi River Basin over an area ranging from Beltrami to Dakota counties. Additionally, Dakota County conducted its own groundwater (well) monitoring study from 2001-2006. Combining all data sets, atrazine was detected above method reporting limits (MRL) in 16% of the samples. The maximum detected concentration, out of 3,898 samples, was 1.52 ppb. The Minnesota HRL for atrazine in rural wells is 3 ppb. USGS and Dakota groundwater data show atrazine levels, when detected, were very low with a 95th percentile concentration of 0.069 ppb for USGS data and 0.21 ppb for Dakota County groundwater.

In one of Minnesota's most sensitive geologic area (PMR 4 – Central Sands), atrazine concentrations, when detected, have remained low throughout the 2000-2006 monitoring period. The maximum annual atrazine concentrations during this time ranged from 0.20 ppb (2006) to 0.51 ppb (2001). These data consistently show atrazine groundwater concentrations in this vulnerable region are below human health or aquatic life criteria. Very similar results were also found in another sensitive geologic region PMR 9 Southeastern

Minnesota springs region. The Minnesota Department of Agriculture groundwater data for these sensitive regions, when detected, were very low with a 95th percentile concentration of 0.13 ppb for PMR 4 and 0.17 ppb for PMR 9.

Surface Water

Atrazine surface water monitoring data from MDA and USGS surface water monitoring reports from 2001 to 2006 were collected and reviewed. The MDA monitoring program was state-wide and consisted of (1) a grab sample screening program and (2) an intensive storm-event composite sampling program for those watersheds prescreened with pesticide detections. The USGS monitored surface water in the Upper Mississippi River and Red River Basins. Combining all data sets, atrazine was detected above method reporting limits in 74% of the samples. The maximum reported atrazine surface water concentration, out of more than 1,700 samples, was 33.2 ppb. The 95th percentile concentration was 2.05 ppb.

Storm-event based sampling of surface waters was instituted by MDA in 2001 to evaluate the temporal occurrence of pesticides on a 4-day and/or 30-day basis for comparison to state water quality standards and criteria at river segments that had a history of atrazine detections. Two sites had 4-day average atrazine concentration that exceeded the Minnesota Pollution Control Agency (MCPA) chronic aquatic life criteria of 10 ppb in Chaska Creek (2002) and Whitewater River (2004), but only once in six years of monitoring. To qualify as an impaired water body under MPCA and federal Clean Water Act guidelines, atrazine, or any other regulated substance, concentrations must exceed the relevant aquatic life criteria twice in a three year period. Therefore, Chaska Creek and the Whitewater River did not qualify as impaired under MPCA aquatic life criteria for atrazine.

Only one 30-day average concentration exceeded the MCPA human health based atrazine criteria of 3.4 ppb, for surface water protected as a drinking water source, in the six years of monitoring (2001-2006). This exceedance occurred in the Whitewater River in 2004. A human health criteria violation in Class 2A waters is defined as the criteria being exceeded twice in a three-year period and, as such, the Whitewater River was not in violation of the atrazine 30-day human health criteria.

Under the federal SDWA, all community water systems (CWS) must monitor their finished drinking water for a series of regulated contaminants including atrazine unless granted a waiver. The Minnesota Department of Health (MDH) is responsible for regulating CWS. As of December 2006, there were 965 CWS in the state of Minnesota. Between 2000 and 2006, a total of 2,104 atrazine monitoring samples were collected and analyzed from 541 CWS. Atrazine was detected above the method reporting limit in only 35 samples at 11 CWS. The maximum atrazine concentration for any CWS sampled during this seven-year period was 1.2 ppb in groundwater, 0.3 ppb in surface water and 0.5 ppb in combination water. An atrazine MCL notice of violation has never been issued to a Minnesota CWS over the 14 years atrazine has been regulated (1993-2006).

In summary, a review of the extensive atrazine water monitoring data in the state of Minnesota showed atrazine concentrations have been, and remain, low and do not exceed

state or federal numeric criteria for the protection of human health or aquatic life. Specifically, atrazine concentrations in Minnesota ground and surface waters during the seven-year monitoring period did not exceed the ambient surface water 2A and 2Bd criteria nor the drinking water MCL for finished water at CWS or private rural wells.

Although no federal or state water quality standards or criteria were exceeded or violated, the MDA conservatively identified atrazine as a pesticide of "common detection" in groundwater and a "pesticide of concern" in surface water. With these designations, the MDA continues to monitor trends in occurrence and concentration in geologic and surface water sensitive areas of Minnesota. In addition, MDA conducts outreach programs for the implementation of best management practices for reducing the occurrence and levels of atrazine in Minnesota ground and surface waters.

TABLE OF CONTENTS

		PAGE
EXECUTIVE SUMMARY		**3**
TABLE OF CONTENTS		**6**
LIST OF TABLES		**8**
LIST OF FIGURES		**11**
1.0	**INTRODUCTION**	**13**
2.0	**DATA SOURCES**	**13**
3.0	**WATER QUALITY STANDARDS AND DEFINITIONS**	**15**
3.1	Federal and State Human Health Drinking Water Standards for Atrazine	15
3.2	Minnesota Pollution Control Agency Aquatic Life Water Quality Criteria for Atrazine	16
3.3	Minnesota Department of Agriculture Pesticide Management Plan, Common Detections and Pesticides of Concern	17
4.0	**ATRAZINE OCCURRENCE IN AMBIENT MINNESOTA GROUNDWATERS**	**18**
4.1	Monitoring Atrazine Occurrence in Ambient Minnesota Groundwater	18
4.2	MDA Regional Groundwater Monitoring Network	18
4.3	MDA Southeast Minnesota Springs Monitoring	24
4.4	MDA, MDH and MCPA Random Survey of Drinking Water Wells	27
4.5	United States Geologic Survey - National Water Quality Assessment Groundwater Monitoring	28
4.6	Groundwater Monitoring, Dakota County	31
5.0	**PESTICIDE MONITORING PROGRAMS FOR AMBIENT SURFACE WATER IN MINNESOTA**	**33**
5.1	MDA Surface Water Monitoring Network	33
5.1.1	Surface Water Grab Sampling.	37
5.1.2	Surface Water Composite Sampling.	40
5.2	United States Geologic Survey – National Water Quality Assessment Surface Water Monitoring	48
5.3	MDH Community Water System Safe Drinking Water Act Compliance Monitoring	50
5.3.1	CWS on Groundwater	51
5.3.2	CWS on Surface Water and CWS on Surface and Ground Water Combination Sources	51
6.0	**SUMMARY OF FINDINGS AND OBSERVATIONS**	**55**

6.1 Groundwater Observations 55
6.2 Trends in the Occurrence of Atrazine in Groundwater 57
6.3 Surface Water Observations 60
6.4 Trends in the Occurrence of Atrazine in Surface Water 60
6.5 Drinking Water Observations 61
7.0 CONCLUSIONS 61
REFERENCES 62
ABBREVIATIONS 62
APPENDIX SECTION 63
APPENDIX 1 Atrazine Results from Regional Groundwater Monitoring Network Minnesota Department of Agriculture, 2001-2006 63
APPENDIX 2 Atrazine Results from the Southeast Minnesota Springs, Minnesota Department of Agriculture, 2000-2006 84
APPENDIX 3 Atrazine Results from the Random Well Survey Minnesota Department of Agriculture, 2004 93
APPENDIX 4 Atrazine Results for Groundwater Monitoring from the National Water Quality Assessment Program (NAWQA) United States Geological Survey, 2000-2006 95
APPENDIX 5 Atrazine Results from Private Wells, Dakota County Ambient Groundwater Quality Study Dakota County, Minnesota, 2001-2006 98
APPENDIX 6 Atrazine Results from Grab and Composite Samples Surface Water Monitoring Network Minnesota Department of Agriculture, 2001-2006 104
APPENDIX 7 Atrazine Results for Surface Water Monitoring from the National Water Quality Assessment Program (NAWQA) United States Geological Survey, 2000-2006 106
APPENDIX 8 Safe Drinking Water Act Groundwater Compliance Monitoring Atrazine Data Minnesota Department of Health, 2000-2006 106
APPENDIX 9 Safe Drinking Water Act Surface and Other Water Compliance Monitoring Atrazine Data Minnesota Department of Health, 2000-2006 106
APPENDIX 10 MDA, USGS And Dakota County Pesticide Analytes 106

LIST OF TABLES

TABLE		PAGE
Table 1	Atrazine Drinking Water Human Health Standards and Aquatic Life Water Quality Criteria Applicable to Waters of Minnesota, 2007	17
Table 2	Atrazine Samples, Detections and Maximum Detected Concentrations From Six of the Groundwater Monitoring Network Regions of the Minnesota Department of Agriculture, 2000-2006	21
Table 3	Number of Wells Sampled, Number of Samples, Detections and Maximum Detected Atrazine Concentrations by County from Six of the Groundwater Monitoring Network Regions of the Minnesota Department of Agriculture, 2000-2006	22
Table 4	Atrazine Percentile Concentrations for Six of the Groundwater Monitoring Network Regions of the Minnesota Department of Agriculture, 2000-2006	23
Table 5	Atrazine Samples, Detections and Maximum Concentrations from the Southeast Minnesota Springs Network of the Minnesota Department of Agriculture, 1993-2006	25
Table 6	Atrazine Samples, Detections and Maximum Concentrations by Year from the Southeast Minnesota Springs Network of the Minnesota Department of Agriculture, 2000-2006	25
Table 7	Atrazine Mean Percentile Concentrations in Groundwater from the MDA Southeast Minnesota Springs Monitoring Network, 2000-2006	26
Table 8	Atrazine Samples, Detections, Maximum Concentration and Limit of Quantification for the USGS - NAWQA Groundwater Monitoring Network in Minnesota, 2000-2006	29
Table 9	Atrazine Samples, Detections, Maximum and Limit of Quantification, by Year for the USGS - NAWQA Groundwater Monitoring Network in Minnesota, 2000-2006	30
Table 10	Atrazine Mean and Percentile Concentrations in Groundwater from the USGS - NAWQA Groundwater Monitoring Network in Minnesota, 2000-2002	30

LIST OF TABLES

TABLE		PAGE
Table 11	Number of Wells, Atrazine Samples, Detections, Maximum Concentration and MRL for Atrazine from the Dakota County Ambient Groundwater Quality Study, 2001-2006	32
Table 12	Atrazine Annual Mean and Percentile Concentrations in Private Groundwater Wells in Dakota County from the Dakota County Ambient Groundwater Quality Study, 2001-2006	32
Table 13	Monitoring Stations and County Location for the MDA Surface Water Monitoring Network, 2001-2005	35
Table 14	Surface Water Monitoring Stations and County Location for the MDA Surface Water Monitoring Network in 2006 along with Tier, Pesticide Monitoring Region and Sample Type Information	36
Table 15	Atrazine Grab Samples, Number of Detections and Maximum Concentrations from the MDA Surface Water Monitoring Network, 2001-2006	38
Table 16	Atrazine Mean and Percentile Concentrations in Surface Water Grab Samples from the MDA Surface Water Monitoring Network, 2001-2006	39
Table 17	Number of Atrazine Samples, Detections and Maximum Concentrations from Composite Samples from the MDA Surface Water Monitoring Network, 2001-2006	42
Table 18	Atrazine Seasonal Mean (May – August per year) and Percentile Concentrations in Surface Water Composite Samples from the MDA Surface Water Monitoring Network, 2001-2006	43
Table 19	Atrazine Individual Sample Concentrations and 4-day Running Averages in Chaska Creek from the MDA Surface Water Monitoring Network in 2002	44
Table 20	Atrazine Individual Sample Concentrations and 4-day Running Averages in the Whitewater River from the MDA Surface Water Monitoring Network in 2004	45
Table 21	Atrazine Concentrations June-July 2004 – Middle Fork of the Whitewater River, Prepared by D. Christopherson, Minnesota Pollution Control Agency, April 25, 2005	47

LIST OF TABLES

TABLE		PAGE
Table 22	Surface Water Samples, Atrazine Detections and Maximum Concentration by Basin from the USGS - NAWQA Surface Water Monitoring Network, 2000-2006	49
Table 23	Atrazine Surface Water Mean and Percentile Concentrations from the USGS - NAWQA Surface Water Monitoring Network, 2000-2006	49
Table 24	Atrazine Occurrence for Minnesota CWS on Groundwater, Surface Water and Combination of Both Sources Based on Compliance Monitoring from the MDH Safe Drinking Water Act, 2000-2006	52
Table 25	Atrazine Occurrence for Minnesota CWS on Groundwater, Surface Water and Combination Source Water by Year Based on Compliance Monitoring Data from the MDH Safe Drinking Water Act, 2000-2006	53
Table 26	Atrazine Annual Mean Concentrations for CWS on Groundwater, Surface Water or Combination Source Water with Detections from the MDH Safe Drinking Water Act Compliance Monitoring, 2000-2006	54
Table 27	Comparison of Ground and Surface Water Monitoring Programs in Minnesota (2000-2006) to Federal and State Atrazine Human Health and Aquatic Life Water Quality Standards and Criteria	55
Table 28	Atrazine Occurrence and Maximum Concentrations in Ground and Surface Water Monitoring Programs in Minnesota, 2000-2006	56
Table 29	Atrazine Occurrence and Concentration Trends in Groundwater in PMR #4 from the MDA Groundwater Monitoring Network, 2000-2006	57

LIST OF FIGURES

FIGURE		PAGE
Figure 1	Pesticide Monitoring Regions, Minnesota Department of Agriculture	20
Figure 2	Percentile Distribution of Atrazine Concentrations in MDA Groundwater Regional Monitoring Network Wells Compared to the MDH Drinking Water HRL, 2000 – 2006	23
Figure 3	Percentile Distribution of Atrazine Concentrations in Southeast Minnesota Springs Compared to MDH Drinking Water HRL (daily) and MCPA 1-day and 4-day Aquatic Life Criteria from the MDA Southeast Minnesota Spring Network, 2000-2006	26
Figure 4	Drinking Water Well Survey Grid Points, Wells Sampled (dots) and Wells with Detections (shaded rectangles) from the MDA 2004 Random Survey	27
Figure 5	River Basin Study Units in Minnesota, USGS NAWQA Program	28
Figure 6	Percentile Distribution of Atrazine Concentrations in Groundwater from the USGS – NAWQA Well Monitoring Network (2000-2006) Compared to the Minnesota Atrazine Drinking Water HRL	31
Figure 7	Distribution of Atrazine Concentrations in Private Groundwater Wells (2001-2006) from the Dakota County Ambient Groundwater Quality Study Compared to the MDH Drinking Water HRL for Private Wells	33
Figure 8	Tier 1 Monitoring Sites, MDA 2006 Surface Water Monitoring Program	34
Figure 9	Distribution of Atrazine Concentrations in Surface Water Grab Samples from the MDA Surface Water Monitoring Network (2001-2006) Compared to the MPCA Aquatic Life Criteria for Atrazine	40
Figure 10	Distribution of Atrazine Concentrations in Surface Water Composite Samples from the MDA Surface Water Monitoring Network (2001-2006) Compared to the MPCA Aquatic Life Criteria for Atrazine	44
Figure 11	Distribution of Atrazine Concentrations for all Minnesota Sites in the USGS – NAWQA Surface Water Monitoring Network (2000-2006) Compared to the MPCA Aquatic Life Daily Standard	50

LIST OF FIGURES

FIGURE		PAGE
Figure 12	Distribution of Atrazine Maximum Concentrations for CWS on Groundwater, Surface Water or Combination Sources from MDH SDWA Compliance Monitoring (2000-2006) Compared to the MCL	54
Figure 13	Trends in Percent Detections, Maximum Concentration, 95th Percentile and Mean Atrazine Concentrations in PMR 4, MDA Groundwater Monitoring Network, 2000-2006	58
Figure 14	Trends in Percent Detections, Maximum, Mean and 95th Percentile Atrazine Concentrations in Southeast Minnesota Springs, MDA Southeast Minnesota Spring Monitoring, 2000-2006	59

1.0 INTRODUCTION

In recent Minnesota legislative sessions, there have been several attempts to introduce bills to ban or severely restrict the use of atrazine in the state. In large part, these proposals are based on drinking water and aquatic life risk characterization not supported on analysis of the extensive monitoring database of the risk of atrazine. The perceived adverse risk may be primarily the result of the manner in which state and federal atrazine water monitoring data are assessed and reported. For example, the most frequently reported values from these monitoring studies are the easily calculated detection frequencies. However, detection frequencies, in the absence of concentration data relative to federal and state water standards, do not form a scientific basis for risk characterization or risk assessment for any natural or anthropogenic substance that may be present in ground or surface water. The objective of this report is to illustrate, through a review of an extensive array of water monitoring programs in the state of Minnesota, the exposure profile for atrazine in surface and ground waters and how these values compare to conservative aquatic life and human health based water criteria.

This report presents recent atrazine monitoring results for seven consecutive years (2000-2006) from federal, state and county managed water quality monitoring programs in Minnesota. Atrazine human health standards adopted by the U.S. EPA and human health and aquatic life standards adopted by the State of Minnesota are also presented. The results of atrazine monitoring in ground and surface waters are discussed and compared to applicable state and federal atrazine drinking water and aquatic life standards and criteria.

2.0 DATA SOURCES

Atrazine monitoring results from federal, state and a county managed ground or surface water pesticide monitoring programs in the State of Minnesota were reviewed. A summary of the fifteen data sources is given below.

Groundwater Data Sources (8):

Pesticide Monitoring Region 4 (Central Sands) Monitoring Network, Minnesota Department of Agriculture, Freedom of Information Data Request April, 2005 and October, 2007. www.mda.state.mn.us/appd/ace/maace.htm.

Southeast Minnesota Spring Sampling, Minnesota Department of Agriculture, Freedom of Information Data Request April, 2005 and October, 2007.

Groundwater Statewide Survey, Minnesota Department of Agriculture, Water Quality Monitoring Program, "Pesticide Monitoring in Water Resources: Annual Data Report January 2004 through July 2005, May 10, 2006", 196 pgs, at the website: www.mda.state.mn.us/appd/ace/maace.htm.

Groundwater Statewide Survey, Minnesota Department of Agriculture, Water Quality Monitoring Program, "2005 Water Quality Monitoring Report, January – December 2005 June 2007", 165 pgs, at the website: www.mda.state.mn.us/appd/ace/maace.htm.

Groundwater Statewide Survey, Minnesota Department of Agriculture, Water Quality Monitoring Program, "2006 Water Quality Monitoring Report, January – December 2006 June 2007", 82 pgs, at the website: www.mda.state.mn.us/appd/ace/maace.htm.

Safe Drinking Water Act compliance monitoring from Community Water Systems 2000-2006, Minnesota Department of Health, Freedom of Information Data Request, February 2004, April 2005, April 2006 and April 2007.

Public Well Monitoring Survey, 2004, Minnesota Department of Agriculture, Freedom of Information Data Request, April, 2005.

National Water Quality Assessment Program (NAWQA), United States Geologic Survey (USGS), http://water.usgs.gov/nawqa, 2005 and 2007.

Dakota County Ambient Groundwater Quality Study, DRAFT, Dakota County Environmental Management Department, May 2005 and October 2007.

Surface Water Data Sources (7):

Surface Water Monitoring Network, Minnesota Department of Agriculture, Water Quality Monitoring Program, "Pesticide Monitoring in Water Resources: Annual Data Report 2002" and "Pesticide Monitoring in Water Resources: Annual Data Report May 13, 2004", at the website: http://www.mda.state.mn.us/chemicals/pesticides/maace.htm .

Surface Water Statewide Survey, Minnesota Department of Agriculture, Water Quality Monitoring Program, "Pesticide Monitoring in Water Resources: Annual Data Report May 13, 2004", 116 pgs, at the website:
http://www.mda.state.mn.us/chemicals/pesticides/maace.htm .

Surface Water Statewide Survey, Minnesota Department of Agriculture, Water Quality Monitoring Program, "Pesticide Monitoring in Water Resources: Annual Data Report January 2004 through July 2005, May 10, 2006", 196 pgs, at the website:
http://www.mda.state.mn.us/chemicals/pesticides/maace.htm .

Surface Water Statewide Survey, Minnesota Department of Agriculture, Water Quality Monitoring Program, "2005 Water Quality Monitoring Report, January – December 2005 June 2007", 165 pgs, at the website:
http://www.mda.state.mn.us/chemicals/pesticides/maace.htm .

Surface Water Statewide Survey, Minnesota Department of Agriculture, Water Quality Monitoring Program, "2006 Water Quality Monitoring Report, January – December 2006

June 2007", 82 pgs, at the website:
http://www.mda.state.mn.us/chemicals/pesticides/maace.htm .

Safe Drinking Water Act compliance monitoring data from Community Water Systems, Minnesota Department of Health, Freedom of Information Data Requests in February 2004, April 2005, April 2006 and April 2007.

National Water Quality Assessment Program, United States Geologic Survey, at the web site: http://water.usgs.gov/nawqa, 2005 and 2007.

3.0 WATER QUALITY STANDARDS AND DEFINITIONS

Human health and aquatic life water quality standards have been developed by the US EPA and the state of Minnesota for atrazine (Table 1). Human health standards have been promulgated for community water systems, rural wells and ambient surface water used as a drinking water source. Minnesota aquatic life criteria have been developed for protection of aquatic life based upon one-day acute and chronic 4-day and 30-day durations. Human health and aquatic life water quality standard and criteria were developed following strict federal and state guideline procedures.

The MDA regulates the use of pesticides in Minnesota. Through its Pesticide Management Plan (PMP), the MDA has established monitoring programs to determine occurrence of pesticides in ground and surface waters and to manage these occurrences with voluntary best management practices.

3.1 Federal and State Human Health Drinking Water Standards for Atrazine

US-EPA Office of Water Safe Drinking Water Act Maximum Contaminant Level – 4-Quarter Running Average

The Safe Drinking Water Act (SDWA) defines a Maximum Contaminant Level (MCL) as "the maximum permissible level of a contaminant in water which is delivered to any user of a public water system" (i.e., finished water). This is a legally enforceable standard for community water systems regulated under the Safe Drinking Water Act as administered by the Minnesota Department of Health. The atrazine MCL is 3 ppb and compliance with it is based on a 4-quarter running average. (3, US-EPA
http://www.epa.gov/safewater/contaminants/index.html)

MDH Drinking Water Health Risk Limits for Atrazine – Daily Average
The Minnesota Department of Health (MDH) has promulgated drinking water Health Risk Limits (HRL) for 27 pesticides and numerous other compounds. By definition, a health risk limit is the concentration of a groundwater contaminant, or a mixture of contaminants, that can be safely consumed daily for a lifetime. A HRL is expressed as a concentration in micrograms per liter (ug/L). (1, MDH). HRLs are used to evaluate contaminated wells and provide advice to consumers and well owners about the suitability of their water supply for

consumption and other uses. (2, MDA) The Minnesota HRL for atrazine is 3 ppb (3 ug/L) on a daily basis for a lifetime of exposure.

MPCA Surface 2A and 2Bd Drinking Waters – 30-day Average
For Minnesota surface water classified as 2A and 2Bd (i.e., protected as a source for drinking water), the Minnesota Pollution Control Agency (MPCA) has developed a human health standard based on a 30-day exposure duration. These standards were promulgated under Minnesota Regulations Chapter 7050. The human health 30-day average concentration standard for atrazine is 3.4 ppb. A violation of this standard is defined as an exceedance of the numeric value two years in a three-year period. (4, MPCA)

3.2 Minnesota Pollution Control Agency Aquatic Life Water Quality Criteria for Atrazine

Minnesota Pollution Control Agency – 4-day Average (Chronic)
The MPCA has promulgated toxicity based aquatic life chronic standards for compounds in surface water. The standards are the highest water concentration of a chemical to which organisms can be exposed without causing chronic toxicity. These standards were promulgated under Minnesota Regulations Chapter 7050. The chronic standard is based on a 4-day exposure.

The aquatic life chronic 4-day exposure concentration standard for atrazine is 10 ppb for Class 2A, 2Bd, 2B, 2C and 2D surface waters in Minnesota. A violation is defined as an exceedance of the standard two years in a three-year period. (4, MPCA)

Minnesota Pollution Control Agency – Daily (Acute)
A final acute value (FAV) is an estimate of the concentration of a pollutant that would be lethal to about half of the exposed members of a very sensitive aquatic species. One-half the value of the FAV is the Maximum Standard (MS), which is the highest concentration of a chemical in water to which aquatic organisms can be exposed for a brief time with zero to slight mortality.

The FAV for atrazine is 645 ppb and the enforceable Maximum Standard is ½ the FAV or 323 ppb, over a 1-hour time period. (1, MDH; 4, MPCA)

Table 1 Atrazine Drinking Water Human Health Standards and Aquatic Life Water Quality Criteria Applicable to Waters of Minnesota, 2007

Agency	Standard	Time Frame	Concentration
Minnesota Department of Health	Human Health - Rural Well Health Risk Limit (Groundwater)	Daily	3 ppb
US Environmental Protection Agency	Human Health Public Drinking Water Maximum Contaminant Level (Finished Water)	4-Quarter Running Average	3 ppb
Minnesota Pollution Control Agency	Human Health - Class 2A, 2Bb Waters (Ambient Water)	30-day Average (Twice in 3 years)	3.4 ppb
Minnesota Pollution Control Agency	Aquatic Life (Chronic) (Ambient Surface Water)	4-day Average (Twice in 3 years)	10 ppb
Minnesota Pollution Control Agency	Aquatic Life (Acute) (Ambient Surface Water)	1-hour	323 ppb

3.3 Minnesota Department of Agriculture Pesticide Management Plan, Common Detections and Pesticides of Concern

The Minnesota Department of Agriculture has implemented a pesticide management plan (PMP) that is conservative and proactive in that it requires continued monitoring and implementation of best management practices when a pesticide is detected but has not exceeded human health standards or aquatic life criteria. Furthermore, under the PMP prevention goal, "prevention will be accomplished while promoting practices that consider economic factors, availability, technical feasibility, implementability, effectiveness, and environmental effects, and in consideration of the beneficial uses of pesticides and applicable water quality standards." (MDA, PMP, November 2007)

In groundwater, pesticides detected as a result of non-point source occurrence are evaluated for common detection status. By current Minnesota law, a health risk limit must be established by the Minnesota Department of Health for a substance before it can obtain common detection status by MDA. All Minnesota groundwater sources are protected as sources of drinking water. If a pesticide is determined to have common detection status, the MDA begins development of voluntary Best Management Practices (BMP) and continues to monitor for the pesticide.

Aquatic life criteria or human health standards need not be exceeded for regulation of a pesticide under the MDA groundwater common detection approach. Pesticides that achieve common detection status are believed to be present due to normal product use or practices. Common detection status triggers the development of voluntary BMPs and continued monitoring for that substance. Atrazine common detection status in groundwater was issued by the MDA on February 12, 2002.

In surface waters, MDA follows the water quality standards process identified in the federal Clean Water Act. This process states that if a pesticide, or other regulated substance, exceeds

numerical standards or criteria, the water body would be subject to formal state listing as "impaired" and subject to the development of a Total Maximum Daily Load study and implementation plan under section 303(d). To be proactive in responding to pesticide occurrence that may lead to impairment, the MDA may implement preventative actions when pesticide concentrations occur in surface water at levels exceeding 10 to 50% of its reference value. At these levels the MDA may identify the pesticide as a surface water pesticide of concern. Once so identified, the MDA implements specific preventative actions including voluntary best management practices and continued monitoring. The MDA identified atrazine as a surface water pesticide of concern in 2002. To date, no surface water body in the state of Minnesota has been identified as impaired under the Clean Water Act due to the presence of atrazine.

4.0 ATRAZINE OCCURRENCE IN AMBIENT MINNESOTA GROUNDWATERS

Monitoring for atrazine in Minnesota ambient (untreated) ground and surface water has occurred since the mid to late 1980s. Over these years many changes have occurred in agricultural practices that relate to surface runoff or groundwater infiltration. This analysis of atrazine occurrence is limited to atrazine monitoring data collected during a seven-year period from 2000 through 2006.

4.1 Monitoring Atrazine Occurrence in Ambient Minnesota Groundwater

Three public agency (Minnesota Department of Agriculture, United States Geologic Survey and Dakota County) groundwater monitoring programs investigated the occurrence of atrazine in groundwater. The MDA monitored groundwater in five "Regions", southeast Minnesota springs, and public wells. The USGS monitored groundwater through its NAWQA program and Dakota County monitored rural wells. The findings of each study are analyzed and the atrazine concentrations compared to the applicable drinking water human health standards.

4.2 MDA Regional Groundwater Monitoring Network

A state-wide network of groundwater monitoring wells was established by the MDA in 2004. The network was divided into 10 pesticide monitoring regions (PMR) (Figure 1). Regions 1, 4, 6, 7, 8 and 10 (urban wells) were monitored from 2004 – 2006. However, region 4, synonymous with "Central Sands", was monitored prior to 2004. PMR 4 is the most intensively monitored of these regions and consists of a network of wells finished in glacial outwash aquifers (coarse sands) at 149 sites in ten west central Minnesota counties (Becker, Benton, Hubbard, Kandiyohi, Morrison, Otter Tail, Pope, Stearns, Todd and Wadena). Monitoring in Regions 1, 6, 7, 8 and 10 (urban wells) began in September of 2004 . Groundwater monitoring sites consisted of a nesting of wells (2 or 3) finished at different depths and sampled quarterly. The well with a water depth nearest the soil surface (shallowest) was sampled. These wells were not used as sources of public or private drinking

water but are considered representative of private drinking water wells finished in glacial outwash sand aquifers. Groundwater monitoring in PMR 10 is in cooperation with the Minnesota Pollution Control Agency and consists of wells located in urban areas of Minnesota including the Twin City Metro, Rochester, St. Cloud and other urban areas. Fifty five wells were monitored between 2004 and 2006.

Data from this program were received from the MDA via Freedom of Information requests on April 14, 2005 and September 10, 2007. Monitoring data are presented in Appendix 1. A listing of pesticide analytes is presented in Appendix 10.

The Method Reporting Limit (MRL) for atrazine in this study was 0.05 ppb. MDA protocol specifies that non-detection samples (those samples below limits of detection or LOD) are assigned a concentration of 0. Samples with a non-quantifiable detection below MRL, but above LOD were assigned a concentration value of 0.025 ppb or noted as P and considered an atrazine detection. For this current analysis, any sample with a residue below the validated MRL is treated as a non detection.

The MDA groundwater monitoring program does not include private drinking water wells, but is meant to reflect private wells finished in the same glacial outwash sand aquifer region. Private well water quality is regulated by the MDH based upon drinking water HRLs. The atrazine HRL is a daily concentration not to exceed 3 ppb.

During the seven-year (2000-2006) interval, a total of 1,146 groundwater samples from 246 wells were collected and analyzed for a number of chemicals, including atrazine (Tables 2 and 3). Atrazine was detected at concentrations equal to or above the MRL of 0.05 ppb, in 257 of 1146 samples or 22% detection frequency. Otter Tail (38 wells and 283 samples) and Stearns (28 wells and 192 samples) counties were most frequently sampled (Table 3).

Atrazine concentrations from the six PMRs ranged from non-detection to 0.51 ppb (Table 2). The maximum atrazine ground water concentration of 0.51 ppb was from a well located in Kandiyohi County in 2001 (Table 3). This and all other atrazine concentrations were more than 6 times lower than the 3 ppb atrazine drinking water HRL (Tables 1 and 2). The 95th percentile annual atrazine concentrations for PMR 4 during 2000 to 2006 ranged from 0.05 to 0.22 ppb with a clear yearly downward trend over the seven years (Table 4). For samples with atrazine detections, the concentration distribution for wells in all regions and years was below the MDH drinking water HRL for atrazine in groundwater (Figure 2).

FIGURE 1 Pesticide Monitoring Regions, Minnesota Department of Agriculture

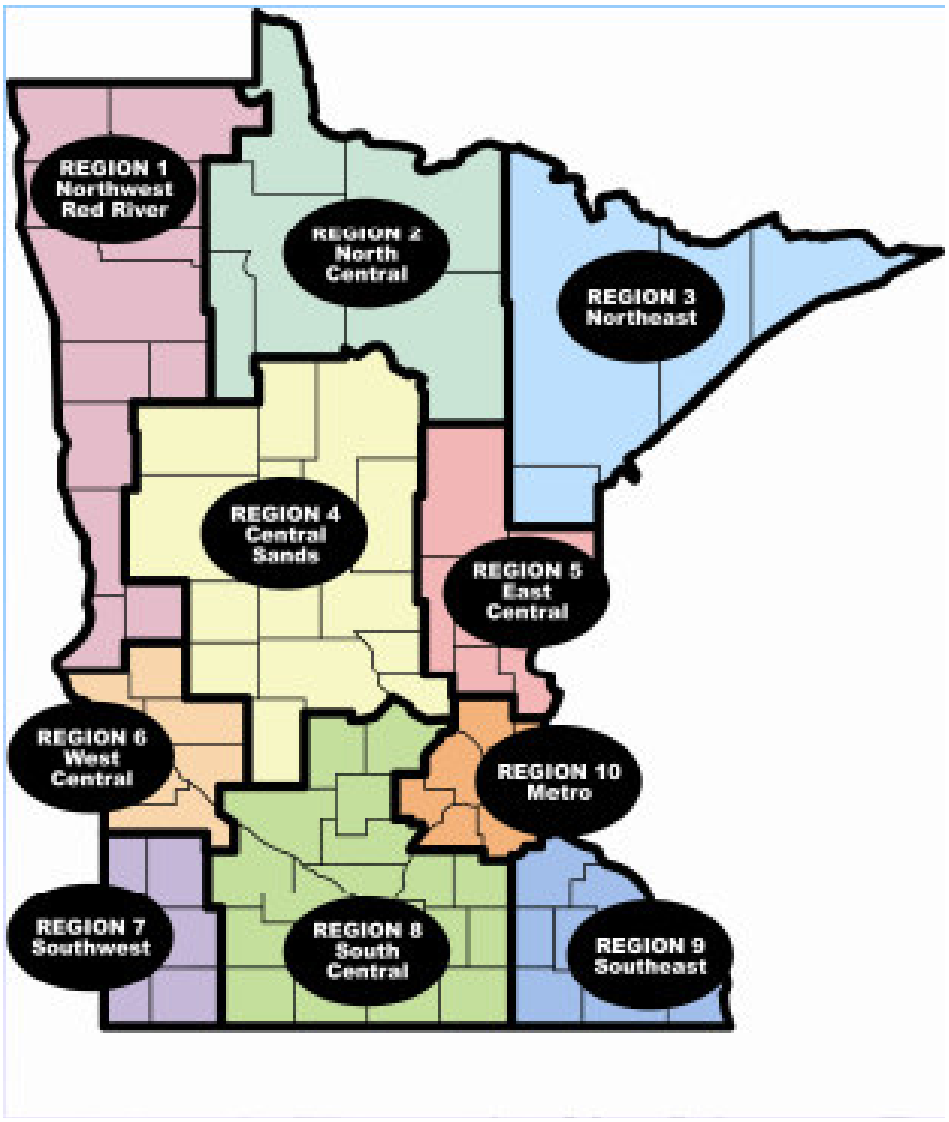


Table 2 **Atrazine Samples, Detections and Maximum Detected Concentrations from Six of the Groundwater Monitoring Network Regions of the Minnesota Department of Agriculture, 2000-2006**

Region[a]	Year	Number of Samples	Number of Detections[b]	Percent Detections	Maximun Detected Conc. (ppb)[c]
1	2004	9	0	0	-
1	2005	18	0	0	-
1	2006	9	0	0	-
4	2000	170	61	36	0.38
4	2001	188	67	36	0.51
4	2002	187	45	24	0.35
4	2003	133	34	26	0.25
4	2004	108	24	22	0.26
4	2005	113	13	12	0.32
4	2006	112	12	11	0.20
6	2004	3	0	0	-
6	2005	6	0	0	-
6	2006	9	0	0	-
7	2004	3	0	0	-
7	2005	3	0	0	-
7	2006	7	0	0	-
8	2004	3	0	0	-
8	2005	1	0	0	-
8	2006	9	0	0	-
10 (Urban)	2004	11	0	0	-
10 (Urban)	2005	22	1	5	0.08
10 (Urban)	2006	22	0	0	-
	Totals	1146	257	170	0.51

[a] Wells in PMR 2,3 and 5 were not monitored, Region 9 is discussed in Springs section.

[b] Sample concentrations equal to or greater than Method Reporting Limit (MRL) of 0.05 ppb

[c] (-) = nondetection

Table 3 **Number of Wells Sampled, Number of Samples, Detections and Maximum Detected Atrazine Concentrations by County from Six of the Groundwater Monitoring Network Regions of the Minnesota Department of Agriculture, 2000-2006**

Region[a]	County	Number of Wells Sampled	Number of Samples	Detections ≥ MRL[b]	Maximum Detected Concentration (ppb)[c]	MRL (ppb)
1	Pennington County	5	17	0	-	0.05
1	Polk County	4	8	0	-	0.05
1	Wilkin County	3	7	0	-	0.05
4	Becker County	8	63	14	0.32	0.05
4	Benton County	6	30	7	0.23	0.05
4	Hubbard County	13	70	11	0.12	0.05
4	Kandiyohi County	14	82	26	0.51	0.05
4	Morrison County	6	36	6	0.16	0.05
4	Otter Tail County	38	283	59	0.38	0.05
4	Pope County	21	133	41	0.31	0.05
4	Stearns County	28	192	58	0.34	0.05
4	Todd County	2	13	3	0.05	0.05
4	Wadena County	13	109	31	0.18	0.05
6	Big Stone County	1	1	0	-	0.05
6	Chippewa County	1	1	0	-	0.05
6	Stevens County	2	4	0	-	0.05
6	Swift County	6	12	0	-	0.05
7	Lyon County	1	1	0	-	0.05
7	Murray County	2	4	0	-	0.05
7	Pipestone County	3	3	0	-	0.05
7	Rock County	2	5	0	-	0.05
8	Brown County	1	1	0	-	0.05
8	Cottonwood County	4	6	0	-	0.05
8	Jackson County	1	1	0	-	0.05
8	Martin County	1	4	0	-	0.05
8	McLeod County	1	1	0	-	0.05
8	Meeker County	1	1	0	-	0.05
8	Redwood County	2	2	0	-	0.05
8	Watonwan County	1	1	0	-	0.05
10 (Urban)	Urban	55	55	1	0.08	0.05
	Total	246	1146	257	0.51	0.05

[a] Wells in PMR 2,3 and 5 were not monitored, Region 9 is discussed in Springs section.

[b] Sample concentrations equal to or greater than Method Reporting Limit (MRL) of 0.05 ppb

[c] (-) = nondetection

Table 4 **Atrazine Percentile Concentrations for Six of the Groundwater Monitoring Network Regions of the Minnesota Department of Agriculture, 2000-2006**

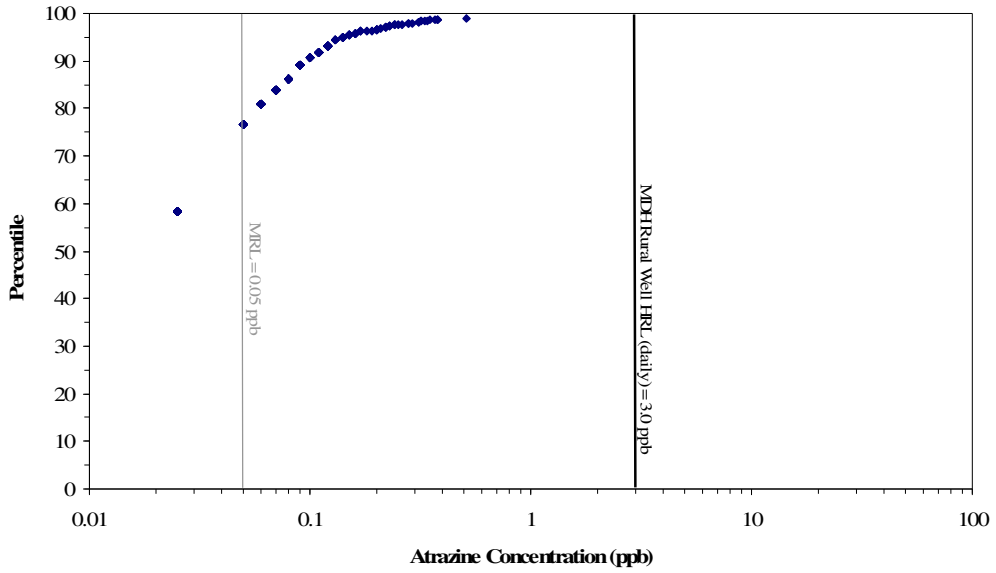
	Percentile			Maximum
	50th	75th	95th	(ppb)
Region 4				
2000	nd	0.08	0.22	0.38
2001	nd	0.07	0.12	0.51
2002	nd	ND	0.12	0.35
2003	nd	0.05	0.10	0.25
2004	ND	ND	0.10	0.26
2005	ND	ND	0.08	0.32
2006	ND	ND	0.05	0.2
Region 4 Total	nd	0.05	0.13	0.51
Regions 1,6,7,8				
2004	nd	nd	nd	-
2005	nd	nd	nd	-
2006	nd	nd	ND	-
Urban				
2004	-[1]	-[1]	-[1]	-
2005	nd	nd	ND	0.08
2006	nd	nd	ND	-
All Regions Total	nd	ND	0.12	0.51

nd = nondetection

ND = "P" values, below method reporting limit of 0.05 ppb

[1] Too few samples to calculate percentiles

Figure 2 **Percentile Distribution of Atrazine Concentrations in MDA Groundwater Regional Monitoring Network Wells Compared to the MDH Drinking Water HRL, 2000-2006**



4.3 MDA Southeast Minnesota Springs Monitoring

The geology of southeastern Minnesota is dominated by the presence of limestone bedrock (karst). Karst topography is noted for being very porous and fractured. Topsoil is typically shallow, and in many places the limestone is outcropped, particularly in eroded river valley settings. Water percolates through the limestone at a rapid rate and, as such, springs are very common in southeastern Minnesota river valleys. Because of the porosity of the limestone bedrock, and often shallow topsoil layer, groundwater is this region can be vulnerable to soil applied compounds, such as agricultural chemicals.

The MDA determined that the best way to monitor groundwater quality in southeast Minnesota would be to sample spring water. In 1993 MDA began collecting groundwater samples at two springs in Winona County (Crystal Springs 1 and 2). These two springs were monitored until 2005. In 2003, four additional springs were added to the monitoring program with two at Lanesboro and two at Peterson. Monitoring continued at these four Fillmore County springs plus the two original springs in Winona County through 2005. In 2006, monitoring began at eleven new southeast Minnesota springs.

Data for the southeast spring monitoring program were received from the MDA via a Freedom of Information request on April 14, 2005 and September 10, 2007. Overall, there are 17 springs with one or more years of monitoring data for atrazine (Table 5). Individual results are presented in Appendix 2.

The spring monitoring program is meant to be representative of private wells finished in karst bedrock aquifers. The atrazine results from the 17 spring network were compared to the drinking water Health Risk Limits developed by the MDH for private wells. The MDH atrazine drinking water HRL is a daily concentration not to exceed 3 ppb.

The two Crystal springs were sampled monthly from 1993 to 2005 (Table 5). The two Lanesboro and two Peterson springs were sampled monthly from 2003 to 2005 (Table 5). The eleven additional springs monitored in 2006 were sampled 2-4 times in 2006 (Table 5).

During the 2000 – 2006 monitoring time frame, a total of 303 samples were collected for seventeen springs. Atrazine concentrations equal to or greater than the method reporting limit were reported for 203 samples (67 % detection frequency) (Table 6). The maximum individual atrazine concentration was 0.26 ppb which is less than one-tenth of the atrazine drinking water HRL of 3 ppb (Table 6). The 95th percentile annual atrazine concentrations (2000-2006) ranged from 0.09 to 0.22 ppb (Table 7).

Springs may also be considered as surface water sources. As such, the maximum atrazine concentration of 0.26 ppb was compared to Minnesota atrazine aquatic life acute and chronic criteria of 1-day = 323 ppb and 4-day = 10 ppb. The maximum concentration of 0.26 ppb was 1200 times below the single day aquatic life criteria and 38 times below the 4-day average (chronic) criteria (Figure 3).

Table 5 **Atrazine Samples, Detections and Maximum Concentrations from the Southeast Minnesota Springs Network of the Minnesota Department of Agriculture, 1993-2006**

Site	Years Sampled	Number of Samples	Number of Detections	Percent Detections ≥ MRL[a]	Maximum Detected Conc. (ppb)	Mean of Detections Concentration (ppb) ≥ MRL[a]
Crystal Springs No 1	1993-2005	142	82	58	0.25	0.06
Crystal Springs No 2	1993-2005	142	129	91	0.95	0.18
Lanesboro No 1	2003-2005	31	27	87	0.14	0.07
Lanesboro No 2	2003-2005	31	27	87	0.10	0.08
Peterson Springs No 1	2003-2005	33	8	24	0.10	0.06
Peterson Springs No 2	2003-2005	33	21	64	0.07	0.06
Big BCVSP	2006	2	2	100	0.08	0.08
Burr Oak	2006	4	2	50	0.08	0.07
Cold N	2006	4	4	100	0.12	0.10
Cold S	2006	4	4	100	0.11	0.09
Frego	2006	4	-	0	-	-
FTN E	2006	4	2	50	0.19	0.12
FTN W	2006	4	1	25	0.26	0.26
Hazel's	2006	3	-	0		-
Knutsons's	2006	3	1	33	0.06	0.06
Krage	2006	4	-	0	-	-
Rainy	2006	4	3	75	0.09	0.07

[a] Method Reporting Limit = 0.05 ppb

Table 6 **Atrazine Samples, Detections and Maximum Concentrations by Year from the Southeast Minnesota Springs Network of the Minnesota Department of Agriculture, 2000-2006**

Year	Number of Samples	Number of Detections	Maximum Detected Concentration (ppb)
2000	22	16	0.23
2001	24	18	0.18
2002	22	18	0.20
2003	60	36	0.20
2004	72	58	0.14
2005	63	38	0.10
2006	40	19	0.26
2000-2006	303	203	0.26

* Method Reporting Limit = 0.05 ppb

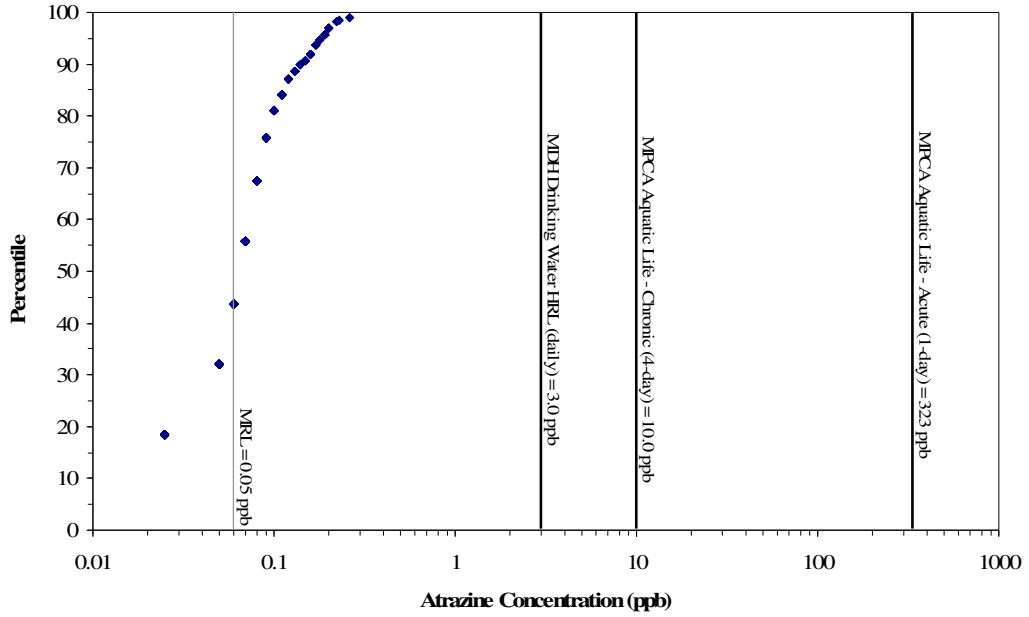
Table 7 **Atrazine Mean Percentile Concentrations in Groundwater from the MDA Southeast Minnesota Springs Monitoring Network, 2000-2006**

Year	Mean Concentration of Detections > MRL[b]	Percentiles 50th	75th	95th	Maximum
2000	0.14	0.08	0.18	0.22	0.23
2001	0.11	0.09	0.12	0.18	0.18
2002	0.10	0.07	0.13	0.19	0.20
2003	0.09	0.06	0.08	0.16	0.20
2004	0.07	0.06	0.08	0.1	0.14
2005	0.07	0.05	0.07	0.09	0.10
2006	0.09	nd[a]	0.08	0.12	0.26
Total	0.09	0.06	0.08	0.17	0.26

[a]Reported by MDA as 0.000001 ppb

[b]Method Reporting Limit = 0.05 ppb

Figure 3 **Percentile Distribution of Atrazine Concentrations in Southeast Minnesota Springs Compared to MDH Drinking Water HRL (daily) and MPCA 1-day and 4-day Aquatic Life Criteria from the MDA Southeast Minnesota Spring Network, 2000-2006**

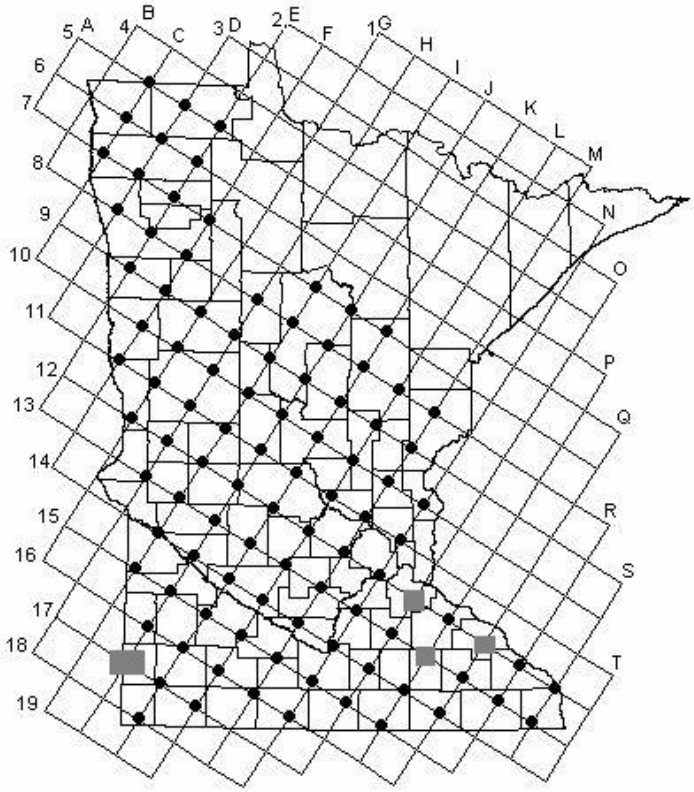


4.4 MDA, MDH and MCPA Random Survey of Drinking Water Wells

The MDA, in cooperation with the MDH and MPCA, surveyed public and private drinking water wells throughout the agricultural regions of Minnesota. A state-wide geographic grid was established to select locations for monitoring (Figure 4). At the confluence of each grid line a private or public well was identified and sampled once. Well types sampled included public Transient Non-Community, Non-Transient Non-Community and private drinking water. Data were received from the MDA via a Freedom of Information data request on April 14, 2005. Raw monitoring data and individual results are presented in Appendix 3. The results from the survey were compared to the atrazine drinking water HRL for private wells of 3 ppb.

A total of 71 wells were sampled between January and March, 2004. Four wells had detectable concentrations of atrazine while 67 wells had no detectable levels of atrazine (6% detection frequency). Atrazine concentrations in the four wells ranged from 0.06 to 1.52 ppb The locations of the wells with detections are identified by shaded rectangles in Figure 4.

Figure 4 Drinking Water Well Survey Grid Points, Wells Sampled (dots) and Wells with Detections (shaded rectangles) from the MDA 2004 Random Survey



4.5 United States Geologic Survey - National Water Quality Assessment Groundwater Monitoring

Since 1991, USGS scientists with the National Water Quality Assessment (NAWQA) program have been generating and analyzing pesticide monitoring data and information in more than 50 major river basins and aquifers across the nation. The goal of this program is to develop long-term consistent and comparable information on streams, ground water, and aquatic ecosystems. The USGS assesses ground water and streams in most of Minnesota through its studies in the Upper Mississippi River Basin and in the Red River of the North Basin (Figure 5). Monitoring in the Red River Basin began in 1993 and was terminated in 2001. Monitoring in the Upper Mississippi Basin began in 1994 and is reported through 2006. All wells sampled were located in the Upper Mississippi River Basin study unit.

USGS atrazine monitoring data were obtained through the USGS website. The analytical Limit of Quantification (LOQ) for atrazine during this period ranged from 0.001 to 0.007 ppb. USGS protocol specifies that non-detection samples are assigned a value of less than the LOQ (< LOQ) and samples with a non-quantifiable detection below LOQ are assigned an estimated concentration (E) less than the LOQ. Raw monitoring data are presented in Appendix 4.

The USGS groundwater monitoring network is reflective of ambient groundwater from rural wells. However, the network does not include either public or private drinking water wells. The analytical results from the 81 well network are compared to the Minnesota atrazine drinking water HRL for private rural wells of 3 ppb.

USGS collected a total of 120 groundwater samples from 81 wells between 2000 and 2006 in Minnesota. Atrazine was detected in 39 samples for a 32.5% detection frequency (Table 8). The maximum detected atrazine concentration during the course of this study was 0.224 ppb in 2002. Annual maximum detections ranged from 0.013 ppb to 0.224 ppb (Table 9). The 95th percentile concentration for the seven years of monitoring was 0.069 ppb (Table 10). The maximum reported atrazine concentration is less than one-tenth the Minnesota HRL for rural drinking water wells (Figure 6).

Figure 5 River Basin Study Units in Minnesota, USGS NAWQA Program

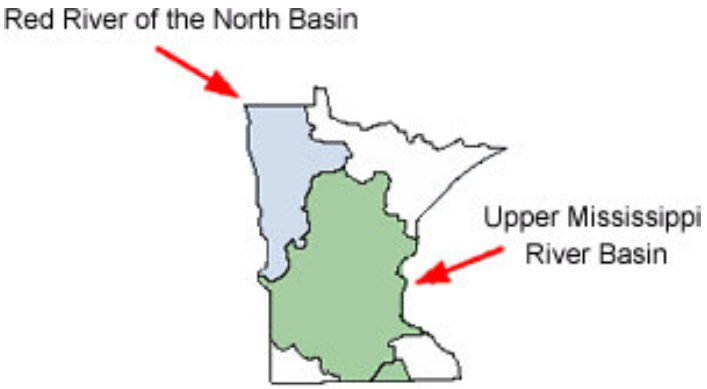


Table 8 **Atrazine Samples, Detections, Maximum Concentration and Limit of Quantification for the USGS - NAWQA Groundwater Monitoring Network in Minnesota, 2000-2006**

County	Year	Number of Wells	Number of Samples	Number of Detections	Detected Concentrations (ppb) Maximum (ppb)	Detected Concentrations (ppb) Mean (ppb)	LOQ (ppb)
Upper Mississippi River Basin							
ANOKA	2000	2	2	1	0.005	0.005	0.001
ANOKA	2001	1	1	0	-	-	0.007
ANOKA	2002	2	2	0	-	-	0.007
ANOKA	2005	2	2	0	-	-	--
ANOKA	2006	9	9	0	-	-	0.007
BELTRAMI	2000	1	1	0	-	-	0.001
BELTRAMI	2001	1	1	0	-	-	0.007
BELTRAMI	2002	1	1	0	-	-	0.007
BELTRAMI	2005	1	1	0	-	-	0.007
BELTRAMI	2006	1	1	0	-	-	0.007
CARVER	2004	1	1	0	-	-	0.007
CASS	2000	1	1	0	-	-	0.001
CASS	2001	1	1	0	-	-	0.007
CASS	2002	1	1	0	-	-	0.007
CASS	2005	1	1	0	-	-	0.007
CASS	2006	1	1	0	-	-	0.007
DAKOTA	2002	2	2	1	0.008	0.008	0.007
DAKOTA	2004	4	4	1	0.013	0.013	0.007
DAKOTA	2005	4	4	1	0.010	0.010	0.008
HENNEPIN	2000	3	3	1	0.046	0.046	0.001
HENNEPIN	2001	3	3	1	0.041	0.041	0.007
HENNEPIN	2002	2	2	1	0.054	0.054	0.007
HENNEPIN	2004	9	9	0	-	-	0.007
HENNEPIN	2005	3	3	1	0.044	0.044	0.007
HENNEPIN	2006	21	21	4	0.107	0.038	0.007
RAMSEY	2004	1	1	0	-	-	0.007
SHERBURNE	2002	5	5	3	0.224	0.094	0.007
SHERBURNE	2005	5	5	2	0.138	0.081	0.007
SHERBURNE	2006	29	29	22	0.218	0.041	0.007
WRIGHT	2004	1	1	0	-	-	0.007
WRIGHT	2006	1	1	0	-	-	0.007
2000-2006			**120**	**39**	**0.224**		

(-) = no detection

Table 9 **Atrazine Samples, Detections, Maximum and Limit of Quantification, by Year for the USGS - NAWQA Groundwater Monitoring Network in Minnesota, 2000-2006**

	Number of			Maximum Detected	LOQ (ppb)	
Year	Wells	Samples	Detections	Concentration (ppb)	Min	Max
2000	7	7	2	0.046	0.001	0.001
2001	6	6	1	0.041	0.007	0.007
2002	13	13	5	0.224	0.007	0.007
2003	0	0	0	-	-	-
2004	16	16	1	0.013	0.007	0.007
2005	16	16	4	0.138	0.007	0.008
2006	62	62	26	0.218	0.007	0.007
2000-2006	81[a]	120	39	0.224	0.001	0.008

[a] 81 total wells monitored (select wells monitored in multiple years)

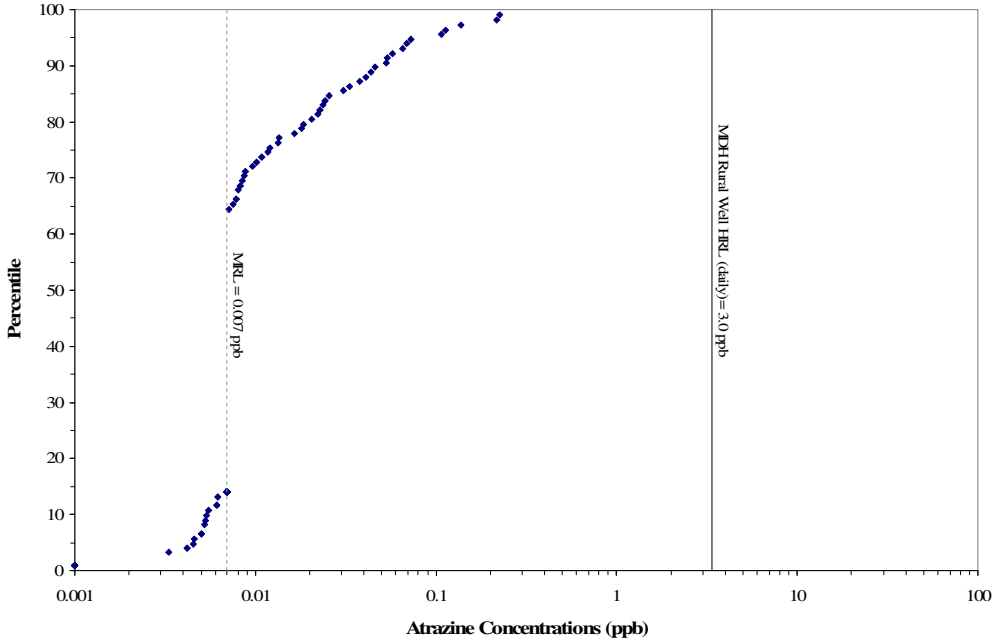
Table 10 **Atrazine Mean and Percentile Concentrations in Groundwater from the USGS - NAWQA Groundwater Monitoring Network in Minnesota, 2000-2006**

Year	Mean Conc. (ppb)	50th	75th	95th
2000	0.008	-[1]	-[1]	-[1]
2001	0.013	-[1]	-[1]	-[1]
2002	0.030	-[1]	-[1]	-[1]
2003	-	-[2]	-[2]	-[2]
2004	0.007	-[1]	-[1]	-[1]
2005	0.019	-[1]	-[1]	-[1]
2006	0.021	0.007	0.016	0.073
2000-2006	0.019	0.007	0.011	0.069

[1] Too few samples to calculate percentiles

[2] No samples in this calendar year

Figure 6 Percentile Distribution of Atrazine Concentrations in Groundwater from the USGS - NAWQA Well Monitoring Network (2000-2006) Compared to the Minnesota Atrazine Drinking Water HRL



4.6 Groundwater Monitoring, Dakota County

The Dakota County Environmental Management Department initiated an Ambient Groundwater Quality Study in 1999 (6, Dakota County). The purpose of the study was to annually monitor the quality of water in a network of privately owned drinking water wells throughout Dakota County. Atrazine was monitored in 138 drinking water wells between 2001 and 2006. Drinking water wells were constructed in three different geologic settings; the Prairie du Chien Dolomite (limestone) bedrock aquifer, Jordan Sandstone bedrock aquifer, and surficial glacial deposits (sands, gravels, till and loess). Dakota County is located in East-Central Minnesota and within MDA Pesticide Monitoring Region 10 (Figure 1).

Data from 2001-2006 were received in electronic format from the Dakota County Environmental Management Department. Individual monitoring results for 1999 and 2000 were not provided. The method reporting limit (MRL) for atrazine ranged from 0.05 to 0.025 ppb. These monitoring data are presented in Appendix 5.

The drinking water well monitoring network was established to be representative of ambient groundwater conditions in Dakota County. The atrazine results are compared to the Minnesota atrazine drinking water HRL of 3 ppb for rural wells.

Between 2001 and 2006, 301 groundwater samples (from 138 wells) were analyzed for atrazine and its metabolites. Atrazine was detected in 99 samples (33% detection frequency)

from the 138 wells (Table 11). The atrazine concentrations in these wells ranged from 0.22 ppb to 0.60 ppb (Table 11). The maximum detected concentration is 5 times below the Minnesota atrazine HRL for rural drinking water wells (Figure 7). The 95th percentile atrazine concentrations in this monitoring study have remained low, ranging from 0.15 to 0.27 ppb with no clear trend of either increasing or decreasing concentration (Table 12).

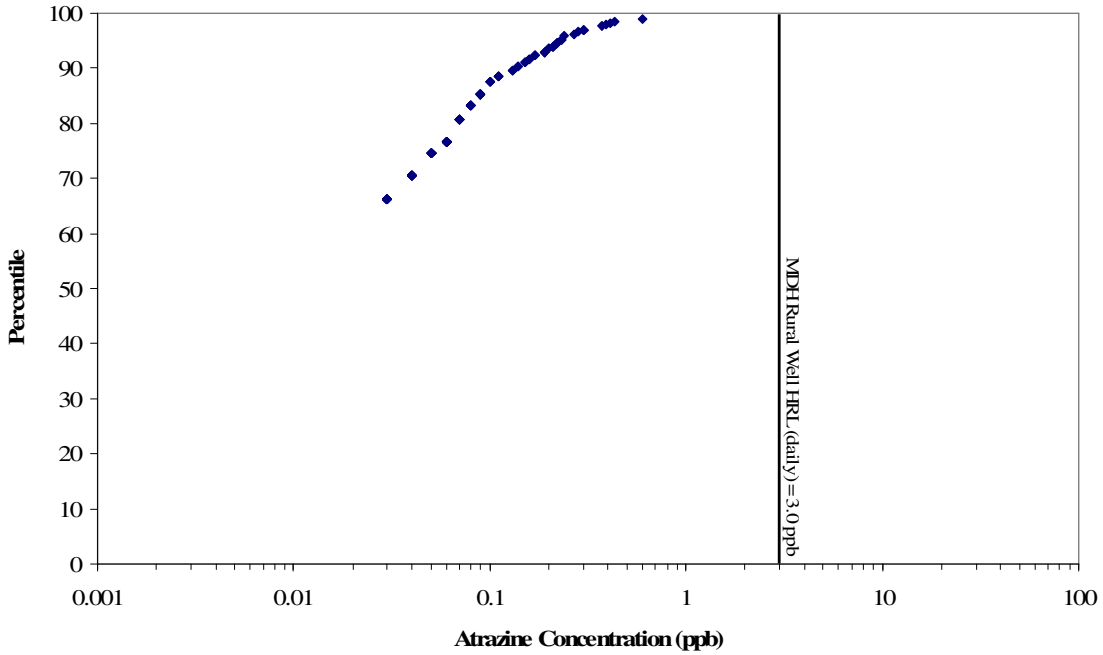
Table 11 Number of Wells, Atrazine Samples, Detections, Maximum Concentration and MRL for Atrazine from the Dakota County Ambient Groundwater Quality Study, 2001-2006

Year	Number of Wells	Number of Samples	Number of Detections	Percent Detections	Maximum Detected Concentration (ppb)	MRL (ppb)
2001	18	18	10	56	0.22	0.05
2002	42	42	11	26	0.43	0.05
2003	42	42	9	21	0.37	0.05
2004	25	25	10	40	0.41	0.025
2005	73	101	32	32	0.39	0.025
2006	73	73	27	37	0.60	0.025
2001-2006	138	301	99	33	0.60	

Table 12 Atrazine Annual Mean and Percentile Concentrations in Private Groundwater Wells in Dakota County From the Dakota County Ambient Groundwater Quality Study, 2001-2006

Medium	Year	Annual Mean of Detections (ppb)	Percentiles 50th	Percentiles 75th	Percentiles 95th
gwat	2001	0.13	0.06	0.10	0.21
gwat	2002	0.16	nd	0.06	0.23
gwat	2003	0.16	nd	nd	0.19
gwat	2004	0.11	nd	0.03	0.27
gwat	2005	0.10	nd	0.04	0.16
gwat	2006	0.09	nd	0.04	0.15
gwat	2001-2006	0.11	nd	0.04	0.21

Figure 7 Distribution of Atrazine Concentrations in Private Groundwater Wells (2001–2006) from the Dakota County Ambient Groundwater Quality Study Compared to the MDH Drinking Water HRL for Private Wells



5.0 PESTICIDE MONITORING PROGRAMS FOR AMBIENT SURFACE WATER IN MINNESOTA

One state and one federal agency have investigated atrazine occurrence in Minnesota surface waters. The Minnesota Department of Agriculture initiated surface water monitoring for pesticides in 2001, expanded sampling sites in 2004 and then reorganized and modified sampling protocols for the 2006 monitoring year. The United States Geological Survey monitored surface water in Minnesota as part of the National Water Quality Assessment Program. The atrazine results from these programs are compared to the applicable state drinking water standards and aquatic life criteria.

5.1 MDA Surface Water Monitoring Network

The MDA developed a surface water monitoring network in 2001 to provide detailed monitoring of pesticide occurrence within select watersheds in the state and track changes in concentrations over time (Table 13). This network was expanded in 2006 with modified sampling protocols based on a three tier approach (Table 14). Tier 1 sites (Figure 8) were sampled up to four times between May and July. Tier 2 sites (Tier 1 sites with results greater than 50% of drinking water HRL standards and aquatic life criteria) had additional storm event based samples (grab sampling with stream flow gauging) to quantify 4-day and 30-day

concentration averages. Tier 3 sites (Tier 2 sites with results greater than drinking water HRL standards and aquatic life criteria) were sampled on a storm-event basis, with a goal of 16 samples during the pesticide use season (Table 14).

For data presentation Tier 1 sites, Tier 2 sites, Tier 3 sites and "inactive" site data are grouped according to either grab samples or storm-event based composite samples. For example, if a 2006 Tier 3 site was monitored in prior year(s), all prior data were assessed under Tier 3. If a site was monitored in any year (2001-2005) but not in 2006, data were assessed under inactive. Some samples had analytical results reported by the MDA, but had no geographic or sample site identification tag. These were logged as "unknown". MDA staff did not know the location of the samples but verified they were surface water samples collected under this program (personal communication, Dec, 2007).

Composite and grab sample data were received from the MDA via the 2002 and 2003 water quality reports on the MDA website and Freedom of Information Request on April 19, 2005 and September 10, 2007. Individual results are presented in Appendix 6.

The Surface Water Monitoring Network consisted of surface waters that were not utilized as public or private water supply sources and were protected only for aquatic life by the MPCA under the Clean Water Act. The Whitewater River Middle Branch and Seven Mile Creek #3 are designated trout streams and, by state rule, are protected as a drinking water source. The rivers and streams represented in this network are subject to the atrazine aquatic life acute (daily) standard of 323 ppb and the 4-day average standard of 10 ppb. With their trout stream designations, the Whitewater River Middle Branch and Seven Mile Creek #3 are also subject to the state human health drinking water 30-day average standard of 3.4 ppb for atrazine.

Figure 8 Tier 1 Monitoring Sites, MDA 2006 Surface Water Monitoring Program

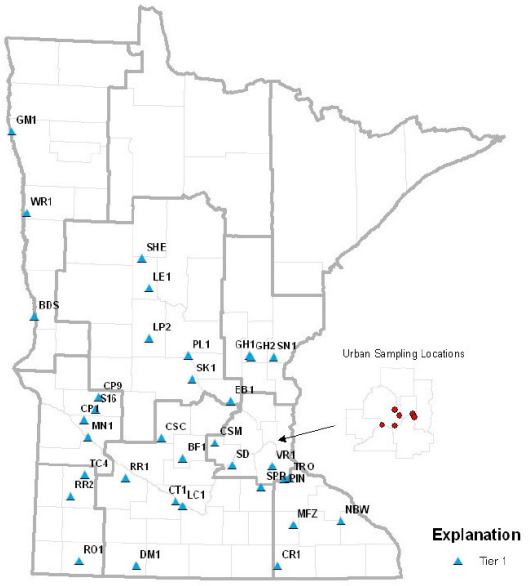


Table 13 Monitoring Stations and County Location for the MDA Surface Water Monitoring Network, 2001-2005

Monitoring Stations	County
Bent Creek*	Carver
Bevens Creek	Carver
Blue Earth River - Rapidan Dam	Blue Earth
Chaska Creek*	Carver
Le Sueur River - Hwy 66	Blue Earth
Middle Branch Whitewater River^	Olmstead
Minnesota River - Jusdon Bridge	Nicollet
Root River	Filmore
Sand Creek	Scott
Seven Mile Creek^	Nicollet

* Suburban fringe watershed ^ Protected as a drinking water source

Table 14 Surface Water Monitoring Stations and County Location for the MDA Surface Water Monitoring Network in 2006 along with Tier, Pesticide Monitoring Region and Sample Type Information

SiteID	Station	County	2006 Tier	PMR	Grab	Composite
BDS	Bois de Sioux River	Wilkin	1	1	Grab	
BF1	Buffalo Creek-Brownton	McLeod	1	8	Grab	
BU1	Buffalo River - Dilworth	Clay	1	1	Grab	
CR1	Cedar River-Austin	Mower	1	9	Grab	
CVC	Cedar Valley Creek	Winona	1	9	Grab	
CP1	Chippewa River-Milan	Chippewa	1	7	Grab	
CP9	Chippewa-East Branch	Swift	1	6	Grab	
CT1	Cottonwood River-New Ulm	Brown	1	8	Grab	
CSC	Crow River-South Fork-Cosmos	Meeker	1	8	Grab	
CSM	Crow River-South Fork-Mayer	Carver	1	10	Grab	
DM1	Des Moines River-West Fork	Jackson	1	8	Grab	
EB1	Elk River-Big Lake	Sherburne	1	4	Grab	
GAB	Garvin Brook	Winona	1	9	Grab	
GM1	Grand Marais Creek	Polk	1	1	Grab	
LE1	Leaf River-Aldrich	Wadena	1	4	Grab	
LC1	Little Cottonwood River	Blue Earth	1	8	Grab	
LP2	Long Prairie River-Long Prairie	Todd	1	4	Grab	
MN1	Minnesota River-Montevideo	Lac Qui Parle	1	6	Grab	
PIN	Pine Creek	Goodhue	1	9	Grab	
PL1	Platte River-Rice	Benton	1	4	Grab	
RR1	Redwood River-Redwood Falls	Redwood	1	8	Grab	
RR2	Redwood River-Russell	Lyon	1	7	Grab	
RO1	Rock River	Rock	1	7	Grab	
SD	Sand Creek	Scott	1	10	Grab	Composite
SK1	Sauk River-St. Cloud	Stearns	1	4	Grab	
S16	Shakopee Creek	Swift	1	6	Grab	
SNA	Snake River	Marshall	1	1	Grab	
SPR	Spring Brook	Rice	1	8	Grab	
SR1	Straight River-Faribault	Rice	1	8	Grab	
TC4	Three Mile Creek-Green Valley	Lyon	1	7	Grab	
TRO	Trout Brook	Dakota	1	10	Grab	
VR1	Vermillion River-Farmington	Dakota	1	10	Grab	
NBW	Whitewater River-North Branch	Winona	1	9	Grab	
WR1	Wild Rice River	Norman	1	1	Grab	
MFZ	Zumbro River-Middle Fork	Dodge	1	9	Grab	
BV	Bevens Creek	Carver	2	10	Grab	Composite
RD1	Blue Earth River - Rapidan Dam	Blue Earth	2	8	Grab	Composite
WEL	Cannon River-Welch	Goodhue	2	9	Grab	
DC1	Dutch Creek	Martin	2	8	Grab	
LT1	Little Cobb River	Blue Earth	2	8	Grab	Composite
LR1	Little Rock Creek-Rice	Benton	2	4	Grab	
JB1	Minnesota River - Judson	Nicollet	2	8	Grab	Composite
PSC	Pipestone Creek	Pipestone	2	7	Grab	
SR	Root River-South Branch	Fillmore	2	9	Grab	
SFR	Root River-South Fork	Fillmore	2	9	Grab	
SI1	Silver Creek-CR41	Carver	2	10	Grab	
PLS	Sleepy Eye Creek - Leavenworth	Brown	2	8	Grab	
SBW	Whitewater River-South Branch	Winona	2	9	Grab	
BD1	Beauford Ditch	Blue Earth	3	8	Grab	Composite
LS1	LeSueur River - Hwy 66	Blue Earth	3	8	Grab	Composite
NR	Root River - North Branch	Fillmore	3	9	Grab	Composite
SM3	Seven Mile Creek #3	Nicollet	3	8	Grab	Composite
MBW	Whitewater River-Middle Branch	Olmstead	3	9	Grab	Composite
BS1	Basset Creek	Hennepin	1 Urban	10	Grab	
BA1	Battle Creek	Ramsey	1 Urban	10	Grab	
FC1	Fish Creek	Ramsey	1 Urban	10	Grab	
MH1	Minnehaha Creek	Hennepin	1 Urban	10	Grab	
NM1	Nine Mile Creek	Hennepin	1 Urban	10	Grab	
RI1	Riley Creek	Hennepin	1 Urban	10	Grab	
CHA	Chaska Creek		inactive	10	Grab	Composite
BC	Bent Creek		unknown	unknown	Grab	Composite
GH2	Groundhouse River@CR12 (old South Fork)		unknown	5	Grab	
GH1	Groundhouse River-South Fork near Ogilvie(I		unknown	5	Grab	
SHE	Shell River-Menahga		unknown	4	Grab	
SN1	Snake River-Pokegama		unknown	4	Grab	
SRC	Split Rock Creek		unknown	unknown	Grab	
JO1	Unknown Creek		unknown	unknown	Grab	

5.1.1 Surface Water Grab Sampling.

Under the MDA grab sampling scheme, water quality is determined by the collection of at least monthly samples during the months of May, June and July. During the six-year period (2001-2006) 1,094 grab samples were collected with 757 atrazine detections for a 69% detection frequency. Maximum atrazine concentrations ranged from 0.07 to 13.2 ppb (Table 15). The mean detected concentration was 0.46 ppb and the 95th percentile concentration was 1.44 ppb (Table 16).

Over the six-year monitoring period, the maximum detected atrazine concentration in surface water grab samples was 13.20 ppb (Figure 9). This concentration was 25 times below the daily (acute) aquatic life protection standard of 323 ppb (Table 15). Two individual daily samples (13.2 and 10.0 ppb) were equal to or greater than the 4-day chronic aquatic life criteria of 10 ppb (Figure 9). However, the 4-day averages for these sites did not exceed the chronic aquatic life criteria (Appendix 6).

The MPCA human health drinking water standard applies to waters designated as trout streams. The Middle Branch of the Whitewater River and Seven Mile Creek #3 are so designated. Because of the sampling frequency in the grab sampling program, comparisons to the 30-day average were not possible (i.e. one sample per month). In the following section, grab and composite sample data were combined, and running 30-day averages were calculated and compared to the drinking water quality standard.

Table 15 **Atrazine Grab Samples, Number of Detections and Maximum Concentrations from the MDA Surface Water Monitoring Network, 2001-2006**

2006 Tier	Year	Number of Samples	Number of Samples without Detections	Number of Detections	Percent Detections	Maximum Concentration (ppb)
1	2001	8	4	4	50	0.27
1	2002	7	4	3	43	0.23
1	2003	-	-	-	-	-
1	2004	29	2	27	93	1.85
1	2005	128	28	100	78	3.20
1	2006	139	57	82	59	1.73
1 Urban	2006	36	20	16	44	0.51
2	2001	44	23	21	48	0.85
2	2002	39	17	22	56	2.24
2	2003	30	14	16	53	0.55
2	2004	59	8	51	86	7.40
2	2005	53	8	45	85	13.20
2	2006	72	22	50	69	1.58
3	2001	54	9	45	83	7.10
3	2002	35	10	25	71	3.70
3	2003	50	14	36	72	7.15
3	2004	98	9	89	91	7.40
3	2005	90	24	66	73	10.00
3	2006	40	14	26	65	1.06
inactive	2001	18	16	2	11	0.28
inactive	2002	11	5	6	55	0.63
inactive	2004	4	0	4	100	0.85
unknown	2001	17	13	4	24	0.07
unknown	2002	9	4	5	56	0.15
unknown	2004	4	0	4	100	0.99
unknown	2005	20	12	8	40	5.70
Totals		**1,094**	**337**	**757**	**69**	

* Method Reporting Limit = 0.05 ppb

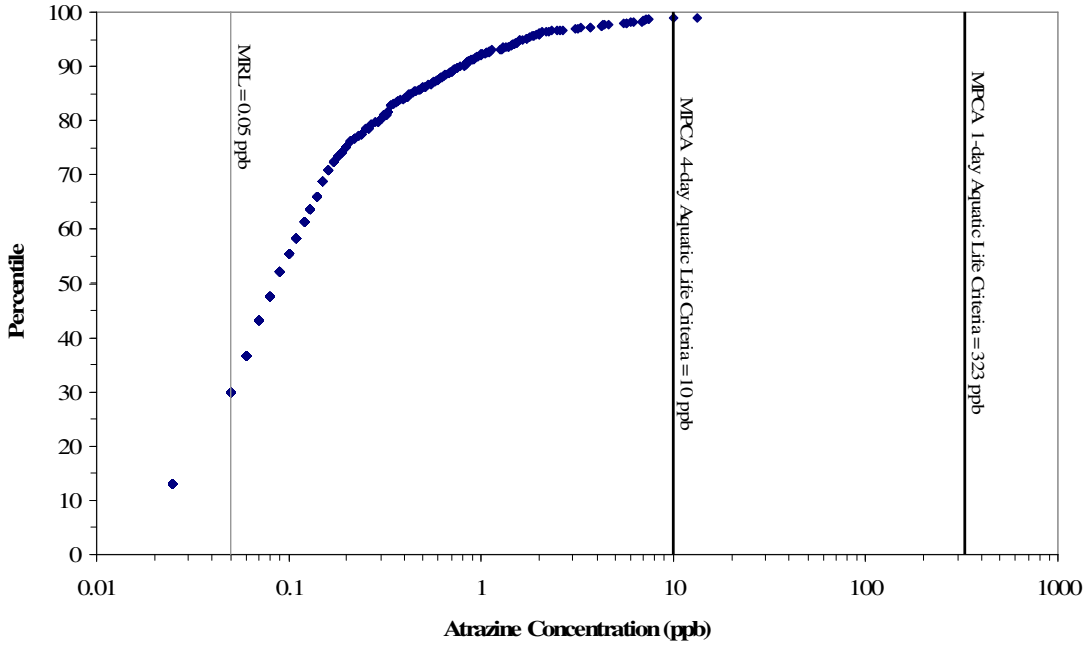
Table 16 Atrazine Mean and Percentile Concentrations in Surface Water Grab Samples from the MDA Surface Water Monitoring Network, 2001-2006

2006 Tier	Year	Mean Detected Concentration (ppb)	Percentiles 50th	75th	95th
1	2001	0.13	-[1]	-[1]	-[1]
1	2002	0.15	-[1]	-[1]	-[1]
1	2003	-[2]	-[2]	-[2]	-[2]
1	2004	0.20	0.11	0.16	0.49
1	2005	0.35	0.11	0.28	0.99
1	2006	0.21	0.05	0.10	0.56
1 Urban	2006	0.14	0.025	0.08	0.30
2	2001	0.24	0.025	0.09	0.68
2	2002	0.45	0.06	0.30	1.05
2	2003	0.16	0.05	0.11	0.42
2	2004	0.85	0.11	0.57	2.07
2	2005	0.71	0.09	0.30	1.53
2	2006	0.17	0.07	0.12	0.41
3	2001	0.49	0.14	0.19	1.48
3	2002	0.70	0.12	0.46	2.01
3	2003	0.89	0.12	0.19	4.25
3	2004	0.82	0.15	0.62	4.30
3	2005	0.37	0.07	0.15	0.90
3	2006	0.18	0.06	0.11	0.33
Total		**0.46**	**0.08**	**0.18**	**1.44**

[1] Too few samples to calculate percentiles

[2] No samples in this calendar year

Figure 9 Distribution of Atrazine Concentrations in Surface Water Grab Samples from the MDA Surface Water Monitoring Network (2001-2006) Compared to MPCA Aquatic Life Criteria for Atrazine



5.1.2 Surface Water Composite Sampling.

Composite (intensive storm-event based) sampling of surface water was conducted each year by the MDA during four month periods (May to August) for six years (2001 to 2006). Stream site watersheds were selected based on a past history of any pesticide detection at concentrations equal to or greater than ½ of any acute or chronic aquatic life criteria or human health standard. Over this six-year period, 453 storm-event based samples were collected. Atrazine detections, equal to or greater than the MRL, were found in 359 samples (79% detection frequency) with a maximum concentration of 33.2 ppb (Table 17). The highest annual 95th percentile atrazine concentration was 22.00 ppb (Table 18).

The maximum atrazine concentration (33.2 ppb) over the six-year period was approximately one-tenth of the 1-day acute aquatic life criteria of 323 ppb (Table 17 and Figure 10).

Seventeen individual composite samples had atrazine concentrations greater than the MPCA chronic aquatic life 4-day average standard of 10 ppb (Appendix 6). These samples were collected from two watersheds. Sixteen samples were from the Whitewater River and one sample from Chaska Creek (Appendix 6). All other monitored water bodies had atrazine sample concentrations equal to or less than 10 ppb and did not exceed the chronic 4-day aquatic life criteria.

Chaska Creek had a single composite sample with an atrazine concentration greater than 10 ppb in 2002 (Table 19). An atrazine concentration of 33.2 ppb was detected on June 20 and, averaged with the other 2 sample concentrations over a 4-day window around June 20, resulted in a 4-day mean of 18.9 ppb exceeding the chronic aquatic life criteria of 10 ppb. Atrazine concentrations did not exceed 10 ppb any other time during the monitoring period (2001-2006) (Appendix 6). By Minnesota rule a water body is considered to be "impaired" when the aquatic life criteria is exceeded twice in a three year period. Since atrazine concentrations in Chaska Creek exceeded the atrazine chronic aquatic life criteria just once in a three year period, it was not "impaired" under the Clean Water Act and MPCA regulations.

Over the 2001-2006 time period, 4-day average atrazine concentrations in the Whitewater River (Middle Branch) were greater than 10 ppb in one storm event in 2004 (Table 20). During a six-day interval from June 13 to June 18, 4-day running average atrazine concentrations were 14.50, 20.10 and 20.46 ppb (Table 20). These concentrations were higher than the 4-day aquatic life standard of 10 ppb. Sample concentrations in the remainder of the 2001-2006 were below 10 ppb (Appendix 6). By Minnesota rule, the aquatic life criteria are exceeded when concentrations over the criteria value occur twice in a three-year period. Atrazine concentrations in the Whitewater River exceeded the atrazine chronic aquatic life criteria concentration just once in the three year period.

Table 17 Number of Atrazine Samples, Detections and Maximum Concentrations from Composite Samples from the MDA Surface Water Monitoring Network, 2001-2006

2006 Tier	Year	Number of Samples	Number of Detections	Number of NonDetections	Maximum Concentration (ppb)
1	2001	9	5	4	0.70
1	2002	13	13	0	8.00
1	2003				
1	2004	3	3	0	0.40
1	2005	3	3	0	1.36
1	2006	1	1	0	0.45
2	2001	44	29	14	2.20
2	2002	30	24	5	9.10
2	2003	16	10	4	0.98
2	2004	27	27	0	1.88
2	2005	4	4	0	3.12
2	2006	1	1	0	0.54
3	2001	42	38	2	17.40
3	2002	29	25	2	29.40
3	2003	21	17	3	1.31
3	2004	94	94	0	32.00
3	2005	37	26	1	2.85
3	2006	21	13	3	1.03
inactive	2001	18	7	10	0.67
inactive	2002	11	10	1	33.20
unknown	2001	21	2	13	0.36
unknown	2002	8	7	1	0.20
Composite Total		**453**	**359**	**63**	

* Method Reporting Limit = 0.05 ppb

Table 18 Atrazine Seasonal Mean (May – August per year) and Percentile Concentrations in Surface Water Composite Samples from the MDA Surface Water Monitoring Network, 2001-2006

2006 Tier	Year	Seasonal Mean Concentration (ppb)	Percentiles 50th	75th	95th
1	2001	0.26	-[1]	-[1]	-[1]
1	2002	1.44	-[1]	-[1]	-[1]
1	2003	-[2]	-[2]	-[2]	-[2]
1	2004	0.31	-[1]	-[1]	-[1]
1	2005	0.82	-[1]	-[1]	-[1]
1	2006	0.45	-[1]	-[1]	-[1]
2	2001	0.40	0.07	0.14	1.33
2	2002	1.35	0.27	1.28	4.60
2	2003	0.26	-[1]	-[1]	-[1]
2	2004	0.97	0.78	1.39	1.88
2	2005	0.98	-[1]	-[1]	-[1]
2	2006	0.54	-[1]	-[1]	-[1]
3	2001	1.08	0.10	0.19	5.30
3	2002	5.45	1.73	7.00	15.10
3	2003	0.37	0.20	0.34	1.25
3	2004	3.32	0.55	2.10	22.00
3	2005	0.38	0.06	0.14	1.08
3	2006	0.30	0.05	0.29	0.72

[1] Too few samples to calculate percentiles

[2] No samples in this calendar year

Figure 10 **Distribution of Atrazine Concentrations in Surface Water Composite Samples from the MDA Surface Water Monitoring Network (2001-2006) Compared to MPCA Aquatic Life Criteria for Atrazine**

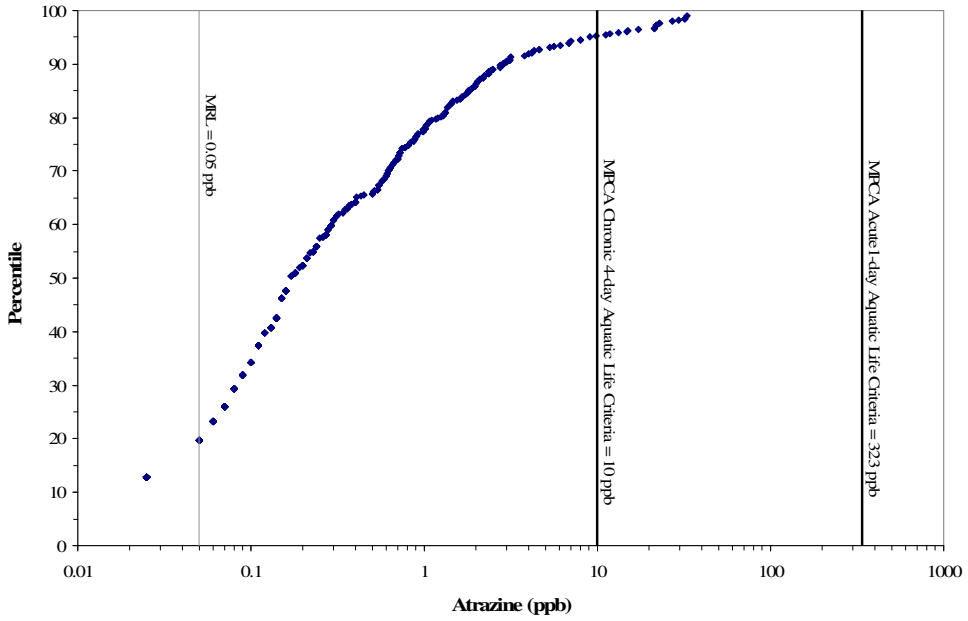


Table 19 **Atrazine Individual Sample Concentrations and 4-Day Running Averages in Chaska Creek from the MDA Surface Water Monitoring Network in 2002**

Station	Grab (G) or Composite	Sample Date	Compound	Concentration (ppb)	4-day Average (ppb)
Chaska Creek	G	1/8/2002	Atrazine	ND	
Chaska Creek	G	3/27/2002	Atrazine	ND	
Chaska Creek	G	4/11/2002	Atrazine	ND	
Chaska Creek	C	5/9/2002	Atrazine	0.12	
Chaska Creek	G	5/21/2002	Atrazine	P	
Chaska Creek	C	6/4/2002	Atrazine	0.18	
Chaska Creek	G	6/5/2002	Atrazine	0.13	0.15
Chaska Creek	C	6/19/2002	Atrazine	4.6	
Chaska Creek	C	6/20/2002	Atrazine	33.2	18.9
Chaska Creek	C	6/25/2002	Atrazine	4.2	
Chaska Creek	C	7/10/2002	Atrazine	0.99	
Chaska Creek	G	7/17/2002	Atrazine	0.63	
Chaska Creek	C	7/28/2002	Atrazine	0.24	
Chaska Creek	G	7/30/2002	Atrazine	0.37	0.3
Chaska Creek	C	8/3/2002	Atrazine	0.35	
Chaska Creek	G	8/15/2002	Atrazine	0.3	
Chaska Creek	C	8/16/2002	Atrazine	0.12	0.21
Chaska Creek	G	8/20/2002	Atrazine	0.29	0.21
Chaska Creek	C	8/21/2002	Atrazine	0.15	0.22
Chaska Creek	G	9/5/2002	Atrazine	0.1	
Chaska Creek	C	10/6/2002	Atrazine	ND	
Chaska Creek	G	11/21/2002	Atrazine	ND	

Table 20 Atrazine Individual Sample Concentrations and 4-day Running Averages in the Whitewater River from the MDA Surface Water Monitoring Network in 2004

Date	Daily Average	4-day Average
9-Jun	2.33	
10-Jun	0.6	
11-Jun	2.27	
12-Jun	1.977	1.79
13-Jun	0.63	1.37
14-Jun	0.88	1.44
15-Jun	32	8.87
16-Jun	24.5	14.50
17-Jun	23	20.10
18-Jun	2.34	20.46

The MPCA atrazine 30-day average human health standard of 3.4 ppb applies to waters designated as protected for drinking water use. The Root River, Seven Mile Creek #3 and the Middle Branch of the Whitewater River are designated trout streams and therefore protected as drinking water sources by the MPCA (Water Class 2A) under the Clean Water Act. The Root River, Seven Mile Creek #3 and the Whitewater River are presently not used as raw water sources for a Community Water System.

Thirty-day average atrazine concentrations were calculated by the MPCA using composite and grab sample results for the Whitewater River using the following methodology (adopted by the MPCA following the lead of the MDA):

> For any time interval covered by a composite sample, the average (time-weighted) concentration was assumed to be adequately represented by the average flow-weighted concentration produced by the sampler.
>
> For any of the short time intervals between consecutive composite samples, the average concentration was assumed to be equal to the average of the concentrations of the preceding and succeeding composite samples.
>
> For any time interval not covered by a composite sample, the average concentration was assumed to be equal to the concentration of the grab sample taken during the interval. (If more than one grab sample was taken, the interval was apportioned accordingly.)
>
> For each 30-day and 4-day period, the average concentration was calculated as the time-weighted average of the concentrations of all the composite, between-composite, and grab-sample time intervals in the period.

Using this methodology, MPCA determined the 30-day human-health standard of 3.4 ppb was exceeded (5.0 ppb) for the 30 day period beginning June 15, 2004 on the Middle Branch of the Whitewater River (Table 21). This was the only 30-day increment in seven years (2000-2006) where the atrazine 30-day average concentration exceeded 3.4 ppb. A human health criteria violation in Class 2A waters is defined as the criteria being exceeded twice in a three-year period. Atrazine concentrations in the Whitewater River did not exceed the atrazine 30-day human health criteria concentration more than once in a three year period.

Table 21 Atrazine Concentrations June-July 2004 – Middle Fork of the Whitewater River, Prepared by D. Christopherson, Minnesota Pollution Control Agency, April 25, 2005

Atrazine Concentrations June-July 2004 -- Middle Fork of the Whitewater River
AUID 07040003-514

composite or grab sample	composite start date and time	composite end or grab date and time	atrazine conc in µg/L	atrazine + degradates (deethyl/ deisopropyl) conc in µg/L	length of sample in hours	missing time in hours
C	6/15/04 16:48	6/16/04 18:29	32.00	32.64	25.7	
						0.1
C	6/16/04 18:33	6/16/04 19:26	27.00	28.01	0.9	
						0.1
C	6/16/04 19:32	6/17/04 1:59	22.00	22.73	6.5	
						0.6
C	6/17/04 2:36	6/18/04 10:46	23.00	23.78	32.2	
						2.5
C	6/18/04 13:15	6/20/04 17:18	2.34	2.54	52.0	
						2.8
C	6/20/04 20:08	6/22/04 9:03	6.80	7.02	36.9	
G		6/22/04 16:45	4.40	4.60	41.6	
G		6/25/04 12:30	4.30	4.51	83.6	
G		6/29/04 16:00	0.14	0.30	74.0	
G		7/1/04 16:30	0.19	0.35	129.0	
C	7/6/04 1:13	7/7/04 5:41	21.20	21.61	28.5	
G		7/9/04 12:30	0.12	0.26	102.6	
G		7/13/04 12:00	1.79	2.07	81.5	
G		7/16/04 7:30	6.00	6.22	117.8	
G		7/23/04 7:30	0.12	0.35		

	hours in 30-day period starting 6/15 16:48	atrazine conc in µg/L	atrazine + degradates conc in µg/L
	25.7	32.00	32.64
	0.1	*29.50*	*30.33*
	0.9	27.00	28.01
	0.1	*24.50*	*25.37*
	6.5	22.00	22.73
	0.6	*22.50*	*23.26*
	32.2	23.00	23.78
	2.5	*12.67*	*13.16*
	52.0	2.34	2.54
	2.8	*4.57*	*4.78*
	36.9	6.80	7.02
	41.6	4.40	4.60
	83.6	4.30	4.51
	74.0	0.14	0.30
	129.0	0.19	0.35
	28.5	21.20	21.61
	102.6	0.12	0.26
	81.5	1.79	2.07
	19.0	6.00	6.22
total days	30		
30-day average		**5.0**	**5.3**

	hours in 4-day period starting 6/15 16:48	atrazine conc in µg/L
	25.7	32.00
	0.1	*29.50*
	0.9	27.00
	0.1	*24.50*
	6.5	22.00
	0.6	*22.50*
	32.2	23.00
	2.5	*12.67*
	27.5	2.34
total days	4	
4-day average		**19.2**

Prepared by D. Christopherson, April 25, 2005

5.2 United States Geologic Survey – National Water Quality Assessment Surface Water Monitoring

Since 1991, the USGS NAWQA program has been collecting and analyzing pesticide data and information in more than 50 major river basins and aquifers across the nation. The USGS assesses streams in most of Minnesota through its studies in the Upper Mississippi River Basin and in the Red River of the North Basin (Figure 5). Monitoring in the Red River Basin began in 1993 and continued annually until terminated in 2001. Monitoring in the Upper Mississippi Basin began in 1994 and continued annually through 2006.

USGS surface water monitoring data were downloaded from the USGS internet website www.usgs.gov. The limit of quantification (LOQ) for atrazine was 0.007 ppb. USGS protocol specifies that non-detection samples be assigned a value of <LOQ and samples with a non-quantifiable detection less than the LOQ were assigned an estimated concentration (E). USGS surface water monitoring data are presented in Appendix 7.

The USGS surface water monitoring network was reflective of ambient surface water. The network does not contain public or private drinking water sources. The analytical results from the network were compared to the acute daily (323 ppb) and chronic 4-day average (10 ppb) atrazine aquatic life criteria.

The USGS collected 160 surface water samples in Minnesota between 2000 and 2006. Atrazine was detected in 144 samples (90% detection frequency) with a maximum atrazine concentration of 0.960 ppb (Table 22). For the five year period, the 95th percentile concentration was 0.468 ppb (Table 23). The maximum individual atrazine concentration was 336 times below the daily and 10 times below the 4-day average Minnesota aquatic life criteria (Table 22 and Figure 11).

Table 22 Surface Water Samples, Atrazine Detections and Maximum Concentration by Basin from the USGS - NAWQA Surface Water Monitoring Network, 2000-2006

Basin/County	Year	Number of Sites	Number of Samples	Number of Detections	Maximum Detected Concentration (ppb)	Mean Detected Concentration (ppb)
Red River of the North Basin						
UNSPECIFIED	2000	1	2	2	0.038	0.029
Upper Mississippi River Basin						
BLUE EARTH	2000	1	2	2	0.051	0.044
BLUE EARTH	2001	1	7	7	0.920	0.226
BLUE EARTH	2002	1	7	7	0.547	0.195
BLUE EARTH	2003	1	6	6	0.307	0.116
BLUE EARTH	2004	1	8	8	0.382	0.166
BLUE EARTH	2005	1	7	7	0.226	0.072
BLUE EARTH	2006	1	15	14	0.266	0.069
DAKOTA	2000	1	11	11	0.557	0.105
DAKOTA	2001	1	10	10	0.960	0.163
DAKOTA	2002	1	7	7	0.957	0.224
DAKOTA	2003	1	8	8	0.364	0.117
DAKOTA	2004	1	6	6	0.930	0.296
HENNEPIN	2000	1	1	0	-	-
HENNEPIN	2001	1	9	6	0.077	0.036
HENNEPIN	2002	1	8	7	0.830	0.210
HENNEPIN	2003	1	9	5	0.108	0.043
HENNEPIN	2004	1	8	6	0.468	0.136
HENNEPIN	2005	1	8	7	0.487	0.088
HENNEPIN	2006	1	21	18	0.247	0.048
Total 2000 - 2006		**4**	**160**	**144**	**0.960**	

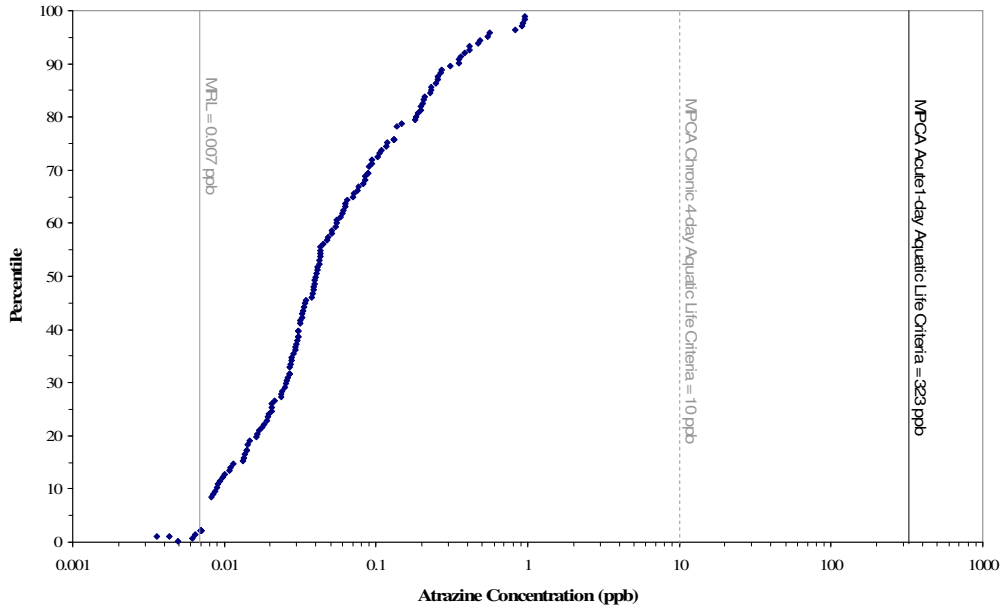
*LOQ= 0.007 ppb except for samples in Hennepin County in 2006 at 0.01 ppb.

Table 23 Atrazine Surface Water Mean and Percentile Concentrations from the USGS - NAWQA Surface Water Monitoring Network, 2000-2006

Year	Mean Concentration (ppb)	Percentiles 50th	Percentiles 75th	Percentiles 95th
2000	0.082	-[1]	-[1]	-[1]
2001	0.133	0.043	0.089	0.920
2002	0.201	0.076	0.232	0.830
2003	0.082	0.034	0.119	0.307
2004	0.179	0.105	0.197	0.468
2005	0.075	-[1]	-[1]	-[1]
2006	0.052	0.027	0.061	0.206
2000-2006	**0.112**	**0.040**	**0.108**	**0.468**

[1] Too few samples to calculate percentiles

Figure 11 Distribution of Atrazine Concentrations for all Minnesota Sites in the USGS NAWQA Surface Water Monitoring Network (2000-2006) Compared to the MPCA Aquatic Life Daily Standard



5.3 MDH Community Water System Safe Drinking Water Act Compliance Monitoring

CWS in Minnesota are required by the federal SDWA to monitor for synthetic organic contaminants (including atrazine) in finished drinking water. The frequency of monitoring is defined by rules of the MDH and EPA under 40 CFR 141. Groundwater source CWS in geologically sensitive areas were initially required to monitor quarterly, beginning in 1993. If detections occurred, quarterly sampling was continued. If four consecutive quarterly monitoring samples were non-detections, sampling was revised to a schedule of one quarter in three years (for systems serving less than 3,300 people) or two consecutive quarters in three years (for systems serving greater than 3,300 people). Groundwater source CWS in non-geologically sensitive areas may have had monitoring waived (5, MDH). Surface water source CWS were initially required to monitor quarterly and after four consecutive quarters of monitoring and no detections, sample frequency could be reduced to annually. If a compound was detected, sampling frequency was increased to quarterly. The initial round of four quarterly samples was conducted by each CWS in the early to mid-1990s. Finished water samples were collected for each well for CWS on groundwater and at the entry point of the distribution system for CWS on surface water.

As of December 2006 there were 965 CWS in Minnesota with 919 CWS on groundwater sources, 25 CWS on surface water sources and 21 CWS with a combination of ground and surface water (Table 24). Because of the sampling waiver criteria, only 495 CWS

(58%) were required to monitor between 2000 and 2006. All CWS drawing from surface water or combination surface and ground water were required to monitor at least annually (Table 24).

SDWA atrazine compliance monitoring data (1993-2006) and a CWS inventory were obtained from the MDH via a series of annual Freedom of Information data requests from 1994 through 2007. The analytical method detection limit for atrazine was predominantly 0.30 ppb with an occasional 0.10 ppb limit reported in 2006. SDWA monitoring data are presented in Appendix 8 (groundwater) and Appendix 9 (surface water).

The SDWA compliance monitoring database contains data from each CWS. The analytical results were compared to the federal atrazine MCL for public drinking water. The current federal MCL for atrazine is a running annual average, based on 4 quarterly means, of 3 ppb. Annual means were calculated using one or more samples for groundwater CWS and three or more samples for surface or combination CWS.

5.3.1 CWS on Groundwater

Using SDWA compliance monitoring data from 2000-2006, 53.9% of the Minnesota CWS on ground water sampled for atrazine (Table 24). Atrazine was detected in 24 of 1,957 samples (1.23%). Atrazine was detected at 8 of 495 CWS or 1.6% of the CWS (Tables 25 and 26). The maximum atrazine concentration for CWS on groundwater was 1.2 ppb at Goodhue CWS (MN1250005) in 2000 (Table 26). Maximum atrazine concentrations for CWS on groundwater have dropped from 1.2 ppb in 2000 to 0.40 ppb in 2006 (Table 25)

The Goodhue CWS (MN1250005) also reported the highest annual mean atrazine concentration during this 2000 to 2006 monitoring period (Table 26). The annual mean of 0.93 ppb was approximately one-third the atrazine MCL of 3 ppb (Table 1 and Figure 12). Since the adoption of the atrazine MCL in 1993 under the SDWA no Minnesota CWS on groundwater has reported individual or annual mean atrazine concentrations above the MCL (Appendix 8).

5.3.2 CWS on Surface Water and CWS on Surface and Ground Water Combination Sources

Twenty-five Minnesota CWS rely on surface water as their raw water source. An additional 21 CWS rely upon a combination of ground water and surface water (designated as combination) (Table 24).

During the seven-year period 2000-2006, 100% of the CWS on surface and combination water sources monitored for atrazine in finished water (Table 24). Atrazine was detected in 11 of 147 samples (7.5%). Atrazine was detected at 3 of these 46 CWS (6.5%) on raw water from a surface water or combination source (Table 24). The maximum concentration was 0.50 ppb (Table 26) at both Mankato (MN1070009) and Fairmont

(MN1460003) in 2000. The maximum atrazine annual mean concentration was 0.50 ppb at Fairmont in 2000. This annual mean was one-sixth the atrazine MCL of 3 ppb (Table 1). Annual mean concentrations were heavily skewed to non-detection concentrations (Figure 12). The calculation of atrazine annual mean concentrations for the CWS was skewed due to the assignment of a concentration equal to ½ of the LOQ for non-detections.

Since the inception of the SDWA compliance monitoring program in 1993, there have been no Minnesota CWS on surface water or combination water with individual or annual average atrazine concentrations above the MCL concentration of 3 ppb (Appendix 9).

Table 24 Atrazine Occurrence for Minnesota CWS on Groundwater, Surface Water and Combination of Both Sources Based on Compliance Monitoring from the MDH Safe Drinking Water Act, 2000-2006

Statistic	Ground	Surface	Combination
Data			
Number of Samples	1,957	47	100
Number of Detections	24	1	10
Percent of Detections	1.2	2.1	10.0
Number of Detections > 3 ppb	0	0	0
Concentrations (ppb)			
Minimum Detected Concentration	0.1	0.3	0.3
Maximum Detected Concentration	1.2	0.3	0.5
CWS			
Number of CWS	919	25	21
Number of CWS with Data	495	25	21
Percent CWS with Data	53.9	100	100
Number of CWS with No Detections	487	24	19
Number of CWS with Detections	8	1	2
Number of CWS with Detections > 3 ppb	0	0	0
Percent of CWS with No Detections	98.4	96	90
Percent of CWS with Detections	1.6	4	10
Percent of CWS with Detections > 3 ppb	0	0	0

Table 25 Atrazine Occurrence for Minnesota CWS on Groundwater, Surface and Combination Source Water by Year Based on Compliance Monitoring Data from MDH Safe Drinking Water Act, 2000-2006

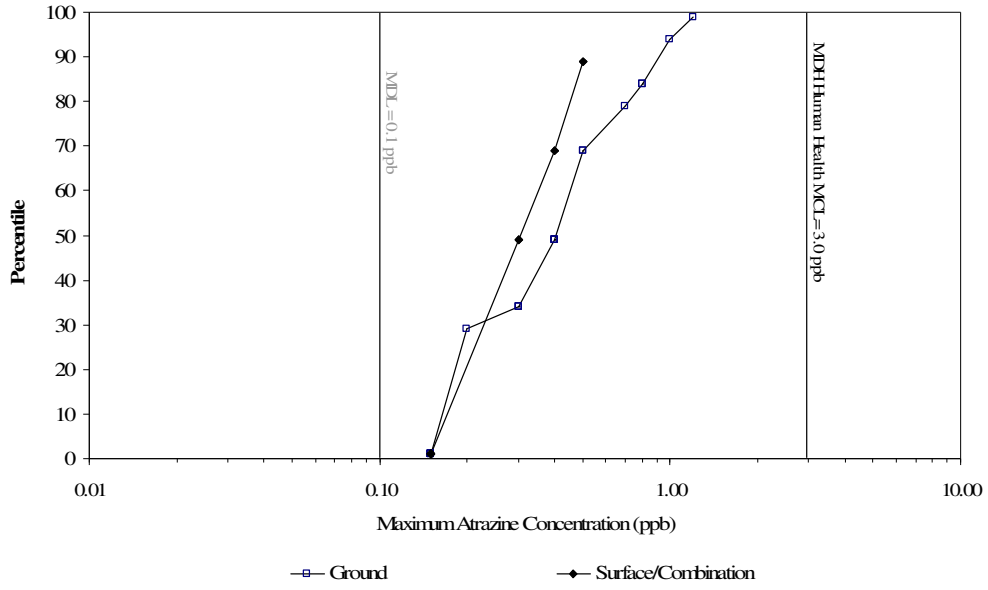
		CWS		Number of		Maximum Detected
Source	Year	Monitored	With Detections	Samples	Detections	Concentration (ppb)
Ground	2000	188	3	293	7	1.20
Ground	2001	124	2	229	2	0.80
Ground	2002	169	6	350	10	0.80
Ground	2003	166	0	293	0	-
Ground	2004	144	1	285	1	0.40
Ground	2005	127	3	248	3	0.50
Ground	2006	128	1	259	1	0.40
Surface	2000	5	0	10	0	-
Surface	2001	0	0	0	0	-
Surface	2002	11	0	14	0	-
Surface	2003	6	1	9	1	0.30
Surface	2004	2	0	4	0	-
Surface	2005	3	0	3	0	-
Surface	2006	5	0	7	0	-
Combination	2000	10	2	33	6	0.50
Combination	2001	7	1	13	1	0.40
Combination	2002	7	2	11	3	0.40
Combination	2003	4	0	14	0	-
Combination	2004	4	0	8	0	-
Combination	2005	4	0	13	0	-
Combination	2006	5	0	8	0	-

Table 26 Atrazine Annual Mean Concentrations for CWS on Groundwater, Surface Water or Combination Source Water with Detections from the MDH Safe Drinking Water Act Compliance Monitoring, 2000-2006

PWS_ID	CWS Name	Source Type	Year	Annual Mean* (ppb)	Max (ppb)	Samples	Samples with Detections
MN1850018	Altura	Ground	2005	0.08	0.10	2	1
MN1560001	Battle Lake	Ground	2002	0.30	0.30	1	1
MN1560004	Battle Lake MHP	Ground	2004	0.40	0.40	1	1
MN1730006	Cold Spring	Ground	2002	0.19	0.30	4	1
MN1250005	Goodhue	Ground	2000	0.93	1.20	4	4
MN1250005	Goodhue	Ground	2001	0.80	0.80	1	1
MN1250005	Goodhue	Ground	2002	0.80	0.80	1	1
MN1250005	Goodhue	Ground	2005	0.50	0.50	1	1
MN1250005	Goodhue	Ground	2006	0.40	0.40	1	1
MN1850006	Lewiston	Ground	2000	0.65	1.00	2	2
MN1850006	Lewiston	Ground	2001	0.43	0.70	2	1
MN1850006	Lewiston	Ground	2002	0.35	0.50	5	4
MN1790012	Plainview	Ground	2000	0.23	0.30	3	1
MN1790012	Plainview	Ground	2002	0.40	0.40	2	2
MN1050002	Rice	Ground	2002	0.40	0.40	1	1
MN1050002	Rice	Ground	2005	0.20	0.20	1	1
MN1270024	Minneapolis	Surface	2003		0.30	2	1
MN1070009	Mankato	Combination	2000	0.38	0.50	3	2
MN1070009	Mankato	Combination	2002		0.30	2	1
MN1460003	Fairmont	Combination	2000	0.50	0.50	4	4
MN1460003	Fairmont	Combination	2001		0.40	1	1
MN1460003	Fairmont	Combination	2002		0.40	2	2

* A value of 1/2 the Method Detection Limit is assigned to non-detections.
Method Detection Limit Range was 0.10 to 0.30 ppb.

Figure 12 Distribution of Atrazine Maximum Concentrations for CWS on Groundwater, Surface Water or Combination Sources from MDH SDWA Compliance Monitoring (2000-2006) Compared to the MCL



6.0 SUMMARY OF FINDINGS AND OBSERVATIONS

Atrazine was monitored extensively in Minnesota ground and surface water between 2000 and 2006. Concentrations of atrazine in Minnesota waters were below all relevant human health drinking water standards and aquatic life criteria concentrations (Table 27).

Table 27 Comparison of Ground and Surface Water Monitoring Programs in Minnesota (2000-2006) to Federal and State Atrazine Human Health and Aquatic Life Water Quality Standards and Criteria

		Human Health			Aquatic Life	
Monitoring Program	**Ground or Surface Water Monitoring**	**Rural Well HRL Daily**	**MCL Annual 3 ppb**	**2A, 2Bd Ambient 30-day Avg Twice in 3 yrs 3.4 ppb**	**Aquatic Life 4-day Avg Twice in 3 yrs 10 ppb**	**Aquatic Life 1-hour 323 ppb**
MDA Regional Groundwater Network	Ground	No	No	-	-	-
MDA Urban Groundwater	Ground	No	No	-	-	-
MDA Southeast MN Springs	Ground	No	No	No	No	No
MDA Random Drinking Water Well Survey	Ground	No	No	-	-	-
MDH SDWA	Ground	No	No	-	-	-
USGS NAWQA	Ground	No	No	-	-	-
Dakota County	Ground	No	No	-	-	-
Combined Groundwater Programs		**No**	**No**	**No**	**No**	**No**
MDA Surface Water Network - Grab + Composite	Surface	-	-	No	No	No
MDH SDWA	Surface	No	No	-	-	-
USGS NAWQA	Surface	-	-	No	No	No
Combined Surface Water Programs		**No**	**No**	**No**	**No**	**No**

(Yes = Standard Exceeded; No = Standard not Exceeded)

6.1 Groundwater Observations

Groundwater monitoring was conducted by MDA, USGS, MDH, and Dakota County and the data shows that in geologically sensitive areas (coarse sand outwash plains) atrazine was detected in up to 67% of samples (Table 28). On average, atrazine was detected in 16% of all groundwater samples collected in Minnesota over the seven year period (2000-2006) from the programs conducted by the four agencies.

The MDA monitored groundwater for atrazine in geologically sensitive areas (shallow coarse sand outwash plains) for seven years. These monitoring wells were representative of rural drinking water wells. Atrazine was detected in 23% of the samples with a

maximum concentration of 0.51 ppb (Table 28). This concentration is 6 times lower than the Minnesota Department of Health – rural well Health Risk Limit of 3 ppb.

Between 2004 and 2006, 55 urban wells were monitored for atrazine. Atrazine was detected in 2% of the samples with a maximum concentration of 0.08 ppb (Table 28). This concentration is 35 times lower than the Health Risk Limit of 3 ppb.

The MDA monitored for the occurrence of atrazine in Southeast Minnesota Springs between 2000 and 2006. Atrazine was detected in 67% of the samples with a maximum concentration of 0.26 ppb (Table 28). This concentration was 11 times lower than the Health Risk Limit of 3.0 ppb.

The MDA also monitored for the occurrence of atrazine in a Random Drinking Water Well Survey in 2004. In 71 wells monitored, only 4 wells had a detection of atrazine. The maximum detected concentration was 1.52 ppb. This concentration is 2 times lower than the Health Risk Limit for wells.

Over seven years of monitoring ambient groundwater in the Upper Mississippi Basin, USGS found atrazine in 33 percent of samples at concentrations of 0.22 ppb or less (Table 28). This maximum concentration was 13 times lower than the Minnesota atrazine Health Risk Limit of 3 ppb.

Six years of monitoring of ambient groundwater in private wells in Dakota County found atrazine detected in 33 percent of samples at concentrations of 0.60 ppb or less (Table 28). This maximum concentration was 5 times lower than the Minnesota atrazine Health Risk Limit of 3 ppb and the drinking water MCL of 3 ppb.

Table 28 Atrazine Occurrence and Maximum Concentrations in Ground and Surface Water Monitoring Programs in Minnesota, 2000-2006

Study/Program	Agency Data	Years Monitored	Samples	Detections ≥ MRL	Frequency of Detections	Max Conc. (ppb)	95th Percentile Conc (ppb)
MDA Regional Groundwater Network	MDA	2000-2006	1091	256	23	0.51	0.13
MDA Urban Groundwater Network	MDA	2004-2006	55	1	2	0.08	0.03
Southeast MN Springs	MDA	2000-2006	303	203	67	0.26	0.17
Random Drinking Water Well Survey	MDA	2004	71	4	6	1.52	-
NAWQA	USGS	2000-2006	120	39	33	0.22	0.07
Groundwater	Dakota Co	2001-2006	301	99	33	0.6	0.21
Combined Groundwater Programs		**2000-2006**	**1941**	**602**	**31**		
Surface Water Network - Grab	MDA	2001-2006	1094	757	69	13.2	1.44
Surface Water Network - Composite	MDA	2001-2006	453	359	79	33.2	6.80
NAWQA	USGS	2000-2006	160	144	90	0.96	0.47
Combined Surface Water Programs		**2000-2006**	**1707**	**1260**	**74**		
SDWA groundwater	MDH	2000-2006	1957	24	1	1.2	0.15
SDWA surface water	MDH	2000-2006	147	11	7	0.5	0.40

6.2 Trends in the Occurrence of Atrazine in Groundwater

With modifications in the MDA groundwater monitoring program over the 2000-2006 time-period, long term monitoring of groundwater at the same location were limited to PMR 4 (central sands) and PMR 9 (springs). These two regions are potentially the most geologically sensitive to the occurrence of atrazine. Wells in PMR 4 were monitored for atrazine each year between 2000 and 2006 and two springs (Crystal 1 and 2) in PMR 9 were monitored from 1993-2005.

In PMR 4, the percent of detections dropped from 36% in 2000 to 11% in 2006 (Table 29 and Figure 13). This is a significant downward trend with high confidence ($R^2 = 0.916$). In addition, a downward trend was observed for maximum atrazine concentrations ($R^2 = 0.575$), 95th percentile concentrations ($R^2 = 0.784$) and mean concentrations ($R^2 = 0.942$) (Table 29 and Figure 13).

Data from the Southeastern Minnesota springs monitoring network show a downward trend in the 95th percentile concentrations ($R^2 = 0.801$) and mean concentrations ($R^2 = 0.922$) over the six year monitoring period (Figure 14). Data did not show a downward (or upward) trend for percent detections ($R^2 = 0.419$) or maximum concentrations ($R^2 = 0.034$) (Figure 14).

Crystal Springs 1 and 2 were monitored for atrazine from 1993 to 2005. Atrazine concentrations in Crystal Springs 1 and 2 were consistently low (< 0.25 ppb and < 0.95 ppb) over the 13 year period (Table 5). These low concentrations were consistent over the entire 13 year record.

Table 29 Atrazine Occurrence and Concentration Trends in Groundwater in PMR #4 from the MDA Groundwater Monitoring Network, 2000-2006

PMR Region	Year	Number of Samples	Number of Detections*	Percent Detections*	Maximum Detected Concentration (ppb)
4	2000	170	61	36	0.38
4	2001	188	67	36	0.51
4	2002	187	45	24	0.35
4	2003	133	34	26	0.25
4	2004	108	24	22	0.26
4	2005	113	13	12	0.32
4	2006	112	12	11	0.20
	Totals	**1011**	**256**	**25**	**0.51**

* Sample concentrations equal to or greater than the Method Reporting Limit (MRL) of 0.05 ppb

Figure 13 **Trends in Percent Detections, Maximum Concentration, 95th Percentile and Mean Atrazine Concentrations in PMR 4, MDA Groundwater Monitoring Network, 2000-2006**

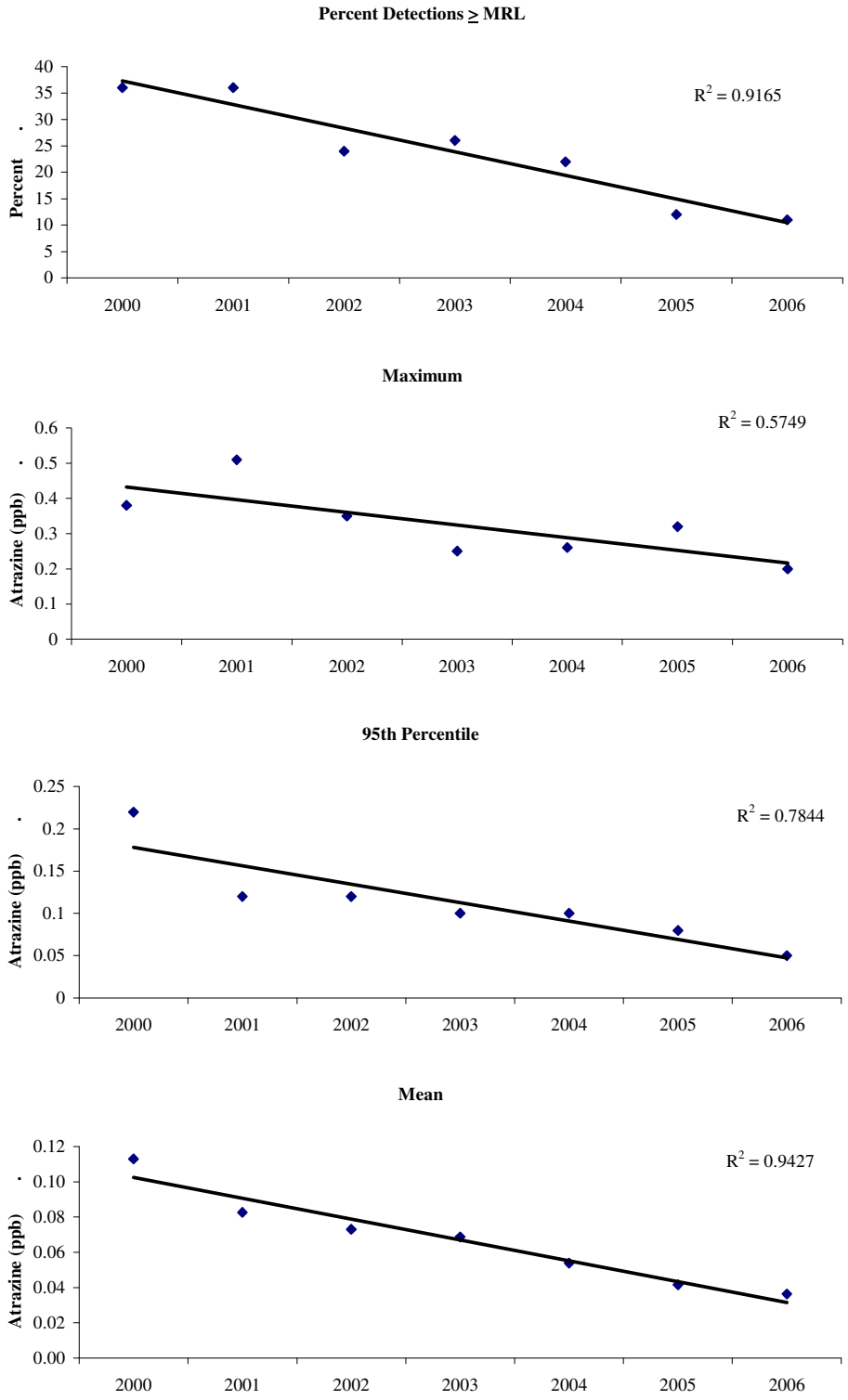
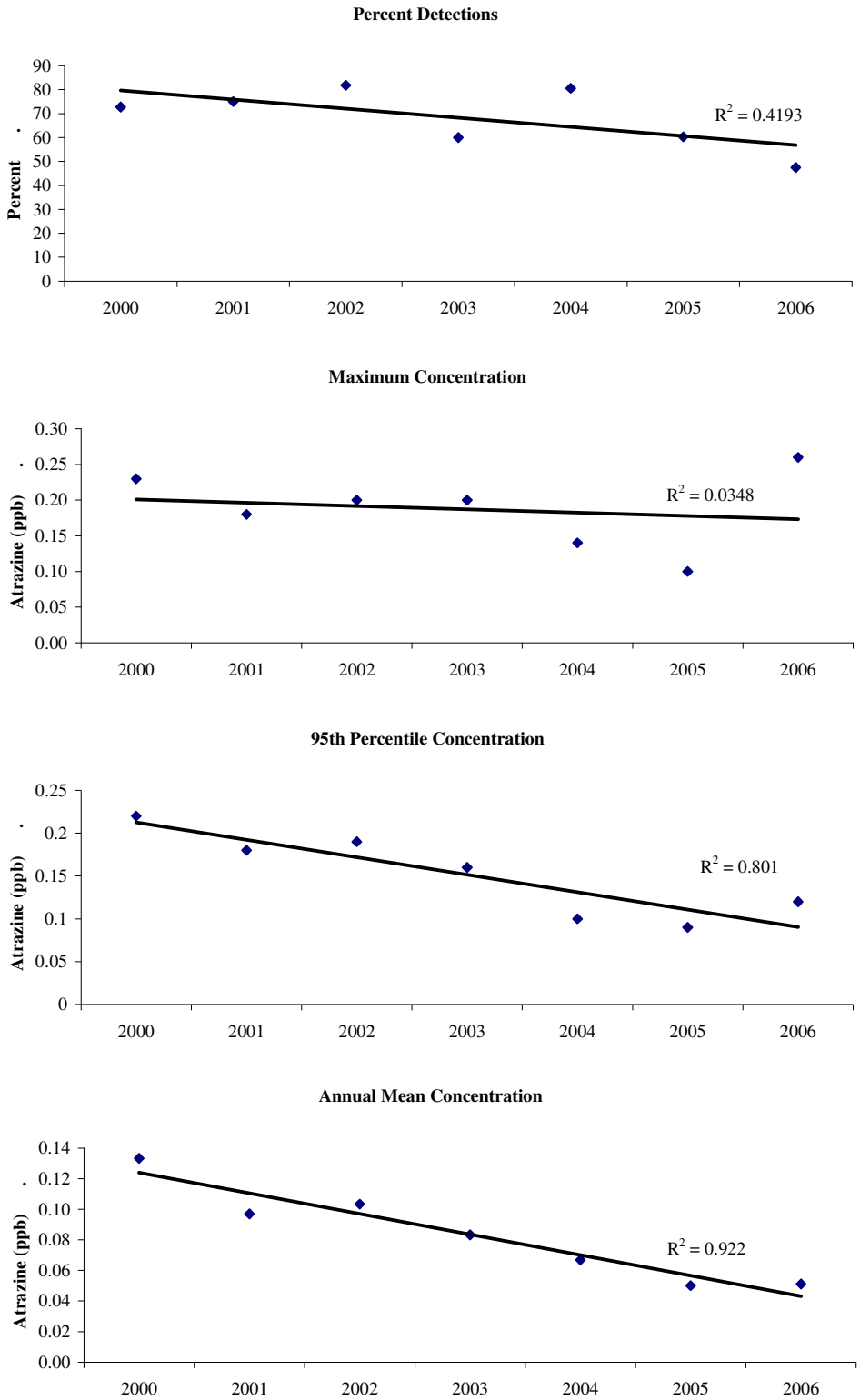


Figure 14 **Trends in Percent Detections, Maximum, Mean and 95th Percentile Atrazine Concentrations in Southeast Minnesota Springs, MDA Southeast Minnesota Spring Monitoring, 2000-2006**



6.3 Surface Water Observations

Sampling of surface waters (rivers/streams) in Minnesota for atrazine occurred between 2001 and 2006. Using grab sampling methodology, atrazine was detected in 69% of samples at concentrations of 13.20 ppb or less (Table 28). This maximum atrazine concentration is 25 times below the state acute aquatic life daily standard of 323 ppb for atrazine. The grab sample method was used by the MDA to identify streams to be monitored more intensively with stream gauging and storm-event based sampling.

Storm-event based sampling of streams and rivers was instituted by MDA to evaluate the occurrence of pesticides including atrazine on a 4-day and/or 30-day basis for comparison to state drinking water standards and aquatic life criteria at river segments that had a history of atrazine detections. The MDA conducted composite (storm-event based) sampling of surface water seasonally (May to August) from 2001 to 2006. Watersheds were selected based on a past history of any pesticide detections at concentrations equal or greater than ½ of any aquatic life or human health criteria. Over the six-year period, 453 storm-event based composite samples were collected. The maximum atrazine concentration was 33.20 ppb. This individual atrazine concentration was ten times lower than the 1-day acute aquatic life criteria for atrazine.

Four-day average atrazine concentrations exceeded 10 ppb in Chaska Creek (2002) once in six years of monitoring and once on the middle branch of the Whitewater River (2004) in six years of monitoring. Atrazine concentrations on Chaska Creek and the middle branch of the Whitewater River did not exceed the atrazine 4-day chronic aquatic life criteria concentration twice in a three year period. The chronic aquatic life criteria must be exceeded two or more years in a three year period to be out of compliance.

The 30-day human-health standard of 3.4 ppb was exceeded once in six years in the middle branch of the Whitewater River in 2004. This river was monitored for atrazine for six years (2001-2006). A human health standard exceedance in Class 2A and 2Bd waters is defined as the criteria being exceeded twice in a three-year period. Atrazine concentrations in the Whitewater River did not exceed the atrazine 30-day human health criteria concentration for more than one year in six.

6.4 Trends in the Occurrence of Atrazine in Surface Water

Of the 67 surface water sites monitored by the MDA, six were monitored in all 6 years of the program, two in 4 years and thirteen sites for three years. The remaining sites were monitored for one or two years. Appling a trend analysis to sites with four or less years of data is too short of a time period to accurately discern a trend. The six sites with five or more years of monitoring data were monitored on a varying annual and seasonal sampling frequency some with only three to five samples per year. Based on the insufficiency of data a trend analysis could not be conducted.

6.5 Drinking Water Observations

Eight of 495 Minnesota Community Water Systems on groundwater had detections of atrazine between 2000 and 2006. The highest atrazine annual mean concentration was 0.93 ppb or less than one-third the atrazine MCL of 3 ppb.

Three of 46 Minnesota Community Water Systems on surface water had detections of atrazine between 2000 and 2006. The highest atrazine annual mean concentration was 0.50 ppb or about one-sixth the atrazine MCL of 3 ppb.

7.0 CONCLUSIONS

Minnesota groundwater and surface waters were monitored, by state and federal agencies, for atrazine during a seven-year (2000-2006). The maximum atrazine concentration in groundwater was 2 times lower than the rural well Health Risk Limit of 3 ppb. The maximum atrazine concentration in surface water was 10 times less than the acute 1-day aquatic life criteria. In intensively monitored (grab and storm event composites) watersheds, two water body segments had a single year (1 of 6) where a 4-day average atrazine concentration was greater than the aquatic life chronic 4-day criteria. One water body segment had a single year (1 out of 6 years) where the 30-day average was greater than the drinking water 30-day criteria. To trigger a 4-day or 30-day violation, average concentrations must exceed the reference value two years in a three year period. Therefore, no violations were issued based on this monitoring data.

Atrazine concentrations in Minnesota ground and surface waters during a seven-year monitoring period did not exceed MDH rural well, US-EPA MCL or MPCA 2A, 2Bd water quality standards or criteria. Although federal or state water quality standards or criteria were not exceeded or violated, the MDA was conservative and identified atrazine as a pesticide of “common detection” in groundwater and a “pesticide of concern” in surface water. With these designations the MDA continues to monitor for trends in occurrence and concentration in geologic and surface water sensitive areas of Minnesota. In addition, MDA conducts outreach programs for the implementation of best management practices for reducing the occurrence and levels of atrazine in geologic and surface water sensitive areas.

REFERENCES

1) Minnesota Department of Health, Health Risk Limit Definition, http://www.health.state.mn.us/divs/eh/groundwater/hrltable.html , November, 2007.

2) Minnesota Department of Agriculture, "Pesticide Monitoring in Water Resources: Annual Data Report May 13, 2004", 116 pgs, at the website: http://www.mda.state.mn.us/chemicals/pesticides/maace.htm

3) US Environmental Protection Agency, Maximum Contaminant Level Definition at the website: http://www.epa.gov/safewater/contaminants/index.html#organic , November, 2007.

4) Minnesota Pollution Control Agency, Aquatic Life Criteria, Minnesota Rule Chapter 7050.0222 at http://www.revisor.leg.state.mn.us/arule/7050/0222.html , November, 2007.

5) Minnesota Department of Health, Dick Clark, Personal communication, April, 26, 2005.

6) Dakota County Ambient Groundwater Quality Study, Dakota County Environmental Management Department, Dakota County, Minnesota, September, 2007.

7) Minnesota Department of Agriculture, Minnesota Pesticide Management Plan, at http://www.mda.state.mn.us/protecting/waterprotection/pmp.htm November 2007.

ABBREVIATIONS

Abbreviation	Definition
BMP	Best Management Practice(s)
CWS	Community Water System
EPA	United States Environmental Protection Agency
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
HRL	Health Risk Limit
LOQ	Limit of Quantification
LOD	Limit of Detection
MCL	Maximum Contaminant Level
MDA	Minnesota Department of Agriculture
MDH	Minnesota Department of Health
MPCA	Minnesota Pollution Control Agency
MRL	Method Reporting Limit(s)
NAWQA	USGS National Water Quality Assessment Program
PMP	Pesticide Management Plan
PMR	Pesticide Monitoring Region
SDWA	Safe Drinking Water Act
USGS	United States Geological Survey

APPENDIX SECTION

APPENDIX 1 Atrazine Results from Regional Groundwater Monitoring Network Minnesota Department of Agriculture, 2001-2006

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Martin County	1	45006	249811	09/04/04	0	nd	0.05
Martin County	1	45006	249811	03/26/05	0	nd	0.05
Martin County	1	45006	249811	09/25/05	0	nd	0.05
Martin County	1	45006	249811	09/29/06	0	nd	0.05
Pennington County	1	57002	244116	09/04/04	0	nd	0.05
Pennington County	1	57005	244119	09/04/04	0	nd	0.05
Pennington County	1	57008	244120	09/04/04	0	nd	0.05
Pennington County	1	57003	244122	09/04/04	0	nd	0.05
Pennington County	1	57002	244116	03/22/05	0	nd	0.05
Pennington County	1	57005	244119	03/22/05	0	nd	0.05
Pennington County	1	57003	244122	03/23/05	0	nd	0.05
Pennington County	1	57008	244120	03/26/05	0	nd	0.05
Pennington County	1	57002	244116	09/24/05	0	nd	0.05
Pennington County	1	57005	244119	09/24/05	0	nd	0.05
Pennington County	1	57003	244122	09/24/05	0	nd	0.05
Pennington County	1	57008	244120	09/25/05	0	nd	0.05
Pennington County	1	51008	244120	10/06/05	0	nd	0.05
Pennington County	1	57005	244119	09/29/06	0	nd	0.05
Pennington County	1	57008	244120	09/29/06	0	nd	0.05
Pennington County	1	57003	244122	09/29/06	0	nd	0.05
Pennington County	1	57002	244116	10/02/06	0	nd	0.05
Polk County	1	60112	620622	09/04/04	0.000001	P2	0.05
Polk County	1	60111	249806	09/05/04	0	nd	0.05
Polk County	1	60111	249806	03/22/05	0	nd	0.05
Polk County	1	60112	620662	03/22/05	0	nd	0.05
Polk County	1	60111	249806	09/24/05	0	nd	0.05
Polk County	1	60112	620662	09/24/05	0	nd	0.05
Polk County	1	60001	267838	09/28/06	0	nd	0.05
Polk County	1	60111	249806	10/02/06	0	nd	0.05
Wilkin County	1	84003	244609	09/26/04	0	nd	0.05
Wilkin County	1	84006	244612	09/26/04	0	nd	0.05
Wilkin County	1	84003	244609	04/08/05	0	nd	0.05
Wilkin County	1	84005	244611	04/08/05	0	nd	0.05
Wilkin County	1	84003	244609	10/06/05	0	nd	0.05
Wilkin County	1	84006	244612	10/02/06	0	nd	0.05
Wilkin County	1	84003	244609	10/04/06	0	nd	0.05
Becker County	4	03-K4	639553	03/28/00	0.12	det	0.05
Becker County	4	03-J3	639594	03/28/00	0	nd	0.05
Becker County	4	03-J4	639558	05/17/00	0	nd	0.05
Becker County	4	03-K4	639553	05/25/00	0	nd	0.05
Becker County	4	03-I2	639555	08/11/00	0.05	det	0.05
Becker County	4	03-K4	639553	08/15/00	0.06	det	0.05
Becker County	4	03-J3	639594	11/13/00	0.06	det	0.05
Becker County	4	03-I3	639557	11/13/00	0	nd	0.05
Becker County	4	03-I2	639555	11/15/00	0	nd	0.05
Becker County	4	03-J4	639559	11/15/00	0	nd	0.05
Becker County	4	03-K4	639553	02/06/01	0.08	det	0.05
Becker County	4	03-I2	639555	02/13/01	0	nd	0.05
Becker County	4	03-J4	639559	02/13/01	0	nd	0.05
Becker County	4	03-I3	639557	03/01/01	0	nd	0.05
Becker County	4	03-I2	639555	05/17/01	0.07	det	0.05
Becker County	4	03-I3	639557	05/17/01	0	nd	0.05
Becker County	4	03-K4	639553	05/31/01	0.07	det	0.05
Becker County	4	03-J4	639559	05/31/01	0	nd	0.05
Becker County	4	03-J3	639594	08/15/01	0.025	P	0.05
Becker County	4	03-I3	639557	08/15/01	0	nd	0.05
Becker County	4	03-J4	639558	11/15/01	0	nd	0.05
Becker County	4	03-J3	639594	11/20/01	0.05	det	0.05
Becker County	4	03-I2	639555	01/28/02	0	nd	0.05
Becker County	4	03-I3	639557	02/15/02	0	nd	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Becker County	4	03-K4	639553	03/04/02	0	nd	0.05
Becker County	4	03-I3	639557	05/08/02	0	nd	0.05
Becker County	4	03-J3	639594	05/13/02	0.07	det	0.05
Becker County	4	03-I2	639555	05/13/02	0	nd	0.05
Becker County	4	03-I2	639555	08/07/02	0	nd	0.05
Becker County	4	03-J3	639594	08/14/02	0	nd	0.05
Becker County	4	03-J4	639558	08/21/02	0	nd	0.05
Becker County	4	03-I3	639556	09/03/02	0	nd	0.05
Becker County	4	03-K4	639553	10/30/02	0	nd	0.05
Becker County	4	03-J4	639558	10/30/02	0	nd	0.05
Becker County	4	03-I2	639555	12/03/02	0	nd	0.05
Becker County	4	03-J4	639558	02/11/03	0	nd	0.05
Becker County	4	03-J3	639594	02/18/03	0	nd	0.05
Becker County	4	03-I3	639557	02/27/03	0	nd	0.05
Becker County	4	03-J4	639558	05/15/03	0	nd	0.05
Becker County	4	03-I2	639555	08/13/03	0	nd	0.05
Becker County	4	03-K4	639553	08/26/03	0	nd	0.05
Becker County	4	03-I3	639557	11/05/03	0	nd	0.05
Becker County	4	03-J3	639594	11/05/03	0	nd	0.05
Becker County	4	03-J4	639558	02/18/04	0	nd	0.05
Becker County	4	03-K4	639553	05/12/04	0.08	det	0.05
Becker County	4	03-I2	639555	05/12/04	0.05	det	0.05
Becker County	4	03-J3	639594	08/04/04	0.025	P	0.05
Becker County	4	03-I3	639557	08/13/04	0	nd	0.05
Becker County	4	03-J4	639558	11/18/04	0	nd	0.05
Becker County	4	03-K4	639553	02/08/05	0.32	det	0.05
Becker County	4	03-I2	639555	02/08/05	0.025	P	0.05
Becker County	4	03-I3	639557	05/04/05	0	nd	0.05
Becker County	4	03-J3	639594	05/18/05	0	nd	0.05
Becker County	4	03-J4	639588	08/29/05	0	nd	0.05
Becker County	4	03-K4	639553	12/06/05	0.05	det	0.05
Becker County	4	03-I2	639555	12/12/05	0	nd	0.05
Becker County	4	03-I3	639557	02/07/06	0	nd	0.05
Becker County	4	03-J3	639594	02/23/06	0	nd	0.05
Becker County	4	03-J4	639558	05/24/06	0	nd	0.05
Becker County	4	03-I2	639555	08/15/06	0.025	P	0.05
Becker County	4	03-K4	639553	08/21/06	0.05	det	0.05
Becker County	4	03-I3	639557	11/09/06	0	nd	0.05
Becker County	4	03-J3	639594	11/21/06	0	nd	0.05
Benton County	4	05-C2	609962	03/24/00	0	nd	0.05
Benton County	4	05-C3	609964	05/04/00	0.08	det	0.05
Benton County	4	05-B2	591785	08/05/00	0	nd	0.05
Benton County	4	05-C2	609962	08/28/00	0	nd	0.05
Benton County	4	05-C3	609964	11/09/00	0.11	det	0.05
Benton County	4	05-C2	609962	11/13/00	0	nd	0.05
Benton County	4	05-B2	609970	02/13/01	0.1	det	0.05
Benton County	4	05-C3	609964	02/23/01	0.23	det	0.05
Benton County	4	05-B2	591785	05/02/01	0	nd	0.05
Benton County	4	05-C3	609966	05/29/01	0.12	det	0.05
Benton County	4	05-B2	591785	08/15/01	0	nd	0.05
Benton County	4	05-C2	609962	08/16/01	0	nd	0.05
Benton County	4	05-C2	609962	10/30/01	0	nd	0.05
Benton County	4	05-C3	609964	02/13/02	0.05	det	0.05
Benton County	4	05-B2	591785	02/15/02	0	nd	0.05
Benton County	4	05-B2	591785	06/11/02	0	nd	0.05
Benton County	4	05-B2	591785	08/22/02	0	nd	0.05
Benton County	4	05-B2	591785	11/18/02	0	nd	0.05
Benton County	4	05-C3	609965	12/03/02	0	nd	0.05
Benton County	4	05-C3	609965	02/18/03	0.025	P	0.05
Benton County	4	05-B2	591785	08/14/03	0.05	det	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Benton County	4	05-C3	609964	08/19/03	0	nd	0.05
Benton County	4	05-C3	609964	05/25/04	0	nd	0.05
Benton County	4	05-B2	591785	05/26/04	0	nd	0.05
Benton County	4	05-C3	609964	02/08/05	0.025	P	0.05
Benton County	4	05-B2	591785	02/24/05	0.025	P	0.05
Benton County	4	05-B2	591785	11/22/05	0	nd	0.05
Benton County	4	05-C3	609964	12/01/05	0	nd	0.05
Benton County	4	05-C3	609964	08/04/06	0	nd	0.05
Benton County	4	05-B2	591785	08/28/06	0.025	P	0.05
Hubbard County	4	29-C9	639513	05/10/00	0.07	det	0.05
Hubbard County	4	29-C8	632549	05/10/00	0	nd	0.05
Hubbard County	4	29-C7	639599	05/25/00	0	nd	0.05
Hubbard County	4	29-C8	632549	08/11/00	0	nd	0.05
Hubbard County	4	29-A8	639517	08/15/00	0	nd	0.05
Hubbard County	4	29-A7	639583	08/15/00	0	nd	0.05
Hubbard County	4	29-A8	639516	10/24/00	0	nd	0.05
Hubbard County	4	29-C7	639599	11/14/00	0	nd	0.05
Hubbard County	4	29-B8	639515	11/15/00	0	nd	0.05
Hubbard County	4	29-C7	639599	02/13/01	0	nd	0.05
Hubbard County	4	29-C9	639513	02/22/01	0.05	det	0.05
Hubbard County	4	29-C8	632549	02/22/01	0	nd	0.05
Hubbard County	4	29-A8	639517	05/15/01	0.07	det	0.05
Hubbard County	4	29-A7	639583	05/15/01	0	nd	0.05
Hubbard County	4	29-C7	639599	05/22/01	0	nd	0.05
Hubbard County	4	29-C9	639513	05/31/01	0.06	det	0.05
Hubbard County	4	29-B8	639515	08/15/01	0	nd	0.05
Hubbard County	4	29-C7	639599	08/15/01	0	nd	0.05
Hubbard County	4	29-A8	639517	08/20/01	0.025	P	0.05
Hubbard County	4	29-B8	639515	11/08/01	0.025	P	0.05
Hubbard County	4	29-C7	639599	11/08/01	0	nd	0.05
Hubbard County	4	29-C8	632549	11/15/01	0	nd	0.05
Hubbard County	4	29-C9	639513	11/20/01	0.06	det	0.05
Hubbard County	4	29-A7	639584	01/28/02	0	nd	0.05
Hubbard County	4	29-B8	639515	03/04/02	0	nd	0.05
Hubbard County	4	29-A8	639517	03/04/02	0	nd	0.05
Hubbard County	4	29-B8	639515	04/29/02	0.025	P	0.05
Hubbard County	4	29-C7	639599	05/08/02	0	nd	0.05
Hubbard County	4	29-A8	639517	05/14/02	0.025	P	0.05
Hubbard County	4	29-C9	639513	05/20/02	0.12	det	0.05
Hubbard County	4	29-A8	639517	07/30/02	0.025	P	0.05
Hubbard County	4	29-C9	639513	08/12/02	0.025	P	0.05
Hubbard County	4	29-C8	632549	08/14/02	0	nd	0.05
Hubbard County	4	29-A7	639584	08/21/02	0	nd	0.05
Hubbard County	4	29-C7	639599	09/03/02	0	nd	0.05
Hubbard County	4	29-C7	639599	11/04/02	0	nd	0.05
Hubbard County	4	29-C8	632549	11/09/02	0	nd	0.05
Hubbard County	4	29-A7	639584	11/13/02	0	nd	0.05
Hubbard County	4	29-A8	639517	12/03/02	0	nd	0.05
Hubbard County	4	29-C9	639513	01/30/03	0.06	det	0.05
Hubbard County	4	29-A8	639517	02/10/03	0	nd	0.05
Hubbard County	4	29-C7	639599	02/11/03	0	nd	0.05
Hubbard County	4	29-B8	639515	02/18/03	0	nd	0.05
Hubbard County	4	29-C9	639512	05/14/03	0.06	det	0.05
Hubbard County	4	29-C7	639599	05/14/03	0.025	P	0.05
Hubbard County	4	29-C8	632548	05/15/03	0	nd	0.05
Hubbard County	4	29-B8	639515	11/12/03	0	nd	0.05
Hubbard County	4	29-A8	639517	11/24/03	0.09	det	0.05
Hubbard County	4	29-C7	639568	02/12/04	0	nd	0.05
Hubbard County	4	29-C9	639512	02/18/04	0.025	P	0.05
Hubbard County	4	29-B8	639515	08/04/04	0.025	P	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Hubbard County	4	29-A8	639517	08/13/04	0.06	det	0.05
Hubbard County	4	29-C7	639568	11/04/04	0.05	det	0.05
Hubbard County	4	29-C8	708354	11/10/04	0.025	P	0.05
Hubbard County	4	29-C9	639512	11/30/04	0.025	P	0.05
Hubbard County	4	29-A7	639583	02/08/05	0	nd	0.05
Hubbard County	4	29-A8	639517	05/11/05	0.025	P	0.05
Hubbard County	4	29-B8	639515	05/26/05	0.025	P	0.05
Hubbard County	4	29-C7	639568	08/10/05	0.025	P	0.05
Hubbard County	4	29-C8	708354	08/18/05	0.025	P	0.05
Hubbard County	4	29-C9	639512	08/18/05	0	nd	0.05
Hubbard County	4	29-A7	708353	11/22/05	0	nd	0.05
Hubbard County	4	29-A8	639517	02/07/06	0.025	P	0.05
Hubbard County	4	29-B8	639515	02/13/06	0	nd	0.05
Hubbard County	4	29-C7	639568	05/10/06	0	nd	0.05
Hubbard County	4	29-C8	708354	05/10/06	0	nd	0.05
Hubbard County	4	29-C9	639512	05/24/06	0.025	P	0.05
Hubbard County	4	29-A7	708353	08/28/06	0	nd	0.05
Hubbard County	4	29-A8	639517	11/03/06	0.025	P	0.05
Hubbard County	4	29-B8	639515	11/09/06	0.025	P	0.05
Kandiyohi County	4	34-C1	640791	03/06/00	0.32	det	0.05
Kandiyohi County	4	34-E1	635410	03/07/00	0.08	det	0.05
Kandiyohi County	4	34-D2	635417	03/07/00	0	nd	0.05
Kandiyohi County	4	34-D1	635412	03/23/00	0	nd	0.05
Kandiyohi County	4	34-C1	640791	05/03/00	0.37	det	0.05
Kandiyohi County	4	34-D1	635412	05/04/00	0	nd	0.05
Kandiyohi County	4	34-E2	640792	05/17/00	0.11	det	0.05
Kandiyohi County	4	34-F2	640793	05/17/00	0.025	P	0.05
Kandiyohi County	4	34-E2	640792	05/25/00	0	nd	0.05
Kandiyohi County	4	34-E1	635410	05/31/00	0	nd	0.05
Kandiyohi County	4	34-E2	940792	08/02/00	0.09	det	0.05
Kandiyohi County	4	34-F2	640793	08/09/00	0.025	P	0.05
Kandiyohi County	4	34-D1	635418	11/08/00	0	nd	0.05
Kandiyohi County	4	34-F2	640793	11/16/00	0.1	det	0.05
Kandiyohi County	4	34-E1	635409	11/27/00	0	nd	0.05
Kandiyohi County	4	34-D2	635411	12/13/00	0	nd	0.05
Kandiyohi County	4	34-C1	640791	01/24/01	0.51	det	0.05
Kandiyohi County	4	34-F2	640793	01/24/01	0	nd	0.05
Kandiyohi County	4	34-E2	640792	02/01/01	0.1	det	0.05
Kandiyohi County	4	34-D1	635418	02/15/01	0	nd	0.05
Kandiyohi County	4	34-E1	635409	03/05/01	0.06	det	0.05
Kandiyohi County	4	34-D2	635411	03/05/01	0	nd	0.05
Kandiyohi County	4	34-D1	635418	04/26/01	0	nd	0.05
Kandiyohi County	4	34-F2	640793	05/22/01	0.1	det	0.05
Kandiyohi County	4	34-D2	635417	07/31/01	0.07	det	0.05
Kandiyohi County	4	34-F2	640973	08/07/01	0.08	det	0.05
Kandiyohi County	4	34-E1	635410	08/20/01	0.05	det	0.05
Kandiyohi County	4	34-D1	635418	08/20/01	0	nd	0.05
Kandiyohi County	4	34-E2	640783	08/24/01	0.025	P	0.05
Kandiyohi County	4	34-C1	640791	08/30/01	0.38	det	0.05
Kandiyohi County	4	34-D1	635418	11/07/01	0	nd	0.05
Kandiyohi County	4	34-E1	635410	11/15/01	0.025	P	0.05
Kandiyohi County	4	34-E2	640783	11/20/01	0.05	det	0.05
Kandiyohi County	4	34-D2	635417	11/20/01	0	nd	0.05
Kandiyohi County	4	34-C1	640791	12/05/01	0.28	det	0.05
Kandiyohi County	4	34-F2	640793	12/05/01	0.05	det	0.05
Kandiyohi County	4	34-D2	635417	02/21/02	0	nd	0.05
Kandiyohi County	4	34-E1	635409	03/06/02	0	nd	0.05
Kandiyohi County	4	34-F2	640973	03/06/02	0	nd	0.05
Kandiyohi County	4	34-D2	635417	05/14/02	0.025	P	0.05
Kandiyohi County	4	34-E1	635410	05/16/02	0.025	P	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Kandiyohi County	4	34-C1	640791	08/05/02	0.29	det	0.05
Kandiyohi County	4	34-F2	640784	08/12/02	0.025	P	0.05
Kandiyohi County	4	34-E2	640783	08/13/02	0.025	P	0.05
Kandiyohi County	4	34-D1	635418	08/13/02	0	nd	0.05
Kandiyohi County	4	34-F2	640793	11/07/02	0.06	det	0.05
Kandiyohi County	4	34-E2	640783	11/12/02	0.025	P	0.05
Kandiyohi County	4	34-C1	640791	11/22/02	0.35	det	0.05
Kandiyohi County	4	34-D1	635418	01/31/03	0.08	det	0.05
Kandiyohi County	4	34-E2	640783	02/14/03	0.025	P	0.05
Kandiyohi County	4	34-E1	635410	02/19/03	0.025	P	0.05
Kandiyohi County	4	34-D2	635417	02/19/03	0	nd	0.05
Kandiyohi County	4	34-D1	635418	05/12/03	0	nd	0.05
Kandiyohi County	4	34-E2	640783	05/15/03	0	nd	0.05
Kandiyohi County	4	34-C1	640791	05/16/03	0.25	det	0.05
Kandiyohi County	4	34-F2	640793	08/15/03	0.08	det	0.05
Kandiyohi County	4	34-E1	635410	11/06/03	0	nd	0.05
Kandiyohi County	4	34-D2	635417	11/13/03	0.025	P	0.05
Kandiyohi County	4	34-E2	640783	02/18/04	0.025	P	0.05
Kandiyohi County	4	34-C1	640791	02/25/04	0.26	det	0.05
Kandiyohi County	4	34-D1	635418	02/25/04	0	nd	0.05
Kandiyohi County	4	34-F2	640793	05/14/04	0.025	P	0.05
Kandiyohi County	4	34-E1	635410	08/05/04	0.025	P	0.05
Kandiyohi County	4	34-D2	635417	08/24/04	0.025	P	0.05
Kandiyohi County	4	34-E2	640783	11/04/04	0.025	P	0.05
Kandiyohi County	4	34-C1	640791	11/09/04	0.16	det	0.05
Kandiyohi County	4	34-D1	635418	11/09/04	0.025	P	0.05
Kandiyohi County	4	34-F2	640793	02/28/05	0.025	P	0.05
Kandiyohi County	4	34-D2	635417	05/10/05	0.025	P	0.05
Kandiyohi County	4	34-E1	635410	05/19/05	0.025	P	0.05
Kandiyohi County	4	34-D1	635418	08/03/05	0	nd	0.05
Kandiyohi County	4	34-C1	640971	08/23/05	0.13	det	0.05
Kandiyohi County	4	34-E2	640783	08/29/05	0.025	P	0.05
Kandiyohi County	4	34-F2	640793	12/01/05	0	nd	0.05
Kandiyohi County	4	34-E1	635410	02/07/06	0.025	P	0.05
Kandiyohi County	4	34-D2	635417	02/28/06	0	nd	0.05
Kandiyohi County	4	34-D1	635418	05/10/06	0	nd	0.05
Kandiyohi County	4	34-E2	640783	05/10/06	0	nd	0.05
Kandiyohi County	4	34-C1	640791	05/17/06	0.025	P	0.05
Kandiyohi County	4	34-F2	640793	08/09/06	0.025	P	0.05
Kandiyohi County	4	34-D2	635417	11/14/06	0.025	P	0.05
Kandiyohi County	4	34-E1	635410	11/21/06	0.025	P	0.05
Morrison County	4	49-F8	676386	08/11/02	0	nd	0.05
Morrison County	4	49-C9	676380	08/12/02	0	nd	0.05
Morrison County	4	49-F6	676384	08/12/02	0	nd	0.05
Morrison County	4	49-D9	676383	08/23/02	0	nd	0.05
Morrison County	4	49-D5	676382	09/03/02	0.06	det	0.05
Morrison County	4	49-F7	676385	11/12/02	0.14	det	0.05
Morrison County	4	49-F6	676384	11/21/02	0	nd	0.05
Morrison County	4	49-D9	676383	12/03/02	0	nd	0.05
Morrison County	4	49-F8	676386	02/18/03	0	nd	0.05
Morrison County	4	49-D5	676382	05/07/03	0.05	det	0.05
Morrison County	4	49-C9	676380	05/15/03	0	nd	0.05
Morrison County	4	49-D9	676383	05/27/03	0	nd	0.05
Morrison County	4	49-F6	676384	08/14/03	0	nd	0.05
Morrison County	4	49-F7	676385	08/19/03	0.14	det	0.05
Morrison County	4	49-F8	676386	11/24/03	0	nd	0.05
Morrison County	4	49-D5	676382	02/19/04	0.16	det	0.05
Morrison County	4	49-D9	676383	02/25/04	0.025	P	0.05
Morrison County	4	49-F7	676385	05/18/04	0	nd	0.05
Morrison County	4	49-F8	676386	08/19/04	0	nd	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Morrison County	4	49-D9	676383	11/09/04	0.025	P	0.05
Morrison County	4	49-C9	676380	11/19/04	0	nd	0.05
Morrison County	4	49-D5	676382	11/22/04	0.025	P	0.05
Morrison County	4	49-F7	676385	02/24/05	0.025	P	0.05
Morrison County	4	49-F8	676386	05/04/05	0	nd	0.05
Morrison County	4	49-D5	676382	08/03/05	0.025	P	0.05
Morrison County	4	49-D9	676383	08/11/05	0.025	P	0.05
Morrison County	4	49-C9	676380	08/29/05	0	nd	0.05
Morrison County	4	49-F6	676384	12/01/05	0	nd	0.05
Morrison County	4	49-F7	676385	12/01/05	0	nd	0.05
Morrison County	4	49-F8	676386	02/21/06	0	nd	0.05
Morrison County	4	49-D5	676382	05/04/06	0.05	det	0.05
Morrison County	4	49-D9	676383	05/04/06	0.025	P	0.05
Morrison County	4	49-C9	676380	05/10/06	0	nd	0.05
Morrison County	4	49-F7	676385	08/04/06	0.025	P	0.05
Morrison County	4	49-F6	676384	08/22/06	0	nd	0.05
Morrison County	4	49-F8	676386	11/21/06	0	nd	0.05
Otter Tail County	4	56-K6	623620	03/16/00	0.08	det	0.05
Otter Tail County	4	56-I6	616346	03/21/00	0.21	det	0.05
Otter Tail County	4	56-K5	616338	03/21/00	0	nd	0.05
Otter Tail County	4	56-G5	623602	03/21/00	0	nd	0.05
Otter Tail County	4	56-F6	623617	03/21/00	0	nd	0.05
Otter Tail County	4	56-E7	623625	03/21/00	0	nd	0.05
Otter Tail County	4	56-E1	623627	03/22/00	0.14	det	0.05
Otter Tail County	4	56-F3-2	623641	03/22/00	0.07	det	0.05
Otter Tail County	4	56-G4	623605	03/22/00	0	nd	0.05
Otter Tail County	4	56-E2	623634	03/22/00	0	nd	0.05
Otter Tail County	4	56-I10	616342	03/26/00	0	nd	0.05
Otter Tail County	4	56-I9	623619	03/26/00	0	nd	0.05
Otter Tail County	4	56-F6	623617	05/03/00	0.08	det	0.05
Otter Tail County	4	56-G3	549737	05/03/00	0	nd	0.05
Otter Tail County	4	56-I9	623619	05/03/00	0	nd	0.05
Otter Tail County	4	56-F9	623622	05/03/00	0	nd	0.05
Otter Tail County	4	56-I6	616346	05/04/00	0.2	det	0.05
Otter Tail County	4	56-E1	623627	05/16/00	0.08	det	0.05
Otter Tail County	4	56-F3-2	623641	05/16/00	0.06	det	0.05
Otter Tail County	4	56-K5	616338	05/16/00	0	nd	0.05
Otter Tail County	4	56-G5	623602	05/17/00	0	nd	0.05
Otter Tail County	4	56-E2	623634	05/17/00	0	nd	0.05
Otter Tail County	4	56-A1	623633	05/24/00	0.025	P	0.05
Otter Tail County	4	56-G4	623605	05/24/00	0	nd	0.05
Otter Tail County	4	56-K6	623620	05/24/00	0	nd	0.05
Otter Tail County	4	56-J10	616340	05/25/00	0.11	det	0.05
Otter Tail County	4	56-F8	623613	05/25/00	0	nd	0.05
Otter Tail County	4	56-D6	623637	05/25/00	0	nd	0.05
Otter Tail County	4	56-G3	549737	08/04/00	0	nd	0.05
Otter Tail County	4	56-F8	623613	08/04/00	0	nd	0.05
Otter Tail County	4	56-F3-1	623638	08/04/00	0	nd	0.05
Otter Tail County	4	56-I10	616342	08/14/00	0.08	det	0.05
Otter Tail County	4	56-E7	623625	08/14/00	0.025	P	0.05
Otter Tail County	4	56-F3-2	623641	08/14/00	0	nd	0.05
Otter Tail County	4	56-K6	623620	08/15/00	0.07	det	0.05
Otter Tail County	4	56-F2	623612	08/21/00	0.11	det	0.05
Otter Tail County	4	56-J10	616340	08/24/00	0.05	det	0.05
Otter Tail County	4	56-G4	623605	08/24/00	0	nd	0.05
Otter Tail County	4	56-F9	623622	08/24/00	0	nd	0.05
Otter Tail County	4	56-F6	623617	10/24/00	0.025	P	0.05
Otter Tail County	4	56-G5	623602	10/24/00	0	nd	0.05
Otter Tail County	4	56-F3-2	623641	10/24/00	0	nd	0.05
Otter Tail County	4	56-A1	623632	11/01/00	0	nd	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Otter Tail County	4	56-E3	623648	11/13/00	0.31	det	0.05
Otter Tail County	4	56-I6	616346	11/14/00	0.38	det	0.05
Otter Tail County	4	56-F2	623611	11/14/00	0	nd	0.05
Otter Tail County	4	56-K6	623620	11/14/00	0	nd	0.05
Otter Tail County	4	56-E2	623634	11/14/00	0	nd	0.05
Otter Tail County	4	56-E7	623625	11/15/00	0	nd	0.05
Otter Tail County	4	56-F3-1	623638	11/15/00	0	nd	0.05
Otter Tail County	4	56-F1	244184	11/30/00	0	nd	0.05
Otter Tail County	4	56-G4	623605	11/30/00	0	nd	0.05
Otter Tail County	4	56-I9	623619	11/30/00	0	nd	0.05
Otter Tail County	4	56-F8	623613	02/06/01	0	nd	0.05
Otter Tail County	4	56-A1	623632	02/06/01	0	nd	0.05
Otter Tail County	4	56-J10	616340	02/15/01	0.12	det	0.05
Otter Tail County	4	56-K6	623620	02/15/01	0.11	det	0.05
Otter Tail County	4	56-K5	616338	02/15/01	0	nd	0.05
Otter Tail County	4	56-G4	623605	02/15/01	0	nd	0.05
Otter Tail County	4	56-D6	623637	02/15/01	0	nd	0.05
Otter Tail County	4	56-E1	623627	02/22/01	0.11	det	0.05
Otter Tail County	4	56-I9	623619	02/27/01	0	nd	0.05
Otter Tail County	4	56-F3-1	623638	02/27/01	0	nd	0.05
Otter Tail County	4	56-G3	549737	03/01/01	0	nd	0.05
Otter Tail County	4	56-G5	623602	03/01/01	0	nd	0.05
Otter Tail County	4	56-E2	623634	03/01/01	0	nd	0.05
Otter Tail County	4	56-F9	623622	04/26/01	0	nd	0.05
Otter Tail County	4	56-E1	623627	05/08/01	0.09	det	0.05
Otter Tail County	4	56-K6	623620	05/08/01	0.07	det	0.05
Otter Tail County	4	56-F3-1	559130	05/08/01	0.025	P	0.05
Otter Tail County	4	56-I10	616342	05/17/01	0.06	det	0.05
Otter Tail County	4	56-F8	623614	05/17/01	0	nd	0.05
Otter Tail County	4	56-E7	623625	05/22/01	0.025	P	0.05
Otter Tail County	4	56-D6	623637	05/22/01	0	nd	0.05
Otter Tail County	4	56-K6	623620	07/26/01	0	nd	0.05
Otter Tail County	4	56-E7	623625	07/26/01	0	nd	0.05
Otter Tail County	4	56-F3-2	623641	07/26/01	0	nd	0.05
Otter Tail County	4	56-E1	623627	08/08/01	0.07	det	0.05
Otter Tail County	4	56-F1	244184	08/08/01	0	nd	0.05
Otter Tail County	4	56-G3	549737	08/08/01	0	nd	0.05
Otter Tail County	4	56-I9	623619	08/15/01	0	nd	0.05
Otter Tail County	4	56-A1	623632	08/15/01	0	nd	0.05
Otter Tail County	4	56-E3	623648	08/20/01	0.13	det	0.05
Otter Tail County	4	56-F6	623617	08/20/01	0.025	P	0.05
Otter Tail County	4	56-K5	616338	08/20/01	0	nd	0.05
Otter Tail County	4	56-G5	623602	08/20/01	0	nd	0.05
Otter Tail County	4	56-I6	616346	09/06/01	0.12	det	0.05
Otter Tail County	4	56-F2	623611	09/06/01	0.025	P	0.05
Otter Tail County	4	56-G4	623605	09/06/01	0	nd	0.05
Otter Tail County	4	56-E3	623648	10/30/01	0.12	det	0.05
Otter Tail County	4	56-F3-1	559130	10/30/01	0	nd	0.05
Otter Tail County	4	56-F9	623622	10/30/01	0	nd	0.05
Otter Tail County	4	56-A1	623632	10/30/01	0	nd	0.05
Otter Tail County	4	56-E1	623627	11/08/01	0.11	det	0.05
Otter Tail County	4	56-J10	616340	11/13/01	0.12	det	0.05
Otter Tail County	4	56-I6	616346	11/13/01	0.07	det	0.05
Otter Tail County	4	56-F8	623613	11/15/01	0	nd	0.05
Otter Tail County	4	56-E2	623634	11/20/01	0	nd	0.05
Otter Tail County	4	56-D6	623637	11/20/01	0	nd	0.05
Otter Tail County	4	56-F2	623611	11/29/01	0.07	det	0.05
Otter Tail County	4	56-F6	623617	11/29/01	0.025	P	0.05
Otter Tail County	4	56-G3	549737	11/29/01	0	nd	0.05
Otter Tail County	4	56-K5	616338	11/29/01	0	nd	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Otter Tail County	4	56-K5	616338	01/28/02	0	nd	0.05
Otter Tail County	4	56-F8	623613	01/28/02	0	nd	0.05
Otter Tail County	4	56-F3-1	559130	02/08/02	0.025	P	0.05
Otter Tail County	4	56-I9	623619	02/08/02	0	nd	0.05
Otter Tail County	4	56-E7	623625	02/08/02	0	nd	0.05
Otter Tail County	4	56-J10	616340	02/12/02	0.08	det	0.05
Otter Tail County	4	56-F6	623617	02/12/02	0	nd	0.05
Otter Tail County	4	56-I6	616346	02/15/02	0.06	det	0.05
Otter Tail County	4	56-F1	244184	02/15/02	0.025	P	0.05
Otter Tail County	4	56-I10	616342	02/19/02	0	nd	0.05
Otter Tail County	4	56-E2	623634	02/19/02	0	nd	0.05
Otter Tail County	4	56-F4	669810	02/19/02	0	nd	0.05
Otter Tail County	4	56-F9	623622	03/04/02	0	nd	0.05
Otter Tail County	4	56-K5	616338	04/29/02	0	nd	0.05
Otter Tail County	4	56-I6	616346	04/29/02	0	nd	0.05
Otter Tail County	4	56-F6	623617	05/08/02	0.025	P	0.05
Otter Tail County	4	56-F3-2	623640	05/08/02	0	nd	0.05
Otter Tail County	4	56-K6	623620	05/13/02	0.06	det	0.05
Otter Tail County	4	56-E3	623648	05/14/02	0.22	det	0.05
Otter Tail County	4	56-F2	623611	05/14/02	0.15	det	0.05
Otter Tail County	4	56-G4	623605	05/14/02	0	nd	0.05
Otter Tail County	4	56-J10	616340	05/20/02	0.09	det	0.05
Otter Tail County	4	56-I10	616342	05/20/02	0.025	P	0.05
Otter Tail County	4	56-F3-1	559130	06/04/02	0.025	P	0.05
Otter Tail County	4	56-F1	244184	06/04/02	0	nd	0.05
Otter Tail County	4	56-G3	549737	06/04/02	0	nd	0.05
Otter Tail County	4	56-G5	623602	06/04/02	0	nd	0.05
Otter Tail County	4	56-I9	623619	06/04/02	0	nd	0.05
Otter Tail County	4	56-E1	623627	07/30/02	0.09	det	0.05
Otter Tail County	4	56-J10	616340	07/30/02	0.025	P	0.05
Otter Tail County	4	56-F9	623622	08/07/02	0.24	det	0.05
Otter Tail County	4	56-K5	616338	08/12/02	0	nd	0.05
Otter Tail County	4	56-F8	623614	08/12/02	0	nd	0.05
Otter Tail County	4	56-G3	549737	08/14/02	0	nd	0.05
Otter Tail County	4	56-A1	623632	08/14/02	0	nd	0.05
Otter Tail County	4	56-E2	623634	08/14/02	0	nd	0.05
Otter Tail County	4	56-D6	623637	08/21/02	0	nd	0.05
Otter Tail County	4	56-F3-2	623641	09/03/02	0	nd	0.05
Otter Tail County	4	56-E3	623648	11/04/02	0.15	det	0.05
Otter Tail County	4	56-F9	623622	11/04/02	0.025	P	0.05
Otter Tail County	4	56-K5	616338	11/09/02	0	nd	0.05
Otter Tail County	4	56-I10	616342	11/12/02	0.05	det	0.05
Otter Tail County	4	56-G3	549737	11/12/02	0	nd	0.05
Otter Tail County	4	56-F4	669810	11/12/02	0	nd	0.05
Otter Tail County	4	56-I6	616346	11/13/02	0.025	P	0.05
Otter Tail County	4	56-F2	623612	11/13/02	0	nd	0.05
Otter Tail County	4	56-F3-2	623640	11/13/02	0	nd	0.05
Otter Tail County	4	56-E7	623625	11/25/02	0.08	det	0.05
Otter Tail County	4	56-F3-1	559130	11/25/02	0.025	P	0.05
Otter Tail County	4	56-F8	623614	11/25/02	0	nd	0.05
Otter Tail County	4	56-I9	623619	12/03/02	0	nd	0.05
Otter Tail County	4	56-I10	616342	01/30/03	0.025	P	0.05
Otter Tail County	4	56-I6	616346	01/30/03	0.025	P	0.05
Otter Tail County	4	56-I9	623619	01/30/03	0	nd	0.05
Otter Tail County	4	56-E3	623648	02/10/03	0.15	det	0.05
Otter Tail County	4	56-F2	623612	02/10/03	0.1	det	0.05
Otter Tail County	4	56-F3-2	623640	02/10/03	0	nd	0.05
Otter Tail County	4	56-F6	623617	02/14/03	0	nd	0.05
Otter Tail County	4	56-K6	623620	02/18/03	0.09	det	0.05
Otter Tail County	4	56-K5	616338	02/18/03	0	nd	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Otter Tail County	4	56-G5	623601	02/18/03	0	nd	0.05
Otter Tail County	4	56-D6	623637	02/18/03	0	nd	0.05
Otter Tail County	4	56-E1	623626	02/27/03	0.07	det	0.05
Otter Tail County	4	56-F1	244184	02/27/03	0.025	P	0.05
Otter Tail County	4	56-G4	623605	02/27/03	0	nd	0.05
Otter Tail County	4	56-G3	623608	05/06/03	0	nd	0.05
Otter Tail County	4	56-E1	623626	05/06/03	0	nd	0.05
Otter Tail County	4	56-E2	623634	05/06/03	0	nd	0.05
Otter Tail County	4	56-K5	616338	05/15/03	0	nd	0.05
Otter Tail County	4	56-J10	616340	05/15/03	0	nd	0.05
Otter Tail County	4	56-F8	623613	05/15/03	0	nd	0.05
Otter Tail County	4	56-A1	623632	05/27/03	0	nd	0.05
Otter Tail County	4	56-D6	623637	05/27/03	0	nd	0.05
Otter Tail County	4	56-I10	616342	08/06/03	0.05	det	0.05
Otter Tail County	4	56-F4	669810	08/06/03	0	nd	0.05
Otter Tail County	4	56-E7	623625	08/13/03	0.22	det	0.05
Otter Tail County	4	56-F9	623622	08/13/03	0	nd	0.05
Otter Tail County	4	56-F3-1	559130	08/26/03	0	nd	0.05
Otter Tail County	4	56-G4	623606	11/05/03	0	nd	0.05
Otter Tail County	4	56-F2	623612	11/05/03	0	nd	0.05
Otter Tail County	4	56-F1	244184	11/12/03	0	nd	0.05
Otter Tail County	4	56-E3	623649	11/12/03	0	nd	0.05
Otter Tail County	4	56-I9	623609	11/13/03	0	nd	0.05
Otter Tail County	4	56-I6	616346	11/17/03	0	nd	0.05
Otter Tail County	4	56-G5	623601	11/17/03	0	nd	0.05
Otter Tail County	4	56-K6	623621	11/17/03	0	nd	0.05
Otter Tail County	4	56-F6	623617	11/24/03	0	nd	0.05
Otter Tail County	4	56-F3-2	623640	11/24/03	0	nd	0.05
Otter Tail County	4	56-E1	623626	02/05/04	0.06	det	0.05
Otter Tail County	4	56-K5	616339	02/05/04	0	nd	0.05
Otter Tail County	4	56-F8	623613	02/12/04	0	nd	0.05
Otter Tail County	4	56-D6	623637	02/12/04	0	nd	0.05
Otter Tail County	4	56-E2	623634	02/18/04	0	nd	0.05
Otter Tail County	4	56-J10	616340	02/24/04	0.07	det	0.05
Otter Tail County	4	56-G3	623608	02/24/04	0	nd	0.05
Otter Tail County	4	56-A1	623632	02/24/04	0	nd	0.05
Otter Tail County	4	56-F9	623622	05/03/04	0.06	det	0.05
Otter Tail County	4	56-F4	669810	05/03/04	0	nd	0.05
Otter Tail County	4	56-F3-1	559130	05/12/04	0.07	det	0.05
Otter Tail County	4	56-I10	616343	05/19/04	0	nd	0.05
Otter Tail County	4	56-E7	623624	05/19/04	0	nd	0.05
Otter Tail County	4	56-F6	623617	08/04/04	0.025	P	0.05
Otter Tail County	4	56-G5	623601	08/04/04	0	nd	0.05
Otter Tail County	4	56-F1	244184	08/13/04	0	nd	0.05
Otter Tail County	4	56-E3	623649	08/18/04	0.08	det	0.05
Otter Tail County	4	56-F2	623612	08/18/04	0.025	P	0.05
Otter Tail County	4	56-I9	623619	08/18/04	0	nd	0.05
Otter Tail County	4	56-F3-2	623640	08/18/04	0	nd	0.05
Otter Tail County	4	56-G4	623606	08/24/04	0.025	P	0.05
Otter Tail County	4	56-K6	623620	08/24/04	0.025	P	0.05
Otter Tail County	4	56-I6	616346	08/24/04	0	nd	0.05
Otter Tail County	4	56-F8	623614	11/04/04	0	nd	0.05
Otter Tail County	4	56-K5	616338	11/10/04	0	nd	0.05
Otter Tail County	4	56-A1	623632	11/10/04	0	nd	0.05
Otter Tail County	4	56-E2	623634	11/10/04	0	nd	0.05
Otter Tail County	4	56-G3	623608	11/18/04	0	nd	0.05
Otter Tail County	4	56-D6	623637	11/18/04	0	nd	0.05
Otter Tail County	4	56-E1	623627	11/30/04	0.06	det	0.05
Otter Tail County	4	56-J10	616340	11/30/04	0.05	det	0.05
Otter Tail County	4	56-I10	616342	02/03/05	0.08	det	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Otter Tail County	4	56-F3-1	559130	02/08/05	0.08	det	0.05
Otter Tail County	4	56-F9	623622	02/22/05	0.025	P	0.05
Otter Tail County	4	56-F4	669810	02/22/05	0	nd	0.05
Otter Tail County	4	56-E7	623625	02/28/05	0.025	P	0.05
Otter Tail County	4	56-F2	623612	05/04/05	0	nd	0.05
Otter Tail County	4	56-K6	623620	05/04/05	0	nd	0.05
Otter Tail County	4	56-F3-2	623640	05/04/05	0	nd	0.05
Otter Tail County	4	56-E3	623648	05/11/05	0.06	det	0.05
Otter Tail County	4	56-I9	623619	05/11/05	0	nd	0.05
Otter Tail County	4	56-F6	623617	05/18/05	0.025	P	0.05
Otter Tail County	4	56-F1	244184	05/18/05	0	nd	0.05
Otter Tail County	4	56-I6	616346	05/18/05	0	nd	0.05
Otter Tail County	4	56-G5	623601	05/26/05	0	nd	0.05
Otter Tail County	4	56-G4	623605	05/26/05	0	nd	0.05
Otter Tail County	4	56-J10	616340	08/01/05	0.025	P	0.05
Otter Tail County	4	56-A1	623632	08/01/05	0.025	P	0.05
Otter Tail County	4	56-G3	623608	08/01/05	0	nd	0.05
Otter Tail County	4	56-K5	616338	08/02/05	0	nd	0.05
Otter Tail County	4	56-E2	623634	08/18/05	0	nd	0.05
Otter Tail County	4	56-D6	623637	08/18/05	0	nd	0.05
Otter Tail County	4	56-E1	623626	08/29/05	0.025	P	0.05
Otter Tail County	4	56-F8	623613	08/29/05	0	nd	0.05
Otter Tail County	4	56-I10	616342	11/30/05	0.025	P	0.05
Otter Tail County	4	56-F9	623622	11/30/05	0	nd	0.05
Otter Tail County	4	56-E7	623625	12/06/05	0	nd	0.05
Otter Tail County	4	56-F4	669810	12/06/05	0	nd	0.05
Otter Tail County	4	56-F3-1	559130	12/12/05	0.09	det	0.05
Otter Tail County	4	56-I6	616346	02/07/06	0	nd	0.05
Otter Tail County	4	56-F1	244184	02/13/06	0	nd	0.05
Otter Tail County	4	56-G4	623605	02/13/06	0	nd	0.05
Otter Tail County	4	56-F3-2	623640	02/13/06	0	nd	0.05
Otter Tail County	4	56-E3	623649	02/23/06	0.2	det	0.05
Otter Tail County	4	56-F2	623612	02/23/06	0.025	P	0.05
Otter Tail County	4	56-K6	623620	02/23/06	0.025	P	0.05
Otter Tail County	4	56-F6	623617	02/23/06	0	nd	0.05
Otter Tail County	4	56-G5	623601	03/01/06	0	nd	0.05
Otter Tail County	4	56-I9	623619	03/01/06	0	nd	0.05
Otter Tail County	4	56-J10	616340	05/03/06	0.025	P	0.05
Otter Tail County	4	56-F8	623614	05/03/06	0	nd	0.05
Otter Tail County	4	56-E2	623634	05/03/06	0	nd	0.05
Otter Tail County	4	56-G3	623608	05/10/06	0	nd	0.05
Otter Tail County	4	56-E1	623627	05/17/06	0.025	P	0.05
Otter Tail County	4	56-K5	616338	05/17/06	0	nd	0.05
Otter Tail County	4	56-A1	623632	05/24/06	0	nd	0.05
Otter Tail County	4	56-D6	623637	05/24/06	0	nd	0.05
Otter Tail County	4	56-I10	616342	08/07/06	0.025	P	0.05
Otter Tail County	4	56-F9	623622	08/07/06	0.025	P	0.05
Otter Tail County	4	56-E7	623625	08/15/06	0	nd	0.05
Otter Tail County	4	56-F4	669810	08/21/06	0.025	P	0.05
Otter Tail County	4	56-F3-1	559130	08/28/06	0.025	P	0.05
Otter Tail County	4	56-F1	244184	11/03/06	0	nd	0.05
Otter Tail County	4	56-G4	623605	11/03/06	0	nd	0.05
Otter Tail County	4	56-I9	623619	11/03/06	0	nd	0.05
Otter Tail County	4	56-E3	623649	11/09/06	0.2	det	0.05
Otter Tail County	4	56-F2	623612	11/09/06	0.025	P	0.05
Otter Tail County	4	56-G5	623601	11/21/06	0	nd	0.05
Otter Tail County	4	56-F3-2	623640	11/21/06	0	nd	0.05
Otter Tail County	4	56-F6	623617	11/29/06	0.025	P	0.05
Otter Tail County	4	56-K6	623620	11/29/06	0.025	P	0.05
Otter Tail County	4	56-I6	616346	11/29/06	0	nd	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Pope County	4	61-G6	610994	03/23/00	0.16	det	0.05
Pope County	4	61-F2	610991	03/23/00	0	nd	0.05
Pope County	4	61-G2	611958	05/05/00	0.07	det	0.05
Pope County	4	61-G6	610994	05/17/00	0.12	det	0.05
Pope County	4	61-F5	611955	05/17/00	0.06	det	0.05
Pope County	4	61-F3	640209	06/02/00	0	nd	0.05
Pope County	4	61-G4	646806	08/02/00	0.31	det	0.05
Pope County	4	61-F3	640209	08/09/00	0	nd	0.05
Pope County	4	61-G6	611960	08/13/00	0.11	det	0.05
Pope County	4	61-G2	611958	08/13/00	0	nd	0.05
Pope County	4	61-G3	610993	08/14/00	0.025	P	0.05
Pope County	4	61-H5	640212	08/17/00	0.025	P	0.05
Pope County	4	61-H6	640210	08/21/00	0.025	P	0.05
Pope County	4	61-F4	646807	08/28/00	0	nd	0.05
Pope County	4	61-F5	611955	11/22/00	0	nd	0.05
Pope County	4	61-F2	611957	11/22/00	0	nd	0.05
Pope County	4	61-F3	640209	11/27/00	0	nd	0.05
Pope County	4	61-F4	646807	11/27/00	0	nd	0.05
Pope County	4	61-G5	640208	12/05/00	0.08	det	0.05
Pope County	4	61-G4	646806	12/07/00	0.22	det	0.05
Pope County	4	61-G6	611960	12/07/00	0.12	det	0.05
Pope County	4	61-H6	640210	12/07/00	0	nd	0.05
Pope County	4	61-F4	646807	02/01/01	0.05	det	0.05
Pope County	4	61-G5	640208	02/15/01	0.08	det	0.05
Pope County	4	61-G2	611958	02/23/01	0.11	det	0.05
Pope County	4	61-F2	611957	02/23/01	0.025	P	0.05
Pope County	4	61-H6	640210	02/23/01	0	nd	0.05
Pope County	4	61-F3	640209	03/05/01	0.025	P	0.05
Pope County	4	61-F5	610989	03/08/01	0.06	det	0.05
Pope County	4	61-F4	646808	04/26/01	0.09	det	0.05
Pope County	4	61-G3	611959	05/08/01	0	nd	0.05
Pope County	4	61-H6	610997	05/15/01	0.06	det	0.05
Pope County	4	61-G5	640211	05/22/01	0.05	det	0.05
Pope County	4	61-G6	610994	05/30/01	0.11	det	0.05
Pope County	4	61-H5	640207	05/30/01	0	nd	0.05
Pope County	4	61-F3	640206	06/01/01	0	nd	0.05
Pope County	4	61-G6	611960	08/17/01	0.06	det	0.05
Pope County	4	61-G4	646805	08/20/01	0.07	det	0.05
Pope County	4	61-F3	640209	08/27/01	0.05	det	0.05
Pope County	4	61-F2	610991	08/30/01	0	nd	0.05
Pope County	4	61-G5	640208	09/10/01	0.1	det	0.05
Pope County	4	61-F5	611955	09/10/01	0.025	P	0.05
Pope County	4	61-F2	610991	10/30/01	0	nd	0.05
Pope County	4	61-F5	611955	10/30/01	0	nd	0.05
Pope County	4	61-G2	611958	11/07/01	0.08	det	0.05
Pope County	4	61-F3	640209	11/15/01	0	nd	0.05
Pope County	4	61-F4	646808	11/15/01	0	nd	0.05
Pope County	4	61-F3	640209	02/05/02	0.025	P	0.05
Pope County	4	61-G3	610993	02/05/02	0	nd	0.05
Pope County	4	61-H6	640210	02/05/02	0	nd	0.05
Pope County	4	61-H5	640212	02/05/02	0	nd	0.05
Pope County	4	61-F4	646807	02/13/02	0.05	det	0.05
Pope County	4	61-G5	640208	04/30/02	0.1	det	0.05
Pope County	4	61-G2	611958	04/30/02	0.09	det	0.05
Pope County	4	61-F2	610991	05/12/02	0	nd	0.05
Pope County	4	61-G4	646805	05/16/02	0.05	det	0.05
Pope County	4	61-G6	610994	05/21/02	0.09	det	0.05
Pope County	4	61-F5	611955	05/21/02	0	nd	0.05
Pope County	4	61-H5	640212	06/03/02	0	nd	0.05
Pope County	4	61-G2	611958	08/05/02	0.07	det	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Pope County	4	61-G4	646805	08/09/02	0.025	P	0.05
Pope County	4	61-H5	640207	08/09/02	0	nd	0.05
Pope County	4	61-H6	640210	08/09/02	0	nd	0.05
Pope County	4	61-F5	611955	08/13/02	0.025	P	0.05
Pope County	4	61-F3	640209	08/23/02	0.025	P	0.05
Pope County	4	61-H6	640210	10/30/02	0.025	P	0.05
Pope County	4	61-H5	640207	11/07/02	0	nd	0.05
Pope County	4	61-G2	611958	11/14/02	0.11	det	0.05
Pope County	4	61-G3	611959	11/14/02	0	nd	0.05
Pope County	4	61-F3	640209	11/22/02	0.05	det	0.05
Pope County	4	61-F4	646808	12/02/02	0	nd	0.05
Pope County	4	61-G4	646805	01/31/03	0.05	det	0.05
Pope County	4	61-F5	611955	01/31/03	0.025	P	0.05
Pope County	4	61-G3	611959	02/09/03	0	nd	0.05
Pope County	4	61-G5	640211	02/09/03	0	nd	0.05
Pope County	4	61-F2	610991	02/14/03	0	nd	0.05
Pope County	4	61-G6	610994	02/27/03	0.09	det	0.05
Pope County	4	61-F3	640209	02/27/03	0.05	det	0.05
Pope County	4	61-F5	611955	05/16/03	0.05	det	0.05
Pope County	4	61-G2	611958	05/27/03	0.06	det	0.05
Pope County	4	61-F4	646808	08/07/03	0.05	det	0.05
Pope County	4	61-H6	640210	08/15/03	0	nd	0.05
Pope County	4	61-H5	640212	08/15/03	0	nd	0.05
Pope County	4	61-G3	611959	08/26/03	0	nd	0.05
Pope County	4	61-F3	640209	08/26/03	0	nd	0.05
Pope County	4	61-G6	610994	11/06/03	0	nd	0.05
Pope County	4	61-G5	640208	11/13/03	0.06	det	0.05
Pope County	4	61-F2	610991	11/18/03	0	nd	0.05
Pope County	4	61-G4	646805	11/18/03	0	nd	0.05
Pope County	4	61-F5	611955	02/17/04	0.025	P	0.05
Pope County	4	61-G2	611958	02/23/04	0.08	det	0.05
Pope County	4	61-G3	611959	05/05/04	0	nd	0.05
Pope County	4	61-F3	640209	05/14/04	0.025	P	0.05
Pope County	4	61-H5	640212	05/14/04	0	nd	0.05
Pope County	4	61-H6	640210	05/19/04	0	nd	0.05
Pope County	4	61-F4	646807	05/25/04	0	nd	0.05
Pope County	4	61-G6	610994	08/05/04	0.025	P	0.05
Pope County	4	61-G5	640211	08/10/04	0.025	P	0.05
Pope County	4	61-G4	646805	08/19/04	0.05	det	0.05
Pope County	4	61-F2	611957	08/19/04	0.025	P	0.05
Pope County	4	61-G2	611958	11/04/04	0.025	P	0.05
Pope County	4	61-F5	611955	11/18/04	0.025	P	0.05
Pope County	4	61-H5	640207	02/04/05	0	nd	0.05
Pope County	4	61-F3	640209	02/08/05	0.025	P	0.05
Pope County	4	61-H6	640210	02/22/05	0.025	P	0.05
Pope County	4	61-F4	646808	02/28/05	0.025	P	0.05
Pope County	4	61-G3	611959	02/28/05	0	nd	0.05
Pope County	4	61-G5	640208	05/04/05	0.025	P	0.05
Pope County	4	61-F2	610991	05/19/05	0.025	P	0.05
Pope County	4	61-G4	646805	05/26/05	0.06	det	0.05
Pope County	4	61-G6	610994	05/26/05	0.025	P	0.05
Pope County	4	61-F5	610989	08/11/05	0.025	P	0.05
Pope County	4	61-G2	611958	08/23/05	0.025	P	0.05
Pope County	4	61-G3	611959	11/22/05	0	nd	0.05
Pope County	4	61-F3	640209	11/22/05	0	nd	0.05
Pope County	4	61-F4	646808	11/22/05	0	nd	0.05
Pope County	4	61-H5	640207	12/06/05	0	nd	0.05
Pope County	4	61-H6	640210	12/06/05	0	nd	0.05
Pope County	4	61-G5	640208	02/13/06	0.025	P	0.05
Pope County	4	61-G4	646805	02/13/06	0	nd	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Pope County	4	61-F2	610991	02/16/06	0	nd	0.05
Pope County	4	61-G6	610994	02/28/06	0.025	P	0.05
Pope County	4	61-F5	610989	05/24/06	0.025	P	0.05
Pope County	4	61-G2	611958	05/24/06	0.025	P	0.05
Pope County	4	61-F4	646808	08/04/06	0.025	P	0.05
Pope County	4	61-G3	610993	08/09/06	0	nd	0.05
Pope County	4	61-H6	640210	08/16/06	0.025	P	0.05
Pope County	4	61-H5	640212	08/16/06	0.025	P	0.05
Pope County	4	61-F3	640209	08/28/06	0.025	P	0.05
Pope County	4	61-G4	646805	11/08/06	0.025	P	0.05
Pope County	4	61-G6	611960	11/14/06	0.025	P	0.05
Pope County	4	61-F2	611957	11/21/06	0.025	P	0.05
Pope County	4	61-G5	640208	12/05/06	0.06	det	0.05
Stearns County	4	73-A5	628966	03/06/00	0	nd	0.05
Stearns County	4	73-K3	628981	03/24/00	0.33	det	0.05
Stearns County	4	73-K7	628974	03/24/00	0.16	det	0.05
Stearns County	4	73-K3	628981	05/05/00	0.23	det	0.05
Stearns County	4	73-K4	594112	05/17/00	0.025	P	0.05
Stearns County	4	73-L6	588380	05/30/00	0	nd	0.05
Stearns County	4	73-J6	628972	05/30/00	0	nd	0.05
Stearns County	4	73-J7	628984	05/30/00	0	nd	0.05
Stearns County	4	73-I6	628959	05/31/00	0.05	det	0.05
Stearns County	4	73-K7	628973	06/02/00	0.12	det	0.05
Stearns County	4	73-L8	628987	06/02/00	0.1	det	0.05
Stearns County	4	73-A1	623400	08/13/00	0	nd	0.05
Stearns County	4	73-E3	623396	08/14/00	0.34	det	0.05
Stearns County	4	73-K7	628973	08/15/00	0.1	det	0.05
Stearns County	4	73-J4	628979	08/15/00	0.07	det	0.05
Stearns County	4	73-B6	628963	08/17/00	0.05	det	0.05
Stearns County	4	73-A6	628954	08/17/00	0.025	P	0.05
Stearns County	4	73-J8	616528	08/21/00	0.09	det	0.05
Stearns County	4	73-M7	628976	08/29/00	0	nd	0.05
Stearns County	4	73-L8	628987	09/05/00	0.07	det	0.05
Stearns County	4	73-J6	628972	09/05/00	0.025	P	0.05
Stearns County	4	73-J7	628984	09/05/00	0	nd	0.05
Stearns County	4	73-J7	628984	10/24/00	0	nd	0.05
Stearns County	4	73-I6	620704	11/02/00	0.05	det	0.05
Stearns County	4	73-J8	616528	11/14/00	0.14	det	0.05
Stearns County	4	73-L6	588380	11/16/00	0	nd	0.05
Stearns County	4	73-L8	628987	12/04/00	0.14	det	0.05
Stearns County	4	73-K7	628973	12/08/00	0.12	det	0.05
Stearns County	4	73-B6	628963	12/08/00	0	nd	0.05
Stearns County	4	73-A5	628965	12/08/00	0	nd	0.05
Stearns County	4	73-K3	628981	12/08/00	0	nd	0.05
Stearns County	4	73-B6	628963	02/15/01	0.05	det	0.05
Stearns County	4	73-M7	628976	02/15/01	0	nd	0.05
Stearns County	4	73-J7	628984	02/23/01	0	nd	0.05
Stearns County	4	73-K4	594112	02/28/01	0.05	det	0.05
Stearns County	4	73-L6	588380	02/28/01	0	nd	0.05
Stearns County	4	73-J6	628972	02/28/01	0	nd	0.05
Stearns County	4	73-A5	628965	03/08/01	0	nd	0.05
Stearns County	4	73-K4	628951	04/25/01	0	nd	0.05
Stearns County	4	73-A1	623399	05/08/01	0.025	P	0.05
Stearns County	4	73-L6	623398	05/15/01	0	nd	0.05
Stearns County	4	73-A5	628966	05/15/01	0	nd	0.05
Stearns County	4	73-K7	628974	05/16/01	0	nd	0.05
Stearns County	4	73-K3	628982	05/16/01	0	nd	0.05
Stearns County	4	73-J6	628971	05/22/01	0.05	det	0.05
Stearns County	4	73-B6	628964	05/29/01	0.08	det	0.05
Stearns County	4	73-A6	628954	05/30/01	0.025	P	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Stearns County	4	73-M7	628977	06/03/01	0	nd	0.05
Stearns County	4	73-E3	623396	06/04/01	0.28	det	0.05
Stearns County	4	73-J4	628979	06/08/01	0.07	det	0.05
Stearns County	4	73-K7	628974	07/26/01	0.08	det	0.05
Stearns County	4	73-K3	628982	07/31/01	0.025	P	0.05
Stearns County	4	73-A5	628966	07/31/01	0	nd	0.05
Stearns County	4	73-J8	616527	08/10/01	0.11	det	0.05
Stearns County	4	73-K4	628951	08/10/01	0.025	P	0.05
Stearns County	4	73-E3	623396	08/17/01	0.2	det	0.05
Stearns County	4	73-B6	628964	08/24/01	0.025	P	0.05
Stearns County	4	73-L8	628987	08/24/01	0.025	P	0.05
Stearns County	4	73-I6	620704	08/27/01	0.09	det	0.05
Stearns County	4	73-A1	623400	08/27/01	0	nd	0.05
Stearns County	4	73-L6	588380	08/30/01	0	nd	0.05
Stearns County	4	73-A6	628954	10/30/01	0	nd	0.05
Stearns County	4	73-A1	623400	11/07/01	0	nd	0.05
Stearns County	4	73-J7	628984	11/07/01	0	nd	0.05
Stearns County	4	73-J4	628979	11/15/01	0.025	P	0.05
Stearns County	4	73-A5	628966	11/15/01	0	nd	0.05
Stearns County	4	73-B6	628963	11/20/01	0.05	det	0.05
Stearns County	4	73-J8	616527	12/05/01	0.09	det	0.05
Stearns County	4	73-L6	588380	12/05/01	0	nd	0.05
Stearns County	4	73-J4	628979	02/05/02	0.06	det	0.05
Stearns County	4	73-E3	623396	02/13/02	0.19	det	0.05
Stearns County	4	73-A6	628954	02/13/02	0	nd	0.05
Stearns County	4	73-K3	628981	02/20/02	0	nd	0.05
Stearns County	4	73-K7	628973	02/21/02	0.08	det	0.05
Stearns County	4	73-B6	628963	02/21/02	0.07	det	0.05
Stearns County	4	73-A1	623399	03/06/02	0	nd	0.05
Stearns County	4	73-M7	628976	03/06/02	0	nd	0.05
Stearns County	4	73-L8	628987	03/06/02	0	nd	0.05
Stearns County	4	73-J6	628971	04/30/02	0.06	det	0.05
Stearns County	4	73-K7	628973	05/12/02	0.05	det	0.05
Stearns County	4	73-L8	628987	05/14/02	0	nd	0.05
Stearns County	4	73-K3	628981	05/16/02	0.025	P	0.05
Stearns County	4	73-J8	616527	05/20/02	0.11	det	0.05
Stearns County	4	73-L6	588380	05/20/02	0	nd	0.05
Stearns County	4	73-J7	628984	05/21/02	0	nd	0.05
Stearns County	4	73-I6	620704	06/03/02	0.06	det	0.05
Stearns County	4	73-A5	628966	06/03/02	0	nd	0.05
Stearns County	4	73-I6	620704	08/05/02	0	nd	0.05
Stearns County	4	73-M7	628976	08/05/02	0	nd	0.05
Stearns County	4	73-J6	628971	08/12/02	0.025	P	0.05
Stearns County	4	73-K3	628981	08/13/02	0.025	P	0.05
Stearns County	4	73-L6	623398	08/23/02	0	nd	0.05
Stearns County	4	73-L8	628986	08/23/02	0	nd	0.05
Stearns County	4	73-K4	628951	09/04/02	0	nd	0.05
Stearns County	4	73-J7	628984	09/04/02	0	nd	0.05
Stearns County	4	73-E3	623396	10/30/02	0.2	det	0.05
Stearns County	4	73-A6	628954	10/30/02	0.025	P	0.05
Stearns County	4	73-L6	623398	10/30/02	0	nd	0.05
Stearns County	4	73-B6	628964	11/07/02	0.11	det	0.05
Stearns County	4	73-M7	628977	11/12/02	0	nd	0.05
Stearns County	4	73-J4	628979	11/14/02	0.11	det	0.05
Stearns County	4	73-J7	628984	11/21/02	0	nd	0.05
Stearns County	4	73-A1	623399	12/02/02	0	nd	0.05
Stearns County	4	73-J4	628979	01/31/03	0	nd	0.05
Stearns County	4	73-I6	620704	02/09/03	0.07	det	0.05
Stearns County	4	73-L6	623398	02/09/03	0	nd	0.05
Stearns County	4	73-J6	628971	02/14/03	0.025	P	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Stearns County	4	73-A5	628966	02/14/03	0	nd	0.05
Stearns County	4	73-A1	623399	02/18/03	0.025	P	0.05
Stearns County	4	73-L8	628986	02/18/03	0.025	P	0.05
Stearns County	4	73-J8	616527	02/19/03	0.1	det	0.05
Stearns County	4	73-K7	628974	02/19/03	0	nd	0.05
Stearns County	4	73-K3	628981	02/27/03	0.05	det	0.05
Stearns County	4	73-L6	623398	05/07/03	0	nd	0.05
Stearns County	4	73-K4	628951	05/12/03	0	nd	0.05
Stearns County	4	73-J7	628984	05/12/03	0	nd	0.05
Stearns County	4	73-J6	628971	05/16/03	0	nd	0.05
Stearns County	4	73-A1	623399	08/07/03	0.13	det	0.05
Stearns County	4	73-A6	628954	08/07/03	0.025	P	0.05
Stearns County	4	73-M7	628976	08/07/03	0	nd	0.05
Stearns County	4	73-E3	623396	08/14/03	0.24	det	0.05
Stearns County	4	73-B6	628964	08/26/03	0	nd	0.05
Stearns County	4	73-J4	628979	08/26/03	0	nd	0.05
Stearns County	4	73-I6	628959	11/06/03	0	nd	0.05
Stearns County	4	73-J8	616527	11/13/03	0.025	P	0.05
Stearns County	4	73-L8	628986	11/13/03	0.025	P	0.05
Stearns County	4	73-K7	628974	11/18/03	0.08	det	0.05
Stearns County	4	73-A5	628966	11/18/03	0	nd	0.05
Stearns County	4	73-K3	628981	11/24/03	0.025	P	0.05
Stearns County	4	73-J6	628971	02/06/04	0	nd	0.05
Stearns County	4	73-J7	628984	02/06/04	0	nd	0.05
Stearns County	4	73-K4	628951	02/23/04	0	nd	0.05
Stearns County	4	73-E3	623396	05/05/04	0.17	det	0.05
Stearns County	4	73-B6	628963	05/05/04	0.1	det	0.05
Stearns County	4	73-A6	628954	05/05/04	0	nd	0.05
Stearns County	4	73-A1	623399	05/19/04	0.025	P	0.05
Stearns County	4	73-M7	628976	05/19/04	0	nd	0.05
Stearns County	4	73-J4	628979	05/25/04	0.025	P	0.05
Stearns County	4	73-L8	628986	08/05/04	0	nd	0.05
Stearns County	4	73-I6	620704	08/10/04	0.025	P	0.05
Stearns County	4	73-K7	628974	08/11/04	0.05	det	0.05
Stearns County	4	73-K3	628981	08/11/04	0.025	P	0.05
Stearns County	4	73-J8	616527	08/24/04	0.08	det	0.05
Stearns County	4	73-A5	628966	08/24/04	0	nd	0.05
Stearns County	4	73-J7	628984	11/04/04	0	nd	0.05
Stearns County	4	73-L6	623398	11/18/04	0	nd	0.05
Stearns County	4	73-K4	628951	11/18/04	0	nd	0.05
Stearns County	4	73-J6	628971	11/22/04	0.025	P	0.05
Stearns County	4	73-B6	628964	02/04/05	0.08	det	0.05
Stearns County	4	73-M7	628976	02/04/05	0.025	P	0.05
Stearns County	4	73-E3	623396	02/08/05	0.12	det	0.05
Stearns County	4	73-J4	628979	02/08/05	0.025	P	0.05
Stearns County	4	73-A1	623399	02/22/05	0.025	P	0.05
Stearns County	4	73-A6	628954	02/28/05	0.025	P	0.05
Stearns County	4	73-K3	628981	05/04/05	0.025	P	0.05
Stearns County	4	73-J8	616527	05/10/05	0.025	P	0.05
Stearns County	4	73-K7	628974	05/10/05	0.025	P	0.05
Stearns County	4	73-L8	628986	05/10/05	0	nd	0.05
Stearns County	4	73-I6	620704	05/19/05	0.025	P	0.05
Stearns County	4	73-A5	628966	05/19/05	0	nd	0.05
Stearns County	4	73-J6	628971	08/03/05	0.025	P	0.05
Stearns County	4	73-J7	628984	08/11/05	0	nd	0.05
Stearns County	4	73-L6	588380	08/23/05	0	nd	0.05
Stearns County	4	73-K4	628951	08/29/05	0.025	P	0.05
Stearns County	4	73-A6	628954	12/06/05	0.025	P	0.05
Stearns County	4	73-E3	623396	12/13/05	0.11	det	0.05
Stearns County	4	73-B6	628964	12/13/05	0.025	P	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Stearns County	4	73-A1	623399	12/13/05	0	nd	0.05
Stearns County	4	73-J4	628979	12/13/05	0	nd	0.05
Stearns County	4	73-M7	628976	12/15/05	0	nd	0.05
Stearns County	4	73-K3	628981	02/07/06	0.025	P	0.05
Stearns County	4	73-L8	628986	02/07/06	0	nd	0.05
Stearns County	4	73-A5	628966	02/13/06	0	nd	0.05
Stearns County	4	73-J8	616527	02/21/06	0.05	det	0.05
Stearns County	4	73-K7	628974	02/21/06	0.025	P	0.05
Stearns County	4	73-I6	620704	02/28/06	0.025	P	0.05
Stearns County	4	73-K4	628951	05/04/06	0.025	P	0.05
Stearns County	4	73-J6	628971	05/17/06	0.12	det	0.05
Stearns County	4	73-L6	623398	05/17/06	0	nd	0.05
Stearns County	4	73-J7	628984	05/24/06	0	nd	0.05
Stearns County	4	73-J4	628979	08/09/06	0.025	P	0.05
Stearns County	4	73-B6	628963	08/16/06	0.05	det	0.05
Stearns County	4	73-A6	628954	08/16/06	0.025	P	0.05
Stearns County	4	73-E3	623396	08/21/06	0.05	det	0.05
Stearns County	4	73-A1	623400	08/21/06	0.025	P	0.05
Stearns County	4	73-M7	628976	08/28/06	0.025	P	0.05
Stearns County	4	73-K7	628974	11/08/06	0.025	P	0.05
Stearns County	4	73-K3	628981	11/08/06	0.025	P	0.05
Stearns County	4	73-J8	616527	11/14/06	0.07	det	0.05
Stearns County	4	73-L8	628986	11/14/06	0	nd	0.05
Stearns County	4	73-A5	628966	12/05/06	0	nd	0.05
Stearns County	4	73-I6	620704	12/08/06	0.05	det	0.05
Todd County	4	77-E3	639580	08/15/00	0	nd	0.05
Todd County	4	77-E3	639581	05/15/01	0	nd	0.05
Todd County	4	77-E3	639580	11/15/01	0	nd	0.05
Todd County	4	77-E3	639580	02/12/02	0	nd	0.05
Todd County	4	77-E3	639580	05/14/02	0.05	det	0.05
Todd County	4	77-E3	639581	08/14/02	0	nd	0.05
Todd County	4	77-E3	639580	11/12/02	0.05	det	0.05
Todd County	4	77-E3	639580	02/27/03	0.025	P	0.05
Todd County	4	77-E3	639580	08/14/03	0	nd	0.05
Todd County	4	77-E3	639580	05/25/04	0	nd	0.05
Todd County	4	77-E3	639580	02/22/05	0	nd	0.05
Todd County	4	77-E3	639580	12/06/05	0.025	P	0.05
Todd County	4	77-E3	639580	08/15/06	0.05	det	0.05
Wadena County	4	80-D7	632537	03/13/00	0	nd	0.05
Wadena County	4	80-D8	632545	03/13/00	0	nd	0.05
Wadena County	4	80-E8	632547	03/13/00	0	nd	0.05
Wadena County	4	80-A8	626195	03/14/00	0.14	det	0.05
Wadena County	4	80-C8	626196	03/14/00	0	nd	0.05
Wadena County	4	80-B7	639575	05/04/00	0.06	det	0.05
Wadena County	4	80-C7	626192	05/04/00	0	nd	0.05
Wadena County	4	80-D8	632545	05/11/00	0	nd	0.05
Wadena County	4	80-A8	626195	05/16/00	0	nd	0.05
Wadena County	4	80-E8	632547	05/17/00	0	nd	0.05
Wadena County	4	80-B8	632501	05/24/00	0.05	det	0.05
Wadena County	4	80-C8	626196	05/24/00	0	nd	0.05
Wadena County	4	80-B8	632501	08/04/00	0.06	det	0.05
Wadena County	4	80-C8	626196	08/11/00	0.025	P	0.05
Wadena County	4	80-D7	632537	08/14/00	0	nd	0.05
Wadena County	4	80-B1	632538	08/15/00	0.13	det	0.05
Wadena County	4	80-C7	626192	08/15/00	0	nd	0.05
Wadena County	4	80-A8	626195	11/14/00	0.15	det	0.05
Wadena County	4	80-C7	626192	11/14/00	0	nd	0.05
Wadena County	4	80-C8	626196	11/15/00	0.12	det	0.05
Wadena County	4	80-B1	632538	11/30/00	0.18	det	0.05
Wadena County	4	80-E8	632547	11/30/00	0	nd	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Wadena County	4	80-A8	626195	02/06/01	0.12	det	0.05
Wadena County	4	80-D8	632545	02/13/01	0	nd	0.05
Wadena County	4	80-B7	639575	02/13/01	0	nd	0.05
Wadena County	4	80-B8	547457	02/22/01	0.1	det	0.05
Wadena County	4	80-C7	626192	02/27/01	0	nd	0.05
Wadena County	4	80-A8	626195	04/26/01	0.13	det	0.05
Wadena County	4	80-B8	632501	04/26/01	0	nd	0.05
Wadena County	4	80-B7	639575	04/26/01	0	nd	0.05
Wadena County	4	80-B1	632538	05/08/01	0.09	det	0.05
Wadena County	4	80-D7	632537	05/15/01	0	nd	0.05
Wadena County	4	80-C8	626196	05/22/01	0.025	P	0.05
Wadena County	4	80-A8	626195	07/26/01	0.08	det	0.05
Wadena County	4	80-B7	639575	08/08/01	0.025	P	0.05
Wadena County	4	80-B1	632538	08/15/01	0.06	det	0.05
Wadena County	4	80-E8	632547	08/20/01	0	nd	0.05
Wadena County	4	80-D8	632545	10/30/01	0	nd	0.05
Wadena County	4	80-C8	626196	11/08/01	0	nd	0.05
Wadena County	4	80-A8	626195	11/13/01	0	nd	0.05
Wadena County	4	80-B7	639575	11/15/01	0	nd	0.05
Wadena County	4	80-C7	626192	11/29/01	0	nd	0.05
Wadena County	4	80-D8	632545	01/28/02	0	nd	0.05
Wadena County	4	80-D7	632537	02/12/02	0	nd	0.05
Wadena County	4	80-B8	632501	02/15/02	0.07	det	0.05
Wadena County	4	80-B7	639575	02/15/02	0	nd	0.05
Wadena County	4	80-B1	632538	02/19/02	0.07	det	0.05
Wadena County	4	80-C8	626196	03/04/02	0	nd	0.05
Wadena County	4	80-E8	632547	04/29/02	0	nd	0.05
Wadena County	4	80-C7	626192	05/13/02	0	nd	0.05
Wadena County	4	80-D7	632537	05/13/02	0	nd	0.05
Wadena County	4	80-A8	626195	07/30/02	0.09	det	0.05
Wadena County	4	80-D8	632545	08/12/02	0	nd	0.05
Wadena County	4	80-E8	632547	08/12/02	0	nd	0.05
Wadena County	4	80-B8	632501	08/21/02	0.07	det	0.05
Wadena County	4	80-C7	626192	08/21/02	0.025	P	0.05
Wadena County	4	80-B7	639575	09/10/02	0	nd	0.05
Wadena County	4	80-C8	626196	11/04/02	0	nd	0.05
Wadena County	4	80-C7	626192	11/12/02	0	nd	0.05
Wadena County	4	80-B1	632538	11/25/02	0	nd	0.05
Wadena County	4	80-B8	632501	12/03/02	0.11	det	0.05
Wadena County	4	80-E8	632547	01/30/03	0	nd	0.05
Wadena County	4	80-B8	632501	02/11/03	0.09	det	0.05
Wadena County	4	80-A8	626195	02/18/03	0.08	det	0.05
Wadena County	4	80-C7	626192	02/18/03	0	nd	0.05
Wadena County	4	80-A8	626195	05/14/03	0.09	det	0.05
Wadena County	4	80-C7	626192	05/14/03	0	nd	0.05
Wadena County	4	80-B7	639575	05/14/03	0	nd	0.05
Wadena County	4	80-D8	632545	05/27/03	0	nd	0.05
Wadena County	4	80-B8	632501	08/06/03	0.07	det	0.05
Wadena County	4	80-B1	632538	08/13/03	0.05	det	0.05
Wadena County	4	80-C8	626196	08/14/03	0.08	det	0.05
Wadena County	4	80-D7	632537	08/14/03	0	nd	0.05
Wadena County	4	80-E8	632547	11/17/03	0	nd	0.05
Wadena County	4	80-D8	632545	02/05/04	0	nd	0.05
Wadena County	4	80-C7	626192	02/12/04	0	nd	0.05
Wadena County	4	80-A8	547460	02/18/04	0.08	det	0.05
Wadena County	4	80-B7	639575	02/24/04	0	nd	0.05
Wadena County	4	80-C8	626196	05/03/04	0.09	det	0.05
Wadena County	4	80-B1	632538	05/19/04	0.025	P	0.05
Wadena County	4	80-D7	632537	05/19/04	0	nd	0.05
Wadena County	4	80-B8	547457	05/25/04	0.17	det	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Wadena County	4	80-E8	632547	08/13/04	0	nd	0.05
Wadena County	4	80-C7	626192	11/04/04	0	nd	0.05
Wadena County	4	80-B7	639575	11/04/04	0	nd	0.05
Wadena County	4	80-D8	632545	11/18/04	0	nd	0.05
Wadena County	4	80-A8	547460	11/30/04	0.05	det	0.05
Wadena County	4	80-B8	547457	02/03/05	0.06	det	0.05
Wadena County	4	80-C8	626196	02/22/05	0.025	P	0.05
Wadena County	4	80-D7	632537	02/22/05	0	nd	0.05
Wadena County	4	80-B1	632538	02/28/05	0.025	P	0.05
Wadena County	4	80-E8	632547	05/11/05	0	nd	0.05
Wadena County	4	80-A8	547460	08/10/05	0.05	det	0.05
Wadena County	4	80-D8	632545	08/10/05	0	nd	0.05
Wadena County	4	80-B7	639575	08/10/05	0	nd	0.05
Wadena County	4	80-C7	626192	08/29/05	0	nd	0.05
Wadena County	4	80-B8	632501	11/22/05	0.025	P	0.05
Wadena County	4	80-B1	632538	11/22/05	0	nd	0.05
Wadena County	4	80-C8	626196	11/30/05	0	nd	0.05
Wadena County	4	80-D7	632537	11/30/05	0	nd	0.05
Wadena County	4	80-E8	623547	03/01/06	0.025	P	0.05
Wadena County	4	80-A8	547460	05/03/06	0.025	P	0.05
Wadena County	4	80-D8	632545	05/10/06	0	nd	0.05
Wadena County	4	80-C7	626192	05/17/06	0	nd	0.05
Wadena County	4	80-B7	639575	05/17/06	0	nd	0.05
Wadena County	4	80-B1	632538	08/07/06	0	nd	0.05
Wadena County	4	80-B8	632501	08/15/06	0.025	P	0.05
Wadena County	4	80-D7	632537	08/28/06	0.025	P	0.05
Wadena County	4	80-E8	623547	11/21/06	0.025	P	0.05
Big Stone County	6	6101	733732	10/09/06	0.000001	P2	0.05
Chippewa County	6	12101	733730	10/09/06	0	nd	0.05
Stevens County	6	75002	244492	09/09/04	0	nd	0.05
Stevens County	6	75002	244492	03/23/05	0	nd	0.05
Stevens County	6	75002	244492	10/05/05	0	nd	0.05
Stevens County	6	75002	244292	10/05/06	0	nd	0.05
Swift County	6	76045	244529	09/29/04	0	nd	0.05
Swift County	6	76042	431151	09/30/04	0	nd	0.05
Swift County	6	76045	244529	03/23/05	0	nd	0.05
Swift County	6	76042	431151	03/23/05	0	nd	0.05
Swift County	6	76045	244529	10/05/05	0	nd	0.05
Swift County	6	76042	431151	10/05/05	0	nd	0.05
Swift County	6	76103	733733	10/05/06	0.000001	P2	0.05
Swift County	6	76045	244529	10/09/06	0	nd	0.05
Swift County	6	76042	431151	10/09/06	0	nd	0.05
Swift County	6	76104	733727	10/09/06	0	nd	0.05
Swift County	6	76101	733729	10/09/06	0	nd	0.05
Swift County	6	76102	733731	10/09/06	0	nd	0.05
Lyon County	7	42101	733723	09/18/06	0	nd	0.05
Murray County	7	51008	623070	10/05/04	0	nd	0.05
Murray County	7	51008	623070	03/29/05	0	nd	0.05
Murray County	7	51008	623070	09/18/06	0	nd	0.05
Murray County	7	51101	733717	09/18/06	0	nd	0.05
Pipestone County	7	59002	244284	09/16/04	0	nd	0.05
Pipestone County	7	59101	733721	09/19/06	0	nd	0.05
Pipestone County	7	59102	733722	09/19/06	0	nd	0.05
Rock County	7	67006	483549	09/16/04	0	nd	0.05
Rock County	7	67006	483549	04/01/05	0	nd	0.05
Rock County	7	67006	483549	10/06/05	0	nd	0.05
Rock County	7	67102	733718	09/19/06	0.000001	P2	0.05
Rock County	7	67006	483549	10/02/06	0	nd	0.05
Brown County	8	8101	733710	09/11/06	0	nd	0.05
Cottonwood County	8	17006	453618	09/22/04	0	nd	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
Cottonwood County	8	17007	492127	09/22/04	0	nd	0.05
Cottonwood County	8	17007	492127	04/01/05	0	nd	0.05
Cottonwood County	8	17101	733715	09/20/06	0	nd	0.05
Cottonwood County	8	17007	492127	10/02/06	0	nd	0.05
Cottonwood County	8	17102	733714	10/02/06	0	nd	0.05
Jackson County	8	32101	733713	09/12/06	0	nd	0.05
McLeod County	8	46101	733712	09/11/06	0	nd	0.05
Meeker County	8	47101	733736	09/26/06	0	nd	0.05
Redwood County	8	64009	244377	09/27/04	0	nd	0.05
Redwood County	8	64103	733725	09/18/06	0.000001	P2	0.05
Watonwan County	8	83101	733711	09/11/06	0	nd	0.05
	Urban GWAT		DD04U3001	06/29/04	0	nd	0.05
	Urban GWAT		DD04U3002	06/29/04	0	nd	0.05
	Urban GWAT		DD04U3003	06/29/04	0	nd	0.05
	Urban GWAT		DD04U3004	06/29/04	0	nd	0.05
	Urban GWAT		DD04U3005	06/29/04	0	nd	0.05
	Urban GWAT		DD04U3006	06/29/04	0	nd	0.05
	Urban GWAT		DD04U3007	06/30/04	0	nd	0.05
	Urban GWAT		DD04U3008	06/30/04	0	nd	0.05
	Urban GWAT		DD04U3009	06/30/04	0	nd	0.05
	Urban GWAT		DD04U3010	06/30/04	0	nd	0.05
	Urban GWAT		DD04U3011	06/30/04	0	nd	0.05
	Urban GWAT		MT050200	06/28/05	0	nd	0.05
	Urban GWAT		MT050201	06/28/05	0	nd	0.05
	Urban GWAT		MT050202	06/28/05	0	nd	0.05
	Urban GWAT		MT050203	06/28/05	0	nd	0.05
	Urban GWAT		MT050204	06/28/05	0	nd	0.05
	Urban GWAT		MT0602013	07/26/05	0.025	P	0.05
	Urban GWAT		MT0602009	07/26/05	0	nd	0.05
	Urban GWAT		MT0602010	07/26/05	0	nd	0.05
	Urban GWAT		MT0602011	07/26/05	0	nd	0.05
	Urban GWAT		MT0602012	07/26/05	0	nd	0.05
	Urban GWAT		MT0602014	07/27/05	0	nd	0.05
	Urban GWAT		MT0602015	07/27/05	0	nd	0.05
	Urban GWAT		MT0602016	07/27/05	0	nd	0.05
	Urban GWAT		MT0602017	07/27/05	0	nd	0.05
	Urban GWAT		MT0602018	07/28/05	0.025	P	0.05
	Urban GWAT		MT0602019	07/28/05	0	nd	0.05
	Urban GWAT		MT0602020	07/28/05	0	nd	0.05
	Urban GWAT		MT0602021	07/28/05	0	nd	0.05
	Urban GWAT		MT0602022	07/28/05	0	nd	0.05
	Urban GWAT		MT0602023	07/28/05	0	nd	0.05
	Urban GWAT		MT0602024	07/28/05	0	nd	0.05
	Urban GWAT		MT0602025	08/01/05	0	nd	0.05
	Urban GWAT		JS06U302	07/20/06	0.025	P	0.05
	Urban GWAT		JS06U301	07/20/06	0	nd	0.05
	Urban GWAT		JS06U303	07/20/06	0	nd	0.05
	Urban GWAT		JS06U304	07/20/06	0	nd	0.05
	Urban GWAT		JS06U305	07/20/06	0	nd	0.05
	Urban GWAT		JS06U306	07/20/06	0	nd	0.05
	Urban GWAT		JS06U307	07/20/06	0	nd	0.05
	Urban GWAT		JS06U308	07/20/06	0	nd	0.05
	Urban GWAT		JS06U309	07/20/06	0	nd	0.05
	Urban GWAT		JS06U310	07/26/06	0	nd	0.05
	Urban GWAT		JS06U320	07/28/06	0.08	detect	0.05
	Urban GWAT		JS06U321	07/28/06	0.025	P	0.05
	Urban GWAT		JS06U331	08/09/06	0	nd	0.05
	Urban GWAT		JS06U341	08/10/06	0	nd	0.05
	Urban GWAT		JS06U342	08/10/06	0	nd	0.05
	Urban GWAT		JS06U350	08/16/06	0.025	P	0.05

County	Region	Grid Code	Unique Number	Sample Date	MD DOA Result (ppb)	Qualifier	Method Reporting Limit
	Urban GWAT		JS06U360	08/22/06	0	nd	0.05
	Urban GWAT		JS06U361	08/22/06	0	nd	0.05
	Urban GWAT		JS06U370	08/23/06	0	nd	0.05
	Urban GWAT		JS06U371	08/23/06	0	nd	0.05
	Urban GWAT		JS06U372	08/23/06	0	nd	0.05
	Urban GWAT		JS06U380	08/29/06	0	nd	0.05

APPENDIX 2 Atrazine Results from the Southeast Minnesota Springs, Minnesota Department of Agriculture, 2000-2006

Program	Spring Name	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
Region 9 Springs	Big BCVSP	07/14/06	0.08	det	0.05
Region 9 Springs	Big BCVSP	10/06/06	0.07	det	0.05
Region 9 Springs	Burr Oak	06/15/06	0.08	det	0.05
Region 9 Springs	Burr Oak	06/28/06	0.000001	P2	0.05
Region 9 Springs	Burr Oak	07/20/06	0.05	det	0.05
Region 9 Springs	Burr Oak	10/06/06	0.000001	P2	0.05
Region 9 Springs	Cold N	06/08/06	0.09	det	0.05
Region 9 Springs	Cold N	06/27/06	0.09	det	0.05
Region 9 Springs	Cold N	07/14/06	0.12	det	0.05
Region 9 Springs	Cold N	10/05/06	0.09	det	0.05
Region 9 Springs	Cold S	06/08/06	0.09	det	0.05
Region 9 Springs	Cold S	06/27/06	0.07	det	0.05
Region 9 Springs	Cold S	07/14/06	0.11	det	0.05
Region 9 Springs	Cold S	10/05/06	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	04/02/93	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	05/20/93	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	07/01/93	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	07/27/93	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	09/01/93	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	10/05/93	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	10/28/93	0.25	det	0.05
Region 9 Springs	Crystal Springs No 1	11/12/93	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	12/01/93	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	12/18/93	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	01/04/94	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	01/20/94	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	02/04/94	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	02/24/94	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	03/18/94	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	04/15/94	0.12	det	0.05
Region 9 Springs	Crystal Springs No 1	05/12/94	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	06/15/94	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	09/02/94	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	10/13/94	0.11	det	0.05
Region 9 Springs	Crystal Springs No 1	11/03/94	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	12/16/94	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	01/06/95	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	01/26/95	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	03/11/95	0.08	det	0.05
Region 9 Springs	Crystal Springs No 1	04/07/95	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	05/09/95	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	06/15/95	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	07/06/95	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	08/01/95	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	09/12/95	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	10/03/95	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	11/07/95	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	12/06/95	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	01/23/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	02/22/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	03/15/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	04/12/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	05/21/96	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	06/10/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	07/08/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	08/06/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	09/25/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	10/16/96	0.1	det	0.05
Region 9 Springs	Crystal Springs No 1	12/02/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	01/03/97	0.05	det	0.05

Program	Spring Name	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
Region 9 Springs	Crystal Springs No 1	02/14/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	03/25/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	04/09/97	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	05/08/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	06/16/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	07/07/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	08/04/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	09/02/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	10/16/97	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	11/12/97	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	01/05/98	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	02/17/98	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	03/17/98	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	04/23/98	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	06/08/98	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	07/07/98	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	08/17/98	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	09/25/98	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	12/16/98	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	01/14/99	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	03/01/99	0.0425	det	0.05
Region 9 Springs	Crystal Springs No 1	05/13/99	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	06/24/99	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	07/21/99	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	08/19/99	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	09/27/99	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	10/27/99	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	12/02/99	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	12/21/99	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	01/21/00	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	03/13/00	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	04/13/00	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	05/11/00	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	06/13/00	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	07/03/00	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	08/03/00	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	09/08/00	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	10/17/00	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	11/30/00	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	12/27/00	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	01/30/01	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	02/15/01	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	03/29/01	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	04/20/01	0.09	det	0.05
Region 9 Springs	Crystal Springs No 1	05/22/01	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	06/27/01	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	07/24/01	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	08/28/01	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	09/25/01	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	10/19/01	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	11/20/01	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	12/21/01	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	01/31/02	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	02/28/02	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	03/28/02	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	04/26/02	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	05/30/02	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	06/24/02	0.1	det	0.05
Region 9 Springs	Crystal Springs No 1	07/15/02	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	08/20/02	0.05	det	0.05

Program	Spring Name	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
Region 9 Springs	Crystal Springs No 1	10/04/02	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	10/25/02	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	12/03/02	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	01/07/03	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	02/11/03	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	03/27/03	0.08	det	0.05
Region 9 Springs	Crystal Springs No 1	04/29/03	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	05/29/03	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	06/30/03	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	07/31/03	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	08/30/03	0.09	det	0.05
Region 9 Springs	Crystal Springs No 1	10/01/03	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	10/21/03	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	12/03/03	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	12/23/03	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	01/22/04	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	03/04/04	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	03/24/04	0	nd	0.05
Region 9 Springs	Crystal Springs No 1	04/28/04	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	05/25/04	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	06/30/04	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	07/23/04	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	08/17/04	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	09/17/04	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	11/05/04	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	11/30/04	0.06	det	0.05
Region 9 Springs	Crystal Springs No 1	12/23/04	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	01/20/05	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	03/24/05	0.05	det	0.05
Region 9 Springs	Crystal Springs No 1	04/29/05	0.07	det	0.05
Region 9 Springs	Crystal Springs No 1	05/20/05	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	06/30/05	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	07/25/05	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	09/13/05	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	11/30/05	0.025	P	0.05
Region 9 Springs	Crystal Springs No 1	12/22/05	0.025	P	0.05
Region 9 Springs	Crystal Springs No 2	04/02/93	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	05/20/93	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	07/01/93	0.95	det	0.05
Region 9 Springs	Crystal Springs No 2	07/27/93	0.86	det	0.05
Region 9 Springs	Crystal Springs No 2	09/01/93	0.635	det	0.05
Region 9 Springs	Crystal Springs No 2	10/05/93	0.59	det	0.05
Region 9 Springs	Crystal Springs No 2	10/28/93	0.51	det	0.05
Region 9 Springs	Crystal Springs No 2	11/12/93	0.53	det	0.05
Region 9 Springs	Crystal Springs No 2	12/01/93	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	12/18/93	0.44	det	0.05
Region 9 Springs	Crystal Springs No 2	01/04/94	0.23	det	0.05
Region 9 Springs	Crystal Springs No 2	01/20/94	0.12	det	0.05
Region 9 Springs	Crystal Springs No 2	02/04/94	0.29	det	0.05
Region 9 Springs	Crystal Springs No 2	02/24/94	0.43	det	0.05
Region 9 Springs	Crystal Springs No 2	03/18/94	0.33	det	0.05
Region 9 Springs	Crystal Springs No 2	04/15/94	0.32	det	0.05
Region 9 Springs	Crystal Springs No 2	05/12/94	0.28	det	0.05
Region 9 Springs	Crystal Springs No 2	06/15/94	0.21	det	0.05
Region 9 Springs	Crystal Springs No 2	09/02/94	0.27	det	0.05
Region 9 Springs	Crystal Springs No 2	10/13/94	0.37	det	0.05
Region 9 Springs	Crystal Springs No 2	11/03/94	0.27	det	0.05
Region 9 Springs	Crystal Springs No 2	12/16/94	0.21	det	0.05
Region 9 Springs	Crystal Springs No 2	01/06/95	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	01/26/95	0.21	det	0.05

Program	Spring Name	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
Region 9 Springs	Crystal Springs No 2	03/11/95	0.17	det	0.05
Region 9 Springs	Crystal Springs No 2	04/07/95	0.19	det	0.05
Region 9 Springs	Crystal Springs No 2	05/09/95	0.17	det	0.05
Region 9 Springs	Crystal Springs No 2	06/15/95	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	07/06/95	0.17	det	0.05
Region 9 Springs	Crystal Springs No 2	08/01/95	0.2	det	0.05
Region 9 Springs	Crystal Springs No 2	09/12/95	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	10/03/95	0.15	det	0.05
Region 9 Springs	Crystal Springs No 2	11/07/95	0.14	det	0.05
Region 9 Springs	Crystal Springs No 2	12/06/95	0.14	det	0.05
Region 9 Springs	Crystal Springs No 2	01/23/96	0.12	det	0.05
Region 9 Springs	Crystal Springs No 2	02/22/96	0.11	det	0.05
Region 9 Springs	Crystal Springs No 2	03/15/96	0.17	det	0.05
Region 9 Springs	Crystal Springs No 2	04/12/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	05/21/96	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	06/10/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	07/08/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	08/06/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	09/25/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	10/16/96	0.1	det	0.05
Region 9 Springs	Crystal Springs No 2	12/02/96	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	01/03/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	02/14/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	03/25/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	04/09/97	0.11	det	0.05
Region 9 Springs	Crystal Springs No 2	05/08/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	06/16/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	07/07/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	08/04/97	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	09/02/97	0.14	det	0.05
Region 9 Springs	Crystal Springs No 2	10/16/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	11/12/97	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	01/05/98	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	03/17/98	0.15	det	0.05
Region 9 Springs	Crystal Springs No 2	04/23/98	0.15	det	0.05
Region 9 Springs	Crystal Springs No 2	06/08/98	0.1	det	0.05
Region 9 Springs	Crystal Springs No 2	07/07/98	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	08/17/98	0.47	det	0.05
Region 9 Springs	Crystal Springs No 2	09/25/98	0.22	det	0.05
Region 9 Springs	Crystal Springs No 2	12/16/98	0.21	det	0.05
Region 9 Springs	Crystal Springs No 2	01/14/99	0.24	det	0.05
Region 9 Springs	Crystal Springs No 2	03/01/99	0.34	det	0.05
Region 9 Springs	Crystal Springs No 2	05/13/99	0.09	det	0.05
Region 9 Springs	Crystal Springs No 2	05/14/99	0.25	det	0.05
Region 9 Springs	Crystal Springs No 2	07/21/99	0.26	det	0.05
Region 9 Springs	Crystal Springs No 2	08/19/99	0.46	det	0.05
Region 9 Springs	Crystal Springs No 2	09/27/99	0.24	det	0.05
Region 9 Springs	Crystal Springs No 2	10/27/99	0.25	det	0.05
Region 9 Springs	Crystal Springs No 2	12/02/99	0.22	det	0.05
Region 9 Springs	Crystal Springs No 2	12/21/99	0.22	det	0.05
Region 9 Springs	Crystal Springs No 2	01/21/00	0.22	det	0.05
Region 9 Springs	Crystal Springs No 2	03/13/00	0.17	det	0.05
Region 9 Springs	Crystal Springs No 2	04/13/00	0.2	det	0.05
Region 9 Springs	Crystal Springs No 2	05/11/00	0.14	det	0.05
Region 9 Springs	Crystal Springs No 2	06/13/00	0.23	det	0.05
Region 9 Springs	Crystal Springs No 2	07/03/00	0.19	det	0.05
Region 9 Springs	Crystal Springs No 2	08/03/00	0.19	det	0.05
Region 9 Springs	Crystal Springs No 2	09/08/00	0.08	det	0.05
Region 9 Springs	Crystal Springs No 2	10/17/00	0.17	det	0.05
Region 9 Springs	Crystal Springs No 2	11/30/00	0.17	det	0.05

Program	Spring Name	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
Region 9 Springs	Crystal Springs No 2	12/27/00	0.18	det	0.05
Region 9 Springs	Crystal Springs No 2	01/30/01	0.15	det	0.05
Region 9 Springs	Crystal Springs No 2	02/15/01	0.15	det	0.05
Region 9 Springs	Crystal Springs No 2	03/29/01	0.18	det	0.05
Region 9 Springs	Crystal Springs No 2	04/20/01	0.18	det	0.05
Region 9 Springs	Crystal Springs No 2	05/22/01	0.15	det	0.05
Region 9 Springs	Crystal Springs No 2	06/27/01	0.11	det	0.05
Region 9 Springs	Crystal Springs No 2	07/24/01	0.13	det	0.05
Region 9 Springs	Crystal Springs No 2	08/28/01	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	09/25/01	0.11	det	0.05
Region 9 Springs	Crystal Springs No 2	10/19/01	0.12	det	0.05
Region 9 Springs	Crystal Springs No 2	11/20/01	0.11	det	0.05
Region 9 Springs	Crystal Springs No 2	12/21/01	0.12	det	0.05
Region 9 Springs	Crystal Springs No 2	01/31/02	0.06	det	0.05
Region 9 Springs	Crystal Springs No 2	02/28/02	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	03/28/02	0.09	det	0.05
Region 9 Springs	Crystal Springs No 2	04/26/02	0.11	det	0.05
Region 9 Springs	Crystal Springs No 2	05/30/02	0.13	det	0.05
Region 9 Springs	Crystal Springs No 2	06/24/02	0.16	det	0.05
Region 9 Springs	Crystal Springs No 2	07/15/02	0.12	det	0.05
Region 9 Springs	Crystal Springs No 2	08/20/02	0.13	det	0.05
Region 9 Springs	Crystal Springs No 2	10/04/02	0.16	det	0.05
Region 9 Springs	Crystal Springs No 2	10/25/02	0.19	det	0.05
Region 9 Springs	Crystal Springs No 2	12/03/02	0.2	det	0.05
Region 9 Springs	Crystal Springs No 2	01/07/03	0.2	det	0.05
Region 9 Springs	Crystal Springs No 2	02/11/03	0.16	det	0.05
Region 9 Springs	Crystal Springs No 2	03/27/03	0.2	det	0.05
Region 9 Springs	Crystal Springs No 2	04/29/03	0.16	det	0.05
Region 9 Springs	Crystal Springs No 2	05/29/03	0.16	det	0.05
Region 9 Springs	Crystal Springs No 2	06/30/03	0.13	det	0.05
Region 9 Springs	Crystal Springs No 2	07/31/03	0.15	det	0.05
Region 9 Springs	Crystal Springs No 2	08/30/03	0.025	P	0.05
Region 9 Springs	Crystal Springs No 2	10/01/03	0.12	det	0.05
Region 9 Springs	Crystal Springs No 2	10/21/03	0.11	det	0.05
Region 9 Springs	Crystal Springs No 2	12/03/03	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	12/23/03	0.1	det	0.05
Region 9 Springs	Crystal Springs No 2	01/22/04	0.11	det	0.05
Region 9 Springs	Crystal Springs No 2	03/04/04	0.11	det	0.05
Region 9 Springs	Crystal Springs No 2	03/24/04	0	nd	0.05
Region 9 Springs	Crystal Springs No 2	04/28/04	0.1	det	0.05
Region 9 Springs	Crystal Springs No 2	05/25/04	0.08	det	0.05
Region 9 Springs	Crystal Springs No 2	06/30/04	0.11	det	0.05
Region 9 Springs	Crystal Springs No 2	07/23/04	0.08	det	0.05
Region 9 Springs	Crystal Springs No 2	08/17/04	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	09/17/04	0.1	det	0.05
Region 9 Springs	Crystal Springs No 2	10/22/04	0.1	det	0.05
Region 9 Springs	Crystal Springs No 2	11/30/04	0.09	det	0.05
Region 9 Springs	Crystal Springs No 2	12/23/04	0.07	det	0.05
Region 9 Springs	Crystal Springs No 2	01/20/05	0.09	det	0.05
Region 9 Springs	Crystal Springs No 2	03/01/05	0.09	det	0.05
Region 9 Springs	Crystal Springs No 2	03/24/05	0.09	det	0.05
Region 9 Springs	Crystal Springs No 2	04/29/05	0.1	det	0.05
Region 9 Springs	Crystal Springs No 2	05/20/05	0.07	det	0.05
Region 9 Springs	Crystal Springs No 2	06/30/05	0.07	det	0.05
Region 9 Springs	Crystal Springs No 2	07/25/05	0.05	det	0.05
Region 9 Springs	Crystal Springs No 2	09/13/05	0.06	det	0.05
Region 9 Springs	Crystal Springs No 2	11/30/05	0.06	det	0.05
Region 9 Springs	Crystal Springs No 2	12/22/05	0.06	det	0.05
Region 9 Springs	Frego	06/14/06	0.000001	P2	0.05
Region 9 Springs	Frego	06/28/06	0.000001	P2	0.05

Program	Spring Name	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
Region 9 Springs	Frego	07/20/06	0.000001	P2	0.05
Region 9 Springs	Frego	10/06/06	0.000001	P2	0.05
Region 9 Springs	FTN E	06/13/06	0.000001	P2	0.05
Region 9 Springs	FTN E	06/30/06	0.05	det	0.05
Region 9 Springs	FTN E	07/21/06	0.19	det	0.05
Region 9 Springs	FTN E	10/05/06	0.000001	P2	0.05
Region 9 Springs	FTN W	06/13/06	0.000001	P2	0.05
Region 9 Springs	FTN W	06/30/06	0.000001	P2	0.05
Region 9 Springs	FTN W	07/21/06	0.26	det	0.05
Region 9 Springs	FTN W	10/05/06	0.000001	P2	0.05
Region 9 Springs	Hazel's	06/30/06	0.000001	P2	0.05
Region 9 Springs	Hazel's	07/20/06	0.000001	P2	0.05
Region 9 Springs	Hazel's	10/06/06	0.000001	P2	0.05
Region 9 Springs	Knutsons's	06/30/06	0.000001	P2	0.05
Region 9 Springs	Knutsons's	07/20/06	0.06	det	0.05
Region 9 Springs	Knutsons's	10/06/06	0.000001	P2	0.05
Region 9 Springs	Krage	06/15/06	0	nd	0.05
Region 9 Springs	Krage	06/28/06	0	nd	0.05
Region 9 Springs	Krage	07/14/06	0	nd	0.05
Region 9 Springs	Krage	10/06/06	0	nd	0.05
Region 9 Springs	Lanesboro No 1	04/29/03	0.06	det	0.05
Region 9 Springs	Lanesboro No 1	05/28/03	0.08	det	0.05
Region 9 Springs	Lanesboro No 1	06/27/03	0.07	det	0.05
Region 9 Springs	Lanesboro No 1	07/07/03	0.09	det	0.05
Region 9 Springs	Lanesboro No 1	09/05/03	0	nd	0.05
Region 9 Springs	Lanesboro No 1	09/13/03	0	nd	0.05
Region 9 Springs	Lanesboro No 1	10/21/03	0.07	det	0.05
Region 9 Springs	Lanesboro No 1	12/03/03	0.06	det	0.05
Region 9 Springs	Lanesboro No 1	12/29/03	0.07	det	0.05
Region 9 Springs	Lanesboro No 1	01/28/04	0.08	det	0.05
Region 9 Springs	Lanesboro No 1	02/18/04	0.08	det	0.05
Region 9 Springs	Lanesboro No 1	03/02/04	0.07	det	0.05
Region 9 Springs	Lanesboro No 1	04/29/04	0.06	det	0.05
Region 9 Springs	Lanesboro No 1	05/25/04	0.06	det	0.05
Region 9 Springs	Lanesboro No 1	06/10/04	0.09	det	0.05
Region 9 Springs	Lanesboro No 1	08/03/04	0.14	det	0.05
Region 9 Springs	Lanesboro No 1	08/30/04	0.05	det	0.05
Region 9 Springs	Lanesboro No 1	09/16/04	0.07	det	0.05
Region 9 Springs	Lanesboro No 1	10/29/04	0.07	det	0.05
Region 9 Springs	Lanesboro No 1	11/22/04	0.06	det	0.05
Region 9 Springs	Lanesboro No 1	12/10/04	0.08	det	0.05
Region 9 Springs	Lanesboro No 1	01/25/05	0.07	det	0.05
Region 9 Springs	Lanesboro No 1	02/14/05	0.05	det	0.05
Region 9 Springs	Lanesboro No 1	04/05/05	0.07	det	0.05
Region 9 Springs	Lanesboro No 1	05/04/05	0.08	det	0.05
Region 9 Springs	Lanesboro No 1	05/16/05	0.07	det	0.05
Region 9 Springs	Lanesboro No 1	06/09/05	0.07	det	0.05
Region 9 Springs	Lanesboro No 1	07/24/05	0.05	det	0.05
Region 9 Springs	Lanesboro No 1	08/15/05	0.025	P	0.05
Region 9 Springs	Lanesboro No 1	09/27/05	0.025	P	0.05
Region 9 Springs	Lanesboro No 1	12/27/05	0.05	det	0.05
Region 9 Springs	Lanesboro No 2	04/29/03	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	05/28/03	0.09	det	0.05
Region 9 Springs	Lanesboro No 2	06/27/03	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	07/07/03	0	nd	0.05
Region 9 Springs	Lanesboro No 2	08/31/03	0	nd	0.05
Region 9 Springs	Lanesboro No 2	09/13/03	0	nd	0.05
Region 9 Springs	Lanesboro No 2	10/21/03	0.07	det	0.05
Region 9 Springs	Lanesboro No 2	12/03/03	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	12/29/03	0.08	det	0.05

Program	Spring Name	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
Region 9 Springs	Lanesboro No 2	01/28/04	0.1	det	0.05
Region 9 Springs	Lanesboro No 2	02/18/04	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	03/02/04	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	04/29/04	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	05/25/04	0.07	det	0.05
Region 9 Springs	Lanesboro No 2	06/10/04	0.1	det	0.05
Region 9 Springs	Lanesboro No 2	08/03/04	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	08/30/04	0.05	det	0.05
Region 9 Springs	Lanesboro No 2	09/16/04	0.09	det	0.05
Region 9 Springs	Lanesboro No 2	10/29/04	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	11/22/04	0.07	det	0.05
Region 9 Springs	Lanesboro No 2	12/10/04	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	01/25/05	0.07	det	0.05
Region 9 Springs	Lanesboro No 2	02/14/05	0.05	det	0.05
Region 9 Springs	Lanesboro No 2	04/05/05	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	05/04/05	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	05/16/05	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	06/09/05	0.08	det	0.05
Region 9 Springs	Lanesboro No 2	07/24/05	0.05	det	0.05
Region 9 Springs	Lanesboro No 2	08/15/05	0.06	det	0.05
Region 9 Springs	Lanesboro No 2	09/27/05	0.025	P	0.05
Region 9 Springs	Lanesboro No 2	12/27/05	0.05	det	0.05
Region 9 Springs	Peterson Springs No 1	04/21/03	0	nd	0.05
Region 9 Springs	Peterson Springs No 1	05/14/03	0.06	det	0.05
Region 9 Springs	Peterson Springs No 1	06/29/03	0.05	det	0.05
Region 9 Springs	Peterson Springs No 1	07/30/03	0	nd	0.05
Region 9 Springs	Peterson Springs No 1	08/29/03	0	nd	0.05
Region 9 Springs	Peterson Springs No 1	09/19/03	0	nd	0.05
Region 9 Springs	Peterson Springs No 1	10/28/03	0	nd	0.05
Region 9 Springs	Peterson Springs No 1	11/19/03	0	nd	0.05
Region 9 Springs	Peterson Springs No 1	12/16/03	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	01/26/04	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	02/24/04	0.05	det	0.05
Region 9 Springs	Peterson Springs No 1	03/09/04	0	nd	0.05
Region 9 Springs	Peterson Springs No 1	04/28/04	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	05/12/04	0.06	det	0.05
Region 9 Springs	Peterson Springs No 1	06/09/04	0.1	det	0.05
Region 9 Springs	Peterson Springs No 1	07/22/04	0.05	det	0.05
Region 9 Springs	Peterson Springs No 1	08/18/04	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	09/16/04	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	10/28/04	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	11/29/04	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	12/31/04	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	01/26/05	0.05	det	0.05
Region 9 Springs	Peterson Springs No 1	02/08/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	03/28/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	04/20/05	0.05	det	0.05
Region 9 Springs	Peterson Springs No 1	05/26/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	06/14/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	07/31/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	08/30/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	09/14/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	10/03/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	11/29/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 1	12/21/05	0	nd	0.05
Region 9 Springs	Peterson Springs No 2	04/21/03	0	nd	0.05
Region 9 Springs	Peterson Springs No 2	05/14/03	0.07	det	0.05
Region 9 Springs	Peterson Springs No 2	06/29/03	0.07	det	0.05
Region 9 Springs	Peterson Springs No 2	07/31/03	0.06	det	0.05
Region 9 Springs	Peterson Springs No 2	08/29/03	0	nd	0.05

Program	Spring Name	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
Region 9 Springs	Peterson Springs No 2	09/19/03	0	nd	0.05
Region 9 Springs	Peterson Springs No 2	10/28/03	0.025	P	0.05
Region 9 Springs	Peterson Springs No 2	11/19/03	0	nd	0.05
Region 9 Springs	Peterson Springs No 2	12/16/03	0.05	det	0.05
Region 9 Springs	Peterson Springs No 2	01/26/04	0.06	det	0.05
Region 9 Springs	Peterson Springs No 2	02/24/04	0.06	det	0.05
Region 9 Springs	Peterson Springs No 2	03/09/04	0	nd	0.05
Region 9 Springs	Peterson Springs No 2	04/28/04	0.05	det	0.05
Region 9 Springs	Peterson Springs No 2	05/12/04	0.07	det	0.05
Region 9 Springs	Peterson Springs No 2	06/09/04	0.07	det	0.05
Region 9 Springs	Peterson Springs No 2	07/22/04	0.07	det	0.05
Region 9 Springs	Peterson Springs No 2	08/18/04	0.05	det	0.05
Region 9 Springs	Peterson Springs No 2	09/16/04	0.06	det	0.05
Region 9 Springs	Peterson Springs No 2	10/28/04	0.06	det	0.05
Region 9 Springs	Peterson Springs No 2	11/29/04	0.05	det	0.05
Region 9 Springs	Peterson Springs No 2	12/31/04	0.05	det	0.05
Region 9 Springs	Peterson Springs No 2	01/26/05	0.07	det	0.05
Region 9 Springs	Peterson Springs No 2	02/08/05	0.05	det	0.05
Region 9 Springs	Peterson Springs No 2	03/28/05	0.06	det	0.05
Region 9 Springs	Peterson Springs No 2	04/20/05	0.07	det	0.05
Region 9 Springs	Peterson Springs No 2	05/26/05	0.06	det	0.05
Region 9 Springs	Peterson Springs No 2	06/14/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 2	07/31/05	0.05	det	0.05
Region 9 Springs	Peterson Springs No 2	08/30/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 2	09/14/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 2	10/03/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 2	11/29/05	0.025	P	0.05
Region 9 Springs	Peterson Springs No 2	12/21/05	0	nd	0.05
Region 9 Springs	Rainy	06/14/06	0.09	det	0.05
Region 9 Springs	Rainy	06/28/06	0.06	det	0.05
Region 9 Springs	Rainy	07/20/06	0.07	det	0.05
Region 9 Springs	Rainy	10/06/06	0	nd	0.05

APPENDIX 3 Atrazine Results from the Random Well Survey Minnesota Department of Agriculture, 2004

Atrazine in Random Domestic Water Supplies
Public NC-T
MDA and MPCA Groundwater and Assessment Program, 2004

Grid	Region	Sample Date	Field Number	Atrazine (ppb)
C05	1	5/6/2004	MP009	0
C07	1	1/22/2004	MP004	0
D05	1	1/21/2004	MP002	0
E05	1	1/21/2004	MP003	0
E07	1	1/22/2004	MP005	0
E08	1	5/6/2004	MP008	0
F08	1	1/20/2004	MP001	0
F09	1	1/26/2004	CH105	0
F10	1	1/26/2004	MP006	0
F11	1	5/17/2004	CH112	0
G09	4	1/26/2004	MP006	0
G12	1	1/26/2004	CH106	0
H08	4	1/16/2004	DS004	0
H09	4	1/15/2004	DS003	0
H10	4	5/17/2004	CH113	0
H11	4	1/21/2004	CH104	0
H13	1	1/23/2004	MZ005	0
H13	1	1/23/2004	MZ006	0
I08	4	1/20/2004	DS008	0
I09	4	1/15/2004	DS002	0
I10	4	1/15/2004	DS001	0
I11	4	1/28/2004	CH108	0
I12	4	1/26/2004	CH107	0
I14	6	1/22/2004	MZ003	0
I15	6	1/15/2004	JH004	0
J07	4	1/16/2004	DS005	0
J09	4	5/15/2004	CH111	0
J10	4	1/16/2004	CH100	0
J15	6	5/6/2004	JH005	0
J17	7	1/15/2004	JH001	0.1
K08	5	1/16/2004	DS006	0
K09	5	1/16/2004	DS007	0
K10	4	1/16/2004	CH101	0
K11	4	1/19/2004	CH102	0
K14	8	1/20/2004	MZ001	0
K15	8	5/6/2004	JH006	0
L08	5	1/14/2004	MJ001	0
L09	5	5/15/2004	CH110	0
L10	5	6/10/2004	CH114	0
L12	8	5/8/2004	CH109	0
L13	8	1/22/2004	MZ004	0
L14	8	1/20/2004	MZ002	0
L15	8	1/15/2004	JH003	0
L17	7	1/15/2004	JH002	0
M08	5	2/3/2004	MJ004	0
M11	4	1/14/2004	MJ002	0
M12	8	1/26/2004	MZ007	0
M13	8	5/6/2004	JH007	0
M13A	8	5/6/2004	JH008	0
M15	8	1/16/2004	BV003	0
M16	8	1/16/2004	BV002	0
N10	5	1/20/2004	MJ003	0
N11	10	5/4/2004	MJ007	0
N12	10	2/3/2004	MJ005	0
N14	8	1/30/2004	BV004	0
N16	8	1/16/2004	BV001	0
O12	10	3/15/2004	MJ006	0.06
O13	10	1/29/2004	PW04005	0
O14	8	1/30/2004	BV005	0
O16	8	1/30/2004	BV007	0
P12	9	2/5/2004	PW04008	0
P13	9	5/5/2004	MJ009	0.06
P14	9	1/29/2004	PW04007	0
P15	8	1/30/2004	BV006	0
Q12	9	5/12/2004	PJW04009	1.52
Q13	9	2/3/2004	PW04006	0
Q14	9	5/5/2004	MJ008	0
R12	9	1/27/2004	PW04004	0
R13	9	1/27/2004	PW04001	0
S12	9	1/27/2004	PW04002	0
S13	9	1/27/2004	PW04003	0

APPENDIX 4 Atrazine Results for Groundwater Monitoring from the National Water Quality Assessment Program (NAWQA) United States Geological Survey, 2000-2006

County	Study Unit	STA_ID	Well Depth (ft)	Land Use Group	Sample Date	Report Units	Remark*	Value
ANOKA	UMIS	451009093181701	19	URBAN	07/18/06	ug/l	<	0.007
ANOKA	UMIS	451010093184901	12.17	URBAN	07/17/06	ug/l	<	0.007
ANOKA	UMIS	451100093181401	18	URBAN	06/28/06	ug/l	<	0.007
ANOKA	UMIS	451104093212801	14	URBAN	07/19/00	ug/l	<	0.001
ANOKA	UMIS	451104093212801	14	URBAN	06/20/01	ug/l	<	0.007
ANOKA	UMIS	451104093212801	14	URBAN	07/08/02	ug/l	<	0.007
ANOKA	UMIS	451104093212801	14	URBAN	07/22/05	ug/l	E	0.0062
ANOKA	UMIS	451104093212801	14	URBAN	07/18/06	ug/l	E	0.005
ANOKA	UMIS	451116093183101	13	URBAN	07/24/06	ug/l	<	0.007
ANOKA	UMIS	451152093162601	15	URBAN	06/28/06	ug/l	<	0.007
ANOKA	UMIS	451222093185001	24.5	URBAN	07/17/06	ug/l	<	0.007
ANOKA	UMIS	451236093202001	20	URBAN	06/27/06	ug/l	E	0.0053
ANOKA	UMIS	451315093202501	20.75	URBAN	07/19/00	ug/l	--	0.00455
ANOKA	UMIS	451315093202501	20.75	URBAN	07/09/02	ug/l	<	0.007
ANOKA	UMIS	451315093202501	20.75	URBAN	07/19/05	ug/l	E	0.005
ANOKA	UMIS	451315093202501	20.75	URBAN	06/27/06	ug/l	E	0.0042
BELTRAM	UMIS	472533094284500	13	OTHER	07/20/00	ug/l	<	0.001
BELTRAM	UMIS	472533094284500	13	OTHER	06/20/01	ug/l	<	0.007
BELTRAM	UMIS	472533094284500	13	OTHER	07/23/02	ug/l	<	0.007
BELTRAM	UMIS	472533094284500	13	OTHER	07/28/05	ug/l	<	0.007
BELTRAM	UMIS	472533094284500	13	OTHER	07/20/06	ug/l	<	0.007
CARVER	UMIS	445151093312902	215	OTHER	12/01/04	ug/l	<	0.007
CASS	UMIS	471546094331700	14.35	OTHER	07/20/00	ug/l	<	0.001
CASS	UMIS	471546094331700	14.35	OTHER	06/21/01	ug/l	<	0.007
CASS	UMIS	471546094331700	14.35	OTHER	07/22/02	ug/l	<	0.007
CASS	UMIS	471546094331700	14.35	OTHER	07/28/05	ug/l	<	0.007
CASS	UMIS	471546094331700	14.35	OTHER	07/21/06	ug/l	<	0.007
DAKOTA	UMIS	443042092570401	320	MIXED	08/05/02	ug/l	--	0.0082
DAKOTA	UMIS	443042092570401	320	MIXED	07/13/05	ug/l	E	0.0075
DAKOTA	UMIS	444500093111101	493	OTHER	11/22/04	ug/l	--	0.0133
DAKOTA	UMIS	444500093111101	493	OTHER	08/11/05	ug/l	--	0.0097
DAKOTA	UMIS	444500093111102	493	OTHER	08/11/05	ug/l	<	0.008
DAKOTA	UMIS	444727093095801	500	OTHER	12/13/04	ug/l	<	0.007
DAKOTA	UMIS	445100093023901	407	OTHER	11/10/04	ug/l	<	0.007
DAKOTA	UMIS	445117093042701	335	MIXED	07/18/02	ug/l	<	0.007
DAKOTA	UMIS	445117093042701	335	MIXED	07/14/05	ug/l	E	0.0052
DAKOTA	UMIS	445255093023901	401	OTHER	11/08/04	ug/l	<	0.007
HENNEPIN	UMIS	445514093234201	495	OTHER	11/15/04	ug/l	<	0.007
HENNEPIN	UMIS	445608093250601	548	OTHER	11/09/04	ug/l	<	0.007
HENNEPIN	UMIS	445649093395201	194	OTHER	11/30/04	ug/l	<	0.007
HENNEPIN	UMIS	445806093241001	507	OTHER	12/13/04	ug/l	<	0.007
HENNEPIN	UMIS	445826093305301	100	OTHER	11/30/04	ug/l	<	0.007
HENNEPIN	UMIS	450013093352001	205	OTHER	11/22/04	ug/l	<	0.007
HENNEPIN	UMIS	450122093193801	19	URBAN	06/22/06	ug/l	<	0.007
HENNEPIN	UMIS	450126093180901	28.5	URBAN	06/22/06	ug/l	<	0.007
HENNEPIN	UMIS	450226093203901	29	URBAN	07/14/06	ug/l	--	0.0109
HENNEPIN	UMIS	450236093175801	17	URBAN	06/21/06	ug/l	--	0.107
HENNEPIN	UMIS	450307093172301	16	URBAN	06/23/06	ug/l	<	0.007
HENNEPIN	UMIS	450326093175201	18	URBAN	07/19/00	ug/l	<	0.001
HENNEPIN	UMIS	450326093175201	18	URBAN	06/19/01	ug/l	<	0.007
HENNEPIN	UMIS	450326093175201	18	URBAN	06/15/05	ug/l	<	0.007
HENNEPIN	UMIS	450327093193501	10	URBAN	07/15/06	ug/l	<	0.007
HENNEPIN	UMIS	450328093232001	18	URBAN	07/14/06	ug/l	E	0.0055
HENNEPIN	UMIS	450333093201701	9	URBAN	07/19/06	ug/l	<	0.007
HENNEPIN	UMIS	450346093175101	15	URBAN	06/23/06	ug/l	<	0.007
HENNEPIN	UMIS	450430093220801	22.5	URBAN	07/18/00	ug/l	--	0.0459
HENNEPIN	UMIS	450430093220801	22.5	URBAN	06/19/01	ug/l	--	0.0411
HENNEPIN	UMIS	450430093220801	22.5	URBAN	07/11/02	ug/l	--	0.0537
HENNEPIN	UMIS	450430093220801	22.5	URBAN	07/22/05	ug/l	--	0.0435
HENNEPIN	UMIS	450430093220801	22.5	URBAN	06/26/06	ug/l	--	0.0221

County	Study Unit	STA_ID	Well Depth (ft)	Land Use Group	Sample Date	Report Units	Remark*	Value
HENNEPIN	UMIS	450448093205301	18	URBAN	07/18/00	ug/l	<	0.001
HENNEPIN	UMIS	450448093205301	18	URBAN	06/19/01	ug/l	<	0.007
HENNEPIN	UMIS	450448093205301	18	URBAN	07/09/02	ug/l	<	0.007
HENNEPIN	UMIS	450448093205301	18	URBAN	06/16/05	ug/l	<	0.007
HENNEPIN	UMIS	450448093205301	18	URBAN	06/26/06	ug/l	<	0.007
HENNEPIN	UMIS	450456093172401	317	OTHER	11/09/04	ug/l	<	0.007
HENNEPIN	UMIS	450456093193201	9	URBAN	06/24/06	ug/l	--	0.0121
HENNEPIN	UMIS	450516093195901	23	URBAN	06/24/06	ug/l	<	0.007
HENNEPIN	UMIS	450518093172501	33.5	URBAN	07/19/06	ug/l	<	0.007
HENNEPIN	UMIS	450524093223201	18	URBAN	07/13/06	ug/l	E	0.0071
HENNEPIN	UMIS	450542093182301	15	URBAN	07/12/06	ug/l	<	0.007
HENNEPIN	UMIS	450557093201801	22.5	URBAN	06/26/06	ug/l	<	0.007
HENNEPIN	UMIS	450611093183101	13.5	URBAN	07/12/06	ug/l	<	0.007
HENNEPIN	UMIS	450624093220501	29	URBAN	07/13/06	ug/l	<	0.007
HENNEPIN	UMIS	450636093211501	270	OTHER	11/18/04	ug/l	<	0.007
HENNEPIN	UMIS	450702093185101	24	URBAN	07/11/06	ug/l	<	0.007
HENNEPIN	UMIS	450704093210401	24.25	URBAN	07/11/06	ug/l	<	0.007
HENNEPIN	UMIS	450709093251701	157	OTHER	11/29/04	ug/l	<	0.007
RAMSEY	UMIS	450236092595101	513	OTHER	11/17/04	ug/l	<	0.007
SHERBURN	UMIS	451730093423001	15	AG	08/12/06	ug/l	E	0.0061
SHERBURN	UMIS	451811093445601	19	AG	07/22/06	ug/l	--	0.0652
SHERBURN	UMIS	451822093413201	30	AG	07/22/06	ug/l	--	0.0102
SHERBURN	UMIS	451835093400401	11.8	AG	07/24/06	ug/l	--	0.0088
SHERBURN	UMIS	451915093463901	28.2	AG	07/27/06	ug/l	--	0.0572
SHERBURN	UMIS	451921093445101	8	AG	08/11/06	ug/l	<	0.007
SHERBURN	UMIS	451924093474601	35	AG	08/02/02	ug/l	--	0.224
SHERBURN	UMIS	451924093474601	35	AG	08/02/05	ug/l	--	0.138
SHERBURN	UMIS	451924093474601	35	AG	07/26/06	ug/l	--	0.218
SHERBURN	UMIS	451953093484901	43	AG	08/16/06	ug/l	--	0.0164
SHERBURN	UMIS	451957093483201	49	AG	07/26/06	ug/l	--	0.0136
SHERBURN	UMIS	452012093412701	23.5	AG	08/14/06	ug/l	<	0.007
SHERBURN	UMIS	452030093511403	22.5	AG	08/08/06	ug/l	--	0.0692
SHERBURN	UMIS	452036093423701	9	AG	07/11/02	ug/l	<	0.007
SHERBURN	UMIS	452036093423701	9	AG	07/06/05	ug/l	E	0.0061
SHERBURN	UMIS	452036093423701	9	AG	08/12/06	ug/l	--	0.0078
SHERBURN	UMIS	452040093463101	24.2	AG	07/30/02	ug/l	--	0.0242
SHERBURN	UMIS	452040093463101	24.2	AG	07/06/05	ug/l	--	0.0237
SHERBURN	UMIS	452040093463101	24.2	AG	08/17/06	ug/l	--	0.0184
SHERBURN	UMIS	452111093523402	41	AG	08/17/06	ug/l	--	0.113
SHERBURN	UMIS	452215093481001	26	AG	08/17/06	ug/l	E	0.007
SHERBURN	UMIS	452223093521801	45.5	AG	07/27/06	ug/l	--	0.0085
SHERBURN	UMIS	452229093525801	60	AG	07/25/06	ug/l	--	0.038
SHERBURN	UMIS	452324093541601	34	AG	07/25/06	ug/l	--	0.0087
SHERBURN	UMIS	452335093504501	18	AG	08/16/06	ug/l	--	0.0308
SHERBURN	UMIS	452350093510301	63	AG	08/16/06	ug/l	--	0.0078
SHERBURN	UMIS	452408093553002	43	AG	08/14/06	ug/l	--	0.0726
SHERBURN	UMIS	452413093540701	22.5	AG	06/29/06	ug/l	--	0.0228
SHERBURN	UMIS	452428093591601	20.5	AG	08/01/02	ug/l	--	0.0332
SHERBURN	UMIS	452428093591601	20.5	AG	07/08/05	ug/l	E	0.0204
SHERBURN	UMIS	452428093591601	20.5	AG	08/09/06	ug/l	--	0.0181
SHERBURN	UMIS	452543093544801	57	AG	08/10/06	ug/l	<	0.007
SHERBURN	UMIS	452545093571002	36.2	AG	08/09/06	ug/l	--	0.0117
SHERBURN	UMIS	452609093553001	15.5	AG	08/01/02	ug/l	E	0.0033
SHERBURN	UMIS	452609093553001	15.5	AG	07/08/05	ug/l	<	0.007
SHERBURN	UMIS	452609093553001	15.5	AG	08/15/06	ug/l	E	0.0046
SHERBURN	UMIS	452610093553001	11.5	AG	08/10/06	ug/l	E	0.0054
SHERBURN	UMIS	452711093565501	14.5	AG	08/11/06	ug/l	--	0.0255
SHERBURN	UMIS	452720093552203	26.45	AG	08/15/06	ug/l	--	0.0533
WRIGHT	UMIS	451753093434801	24.5	AG	06/29/06	ug/l	<	0.007
WRIGHT	UMIS	451817093473601	250	OTHER	12/08/04	ug/l	<	0.007

*Remarks: < = nondetection; -- = detection; E = estimated detection

APPENDIX 5 Atrazine Results from Private Wells, Dakota County Ambient Groundwater Quality Study Dakota County, Minnesota, 2001-2006

SiteID	Sample Date	Year	Atrazine (ppb)	Qualifer	Reporting Limit
1	05/23/05	2005	0	nd	0.025
1	12/12/05	2005	0	nd	0.025
1	06/12/06	2006	0.6	det	0.025
2	05/23/05	2005	0	nd	0.025
2	12/12/05	2005	0	nd	0.025
2	06/12/06	2006	0.03	det	0.025
3	05/23/05	2005	0	nd	0.025
3	12/12/05	2005	0	nd	0.025
3	06/12/06	2006	0.03	det	0.025
4	05/23/05	2005	0	nd	0.025
4	12/12/05	2005	0	nd	0.025
4	06/12/06	2006	0	nd	0.025
5	05/23/05	2005	0	nd	0.025
5	12/12/05	2005	0	nd	0.025
5	06/12/06	2006	0	nd	0.025
6	05/23/05	2005	0	nd	0.025
6	12/12/05	2005	0	nd	0.025
6	06/12/06	2006	0	nd	0.025
7	05/23/05	2005	0	nd	0.025
7	12/12/05	2005	0	nd	0.025
7	06/12/06	2006	0	nd	0.025
8	05/23/05	2005	0	nd	0.025
8	12/12/05	2005	0	nd	0.025
8	06/12/06	2006	0	nd	0.025
9	05/23/05	2005	0	nd	0.025
9	12/12/05	2005	0	nd	0.025
9	06/12/06	2006	0	nd	0.025
10	05/23/05	2005	0	nd	0.025
10	12/12/05	2005	0.05	det	0.025
10	06/12/06	2006	0	nd	0.025
11	05/23/05	2005	0	nd	0.025
11	12/12/05	2005	0	nd	0.025
11	06/12/06	2006	0	nd	0.025
12	05/23/05	2005	0	nd	0.025
12	12/12/05	2005	0	nd	0.025
12	06/12/06	2006	0	nd	0.025
13	05/23/05	2005	0	nd	0.025
13	12/12/05	2005	0	nd	0.025
13	06/12/06	2006	0	nd	0.025
14	05/23/05	2005	0	nd	0.025
14	12/12/05	2005	0	nd	0.025
14	06/12/06	2006	0	nd	0.025
15	05/23/05	2005	0	nd	0.025
15	12/12/05	2005	0	nd	0.025
15	06/12/06	2006	0	nd	0.025
16	05/23/05	2005	0	nd	0.025
16	12/12/05	2005	0.06	det	0.025
16	06/12/06	2006	0	nd	0.025
17	05/23/05	2005	0	nd	0.025
17	12/12/05	2005	0.05	det	0.025
17	06/12/06	2006	0	nd	0.025
18	05/23/05	2005	0	nd	0.025
18	12/13/05	2005	0	nd	0.025
18	06/12/06	2006	0	nd	0.025
19	05/24/05	2005	0	nd	0.025
19	12/13/05	2005	0	nd	0.025
19	06/12/06	2006	0	nd	0.025
20	05/23/05	2005	0	nd	0.025
20	12/13/05	2005	0	nd	0.025
20	06/12/06	2006	0	nd	0.025

SiteID	Sample Date	Year	Atrazine (ppb)	Qualifer	Reporting Limit
21	05/23/05	2005	0.04	det	0.025
21	12/13/05	2005	0	nd	0.025
21	06/12/06	2006	0	nd	0.025
22	05/23/05	2005	0	nd	0.025
22	12/13/05	2005	0	nd	0.025
22	06/12/06	2006	0.08	det	0.025
23	05/23/05	2005	0.39	det	0.025
23	12/13/05	2005	0	nd	0.025
23	06/12/06	2006	0	nd	0.025
24	05/23/05	2005	0	nd	0.025
24	12/13/05	2005	0	nd	0.025
24	06/12/06	2006	0	nd	0.025
25	05/23/05	2005	0.13	det	0.025
25	12/12/05	2005	0.04	det	0.025
25	06/12/06	2006	0	nd	0.025
26	05/23/05	2005	0	nd	0.025
26	12/12/05	2005	0	nd	0.025
26	06/12/06	2006	0	nd	0.025
27	05/23/05	2005	0	nd	0.025
27	12/12/05	2005	0	nd	0.025
27	06/12/06	2006	0	nd	0.025
28	05/23/05	2005	0.21	det	0.025
28	12/12/05	2005	0	nd	0.025
28	06/12/06	2006	0	nd	0.025
29	05/23/05	2005	0.3	det	0.025
29	06/12/06	2006	0	nd	0.025
30	05/23/05	2005	0.17	det	0.025
30	06/12/06	2006	0	nd	0.025
31	05/23/05	2005	0.06	det	0.025
31	06/12/06	2006	0.11	det	0.025
32	05/23/05	2005	0	nd	0.025
32	06/13/06	2006	0	nd	0.025
33	05/23/05	2005	0.16	det	0.025
33	06/12/06	2006	0	nd	0.025
34	05/23/05	2005	0	nd	0.025
34	06/12/06	2006	0	nd	0.025
35	05/23/05	2005	0	nd	0.025
35	06/12/06	2006	0	nd	0.025
36	05/23/05	2005	0	nd	0.025
36	06/12/06	2006	0	nd	0.025
37	05/23/05	2005	0.05	det	0.025
37	06/12/06	2006	0.15	det	0.025
38	05/23/05	2005	0	nd	0.025
38	06/12/06	2006	0.07	det	0.025
39	05/23/05	2005	0	nd	0.025
39	06/13/06	2006	0.06	det	0.025
40	05/23/05	2005	0	nd	0.025
40	06/13/06	2006	0	nd	0.025
41	05/23/05	2005	0	nd	0.025
41	06/13/06	2006	0.03	det	0.025
42	05/23/05	2005	0	nd	0.025
42	06/13/06	2006	0	nd	0.025
43	05/23/05	2005	0.04	det	0.025
43	06/13/06	2006	0.28	det	0.025
44	05/23/05	2005	0.1	det	0.025
44	06/13/06	2006	0.04	det	0.025
45	05/23/05	2005	0.11	det	0.025
45	06/13/06	2006	0.05	det	0.025
46	05/23/05	2005	0.03	det	0.025
46	06/12/06	2006	0.08	det	0.025

SiteID	Sample Date	Year	Atrazine (ppb)	Qualifer	Reporting Limit
47	05/23/05	2005	0	nd	0.025
47	06/12/06	2006	0	nd	0.025
48	05/23/05	2005	0	nd	0.025
48	06/12/06	2006	0	nd	0.025
49	05/23/05	2005	0	nd	0.025
49	06/13/06	2006	0.04	det	0.025
50	05/23/05	2005	0	nd	0.025
50	06/12/06	2006	0	nd	0.025
51	05/23/05	2005	0	nd	0.025
51	06/12/06	2006	0.06	det	0.025
52	05/23/05	2005	0.04	det	0.025
52	06/12/06	2006	0	nd	0.025
53	05/23/05	2005	0	nd	0.025
53	06/12/06	2006	0.15	det	0.025
54	05/23/05	2005	0.06	det	0.025
54	06/13/06	2006	0.03	det	0.025
55	05/23/05	2005	0.06	det	0.025
55	06/13/06	2006	0	nd	0.025
56	05/23/05	2005	0	nd	0.025
56	06/13/06	2006	0	nd	0.025
57	05/24/05	2005	0.07	det	0.025
57	06/13/06	2006	0	nd	0.025
58	05/24/05	2005	0.06	det	0.025
58	06/13/06	2006	0.04	det	0.025
59	05/24/05	2005	0	nd	0.025
59	06/13/06	2006	0.04	det	0.025
60	05/24/05	2005	0.07	det	0.025
60	06/12/06	2006	0	nd	0.025
61	05/24/05	2005	0.07	det	0.025
61	06/12/06	2006	0	nd	0.025
62	05/24/05	2005	0.09	det	0.025
62	06/12/06	2006	0	nd	0.025
63	05/24/05	2005	0.03	det	0.025
63	06/12/06	2006	0.09	det	0.025
64	05/24/05	2005	0.3	det	0.025
64	06/13/06	2006	0	nd	0.025
65	05/24/05	2005	0.04	det	0.025
65	06/13/06	2006	0	nd	0.025
66	05/24/05	2005	0.03	det	0.025
66	06/13/06	2006	0.05	det	0.025
67	05/24/05	2005	0.03	det	0.025
67	06/13/06	2006	0.04	det	0.025
68	05/20/05	2005	0	nd	0.025
68	06/13/06	2006	0.04	det	0.025
69	05/20/05	2005	0	nd	0.025
69	06/13/06	2006	0.07	det	0.025
70	05/20/05	2005	0	nd	0.025
70	06/13/06	2006	0.07	det	0.025
71	05/20/05	2005	0	nd	0.025
71	06/13/06	2006	0.08	det	0.025
72	05/20/05	2005	0.1	det	0.025
72	06/12/06	2006	0.14	det	0.025
73	05/20/05	2005	0.03	det	0.025
73	06/13/06	2006	0	nd	0.025
101026	06/19/01	2001	0.06	det	0.05
101026	10/09/02	2002	0.07	det	0.05
101026	09/30/03	2003	0.06	det	0.05
101026	09/21/04	2004	0.04	det	0.025
104111	06/18/01	2001	0	nd	0.05
104111	10/09/02	2002	0	nd	0.05

SiteID	Sample Date	Year	Atrazine (ppb)	Qualifer	Reporting Limit
104111	09/29/03	2003	0	nd	0.05
104302	09/21/04	2004	0	nd	0.025
104317	10/09/02	2002	0.43	det	0.05
104317	09/30/03	2003	0.37	det	0.05
104334	09/21/04	2004	0.06	det	0.025
104343	06/20/01	2001	0.06	det	0.05
104343	10/08/02	2002	0.08	det	0.05
104343	09/29/03	2003	0.08	det	0.05
119667	06/18/01	2001	0	nd	0.05
119667	10/08/02	2002	0	nd	0.05
119667	09/29/03	2003	0	nd	0.05
121026	10/08/02	2002	0	nd	0.05
121026	09/29/03	2003	0	nd	0.05
136492	06/18/01	2001	0.05	det	0.05
136492	10/09/02	2002	0.06	det	0.05
136492	09/30/03	2003	0	nd	0.05
141811	10/09/02	2002	0	nd	0.05
141811	09/30/03	2003	0	nd	0.05
142462	06/19/01	2001	0	nd	0.05
142462	10/09/02	2002	0	nd	0.05
142462	09/29/03	2003	0	nd	0.05
145845	06/19/01	2001	0.2	det	0.05
145845	10/08/02	2002	0.22	det	0.05
145845	09/29/03	2003	0.19	det	0.05
164689	10/09/02	2002	0	nd	0.05
164689	09/30/03	2003	0	nd	0.05
185936	10/08/02	2002	0	nd	0.05
185936	09/30/03	2003	0	nd	0.05
185938	09/21/04	2004	0	nd	0.025
186318	10/08/02	2002	0.23	det	0.05
186318	09/29/03	2003	0	nd	0.05
195723	09/20/04	2004	0	nd	0.025
198327	10/09/02	2002	0	nd	0.05
198327	09/30/03	2003	0	nd	0.05
198340	09/20/04	2004	0	nd	0.025
198343	09/20/04	2004	0	nd	0.025
207057	09/20/04	2004	0	nd	0.025
208341	10/09/02	2002	0	nd	0.05
208341	09/30/03	2003	0	nd	0.05
402559	09/20/04	2004	0.27	det	0.025
402593	10/08/02	2002	0	nd	0.05
402593	09/29/03	2003	0	nd	0.05
404668	06/18/01	2001	0	nd	0.05
404668	10/08/02	2002	0	nd	0.05
404668	09/29/03	2003	0	nd	0.05
410918	09/21/04	2004	0	nd	0.025
416004	09/20/04	2004	0	nd	0.025
418684	10/09/02	2002	0	nd	0.05
418684	09/30/03	2003	0	nd	0.05
424910	10/08/02	2002	0	nd	0.05
424910	09/30/03	2003	0	nd	0.05
426379	06/19/01	2001	0.21	det	0.05
426379	10/08/02	2002	0.23	det	0.05
426379	09/29/03	2003	0.16	det	0.05
441940	06/18/01	2001	0	nd	0.05
441940	10/09/02	2002	0	nd	0.05
441940	09/30/03	2003	0	nd	0.05
443907	06/19/01	2001	0	nd	0.05
443907	10/09/02	2002	0	nd	0.05
443907	09/30/03	2003	0	nd	0.05

SiteID	Sample Date	Year	Atrazine (ppb)	Qualifer	Reporting Limit
443907	09/20/04	2004	0.03	det	0.025
443920	10/08/02	2002	0	nd	0.05
443920	09/29/03	2003	0	nd	0.05
451618	10/08/02	2002	0	nd	0.05
451618	09/29/03	2003	0	nd	0.05
466760	10/09/02	2002	0	nd	0.05
466760	09/30/03	2003	0	nd	0.05
466817	09/20/04	2004	0	nd	0.025
474629	10/08/02	2002	0	nd	0.05
474629	09/29/03	2003	0	nd	0.05
479108	10/08/02	2002	0	nd	0.05
479108	09/29/03	2003	0	nd	0.05
493400	10/08/02	2002	0	nd	0.05
493400	09/29/03	2003	0	nd	0.05
495104	10/09/02	2002	0	nd	0.05
495104	09/30/03	2003	0	nd	0.05
525480	06/19/01	2001	0	nd	0.05
525480	10/09/02	2002	0	nd	0.05
525480	09/30/03	2003	0	nd	0.05
532077	10/09/02	2002	0	nd	0.05
532077	09/30/03	2003	0	nd	0.05
540367	06/19/01	2001	0	nd	0.05
540367	10/09/02	2002	0	nd	0.05
540367	09/30/03	2003	0	nd	0.05
542266	10/08/02	2002	0	nd	0.05
542266	09/29/03	2003	0	nd	0.05
554735	10/09/02	2002	0	nd	0.05
554735	09/30/03	2003	0	nd	0.05
566102	10/20/04	2004	0	nd	0.025
573819	09/20/04	2004	0	nd	0.025
573847	10/09/02	2002	0	nd	0.05
573847	09/30/03	2003	0	nd	0.05
587558	10/08/02	2002	0	nd	0.05
587558	09/29/03	2003	0	nd	0.05
650743	09/20/04	2004	0	nd	0.025
W00348	06/19/01	2001	0.22	det	0.05
W00348	10/08/02	2002	0	nd	0.05
W00348	09/29/03	2003	0.24	det	0.05
W00565	10/09/02	2002	0	nd	0.05
W00565	09/30/03	2003	0	nd	0.05
W00954	06/18/01	2001	0.09	det	0.05
W00954	10/09/02	2002	0.09	det	0.05
W00954	09/29/03	2003	0.09	det	0.05
W05169	06/19/01	2001	0.09	det	0.05
W05169	10/09/02	2002	0.08	det	0.05
W05169	09/29/03	2003	0.07	det	0.05
W05170	06/18/01	2001	0.1	det	0.05
W05170	10/08/02	2002	0.11	det	0.05
W05170	09/29/03	2003	0	nd	0.05
W05266	09/20/04	2004	0	nd	0.025
W05267	09/20/04	2004	0.13	det	0.025
W05268	09/21/04	2004	0	nd	0.025
W05269	09/20/04	2004	0.41	det	0.025
W05270	09/21/04	2004	0.03	det	0.025
W05272	09/21/04	2004	0.09	det	0.025
W05273	09/20/04	2004	0.03	det	0.025
W05274	09/20/04	2004	0	nd	0.025
W05276	09/20/04	2004	0.03	det	0.025
W05976	06/19/01	2001	0.17	det	0.05
W05976	10/08/02	2002	0.19	det	0.05
W05976	09/29/03	2003	0.14	det	0.05

APPENDIX 6 Atrazine Results from Grab and Composite Samples Surface Water Monitoring Network Minnesota Department of Agriculture, 2001-2006

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
1	1	BDS	Bois de Sioux River	G	06/06/05	0.17	det	0.05
1	1	BDS	Bois de Sioux River	G	06/27/05	0.7	det	0.05
1	1	BDS	Bois de Sioux River	G	07/11/05	0.83	det	0.05
1	1	BDS	Bois de Sioux River	G	05/30/06	0.13	det	0.05
1	1	BDS	Bois de Sioux River	G	06/12/06	0.14	det	0.05
1	1	BDS	Bois de Sioux River	G	06/26/06	0.16	det	0.05
1	1	BDS	Bois de Sioux River	G	07/03/06	0.15	det	0.05
1	8	BF1	Buffalo Creek-Brownton	G	05/20/05	0.025	P	0.05
1	8	BF1	Buffalo Creek-Brownton	G	06/09/05	0.99	det	0.05
1	8	BF1	Buffalo Creek-Brownton	G	06/30/05	0.19	det	0.05
1	8	BF1	Buffalo Creek-Brownton	G	07/13/05	0.11	det	0.05
1	8	BF1	Buffalo Creek-Brownton	G	05/26/06	0.025	P	0.05
1	8	BF1	Buffalo Creek-Brownton	G	06/14/06	0.14	det	0.05
1	8	BF1	Buffalo Creek-Brownton	G	06/19/06	0.64	det	0.05
1	8	BF1	Buffalo Creek-Brownton	G	07/17/06	0.07	det	0.05
1	1	BU1	Buffalo River - Dilworth	G	05/24/04	0.09	det	0.05
1	1	BU1	Buffalo River - Dilworth	G	06/01/04	0.16	det	0.05
1	1	BU1	Buffalo River - Dilworth	G	06/28/04	0.07	det	0.05
1	1	BU1	Buffalo River - Dilworth	G	07/07/04	0.07	det	0.05
1	1	BU1	Buffalo River - Dilworth	G	05/24/05	0.025	P	0.05
1	1	BU1	Buffalo River - Dilworth	G	06/07/05	0.025	P	0.05
1	1	BU1	Buffalo River - Dilworth	G	06/27/05	0.08	det	0.05
1	1	BU1	Buffalo River - Dilworth	G	07/11/05	0.13	det	0.05
1	1	BU1	Buffalo River - Dilworth	G	05/30/06	0	nd	0.05
1	1	BU1	Buffalo River - Dilworth	G	06/06/06	0.07	det	0.05
1	1	BU1	Buffalo River - Dilworth	G	06/26/06	0.05	det	0.05
1	1	BU1	Buffalo River - Dilworth	G	07/17/06	0.025	P	0.05
1	9	CR1	Cedar River-Austin	G	05/31/05	0.08	det	0.05
1	9	CR1	Cedar River-Austin	G	06/09/05	2.17	det	0.05
1	9	CR1	Cedar River-Austin	G	06/28/05	0.57	det	0.05
1	9	CR1	Cedar River-Austin	G	07/13/05	0.09	det	0.05
1	9	CR1	Cedar River-Austin	G	05/31/06	0.11	det	0.05
1	9	CR1	Cedar River-Austin	G	06/12/06	0.56	det	0.05
1	9	CR1	Cedar River-Austin	G	06/27/06	0.1	det	0.05
1	9	CR1	Cedar River-Austin	G	07/13/06	0.025	P	0.05
1	9	CR1	Cedar River-Austin	G	08/25/06	0.05	det	0.05
1	9	CR1	Cedar River-Austin	G	08/25/06	0.05	det	0.05
1	9	CVC	Cedar Valley Creek	G	05/31/05	0.025	P	0.05
1	9	CVC	Cedar Valley Creek	G	06/14/05	0.025	P	0.05
1	9	CVC	Cedar Valley Creek	G	06/30/05	0.025	P	0.05
1	9	CVC	Cedar Valley Creek	G	07/13/05	0.025	P	0.05
1	9	CVC	Cedar Valley Creek	G	05/25/06	0.025	P	0.05
1	9	CVC	Cedar Valley Creek	G	06/15/06	0.025	P	0.05
1	9	CVC	Cedar Valley Creek	G	06/28/06	0.025	P	0.05
1	9	CVC	Cedar Valley Creek	G	07/15/06	0	nd	0.05
1	7	CP1	Chippewa River-Milan	G	06/02/04	0.11	det	0.05
1	7	CP1	Chippewa River-Milan	G	06/30/04	0.13	det	0.05
1	7	CP1	Chippewa River-Milan	G	07/08/04	0.11	det	0.05
1	7	CP1	Chippewa River-Milan	G	07/15/04	0.11	det	0.05
1	7	CP1	Chippewa River-Milan	G	05/27/05	0.07	det	0.05
1	7	CP1	Chippewa River-Milan	G	06/08/05	3.2	det	0.05
1	7	CP1	Chippewa River-Milan	G	06/30/05	0.35	det	0.05
1	7	CP1	Chippewa River-Milan	G	07/11/05	0.28	det	0.05
1	7	CP1	Chippewa River-Milan	G	05/31/06	0.025	P	0.05
1	7	CP1	Chippewa River-Milan	G	06/15/06	0.12	det	0.05
1	7	CP1	Chippewa River-Milan	G	06/29/06	0.1	det	0.05
1	7	CP1	Chippewa River-Milan	G	07/12/06	0.05	det	0.05
1	6	CP9	Chippewa-East Branch	G	05/27/05	0.1	det	0.05
1	6	CP9	Chippewa-East Branch	G	06/08/05	0.75	det	0.05
1	6	CP9	Chippewa-East Branch	G	06/30/05	0.33	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
1	6	CP9	Chippewa-East Branch	G	07/11/05	0.18	det	0.05
1	6	CP9	Chippewa-East Branch	G	05/31/06	0.025	P	0.05
1	6	CP9	Chippewa-East Branch	G	06/15/06	0.025	P	0.05
1	6	CP9	Chippewa-East Branch	G	06/29/06	0.025	P	0.05
1	6	CP9	Chippewa-East Branch	G	07/12/06	0.025	P	0.05
1	8	CT1	Cottonwood River-New Ulm	G	05/24/05	0.07	det	0.05
1	8	CT1	Cottonwood River-New Ulm	G	06/08/05	0.29	det	0.05
1	8	CT1	Cottonwood River-New Ulm	G	06/27/05	0.12	det	0.05
1	8	CT1	Cottonwood River-New Ulm	G	07/05/05	0.08	det	0.05
1	8	CT1	Cottonwood River-New Ulm	G	05/30/06	0.025	P	0.05
1	8	CT1	Cottonwood River-New Ulm	G	06/12/06	1.39	det	0.05
1	8	CT1	Cottonwood River-New Ulm	G	06/27/06	0.24	det	0.05
1	8	CT1	Cottonwood River-New Ulm	G	07/10/06	0.05	det	0.05
1	8	CSC	Crow River-South Fork-Cosmos	G	05/20/05	0.025	P	0.05
1	8	CSC	Crow River-South Fork-Cosmos	G	06/09/05	0.27	det	0.05
1	8	CSC	Crow River-South Fork-Cosmos	G	06/30/05	0.13	det	0.05
1	8	CSC	Crow River-South Fork-Cosmos	G	07/13/05	0.12	det	0.05
1	8	CSC	Crow River-South Fork-Cosmos	G	05/26/06	0.025	P	0.05
1	8	CSC	Crow River-South Fork-Cosmos	G	06/14/06	0.15	det	0.05
1	8	CSC	Crow River-South Fork-Cosmos	G	06/19/06	0.19	det	0.05
1	8	CSC	Crow River-South Fork-Cosmos	G	07/17/06	0.1	det	0.05
1	10	CSM	Crow River-South Fork-Mayer	G	05/17/05	0.06	det	0.05
1	10	CSM	Crow River-South Fork-Mayer	G	06/08/05	0.83	det	0.05
1	10	CSM	Crow River-South Fork-Mayer	G	06/28/05	0.58	det	0.05
1	10	CSM	Crow River-South Fork-Mayer	G	07/13/05	0.15	det	0.05
1	10	CSM	Crow River-South Fork-Mayer	G	05/31/06	0.09	det	0.05
1	10	CSM	Crow River-South Fork-Mayer	G	06/28/06	0.16	det	0.05
1	10	CSM	Crow River-South Fork-Mayer	G	07/19/06	0.11	det	0.05
1	8	DM1	Des Moines River-West Fork	G	05/20/04	0.15	det	0.05
1	8	DM1	Des Moines River-West Fork	G	06/01/04	0.43	det	0.05
1	8	DM1	Des Moines River-West Fork	G	06/21/04	1.85	det	0.05
1	8	DM1	Des Moines River-West Fork	G	07/08/04	0.49	det	0.05
1	8	DM1	Des Moines River-West Fork	G	05/25/05	0.08	det	0.05
1	8	DM1	Des Moines River-West Fork	G	06/14/05	0.19	det	0.05
1	8	DM1	Des Moines River-West Fork	G	06/29/05	0.61	det	0.05
1	8	DM1	Des Moines River-West Fork	G	07/12/05	0.12	det	0.05
1	8	DM1	Des Moines River-West Fork	G	05/30/06	0.025	P	0.05
1	8	DM1	Des Moines River-West Fork	G	06/12/06	0.08	det	0.05
1	8	DM1	Des Moines River-West Fork	G	06/19/06	0.07	det	0.05
1	8	DM1	Des Moines River-West Fork	G	07/10/06	0.07	det	0.05
1	4	EB1	Elk River-Big Lake	G	05/23/05	0.18	det	0.05
1	4	EB1	Elk River-Big Lake	G	06/14/05	1.08	det	0.05
1	4	EB1	Elk River-Big Lake	G	06/25/05	0.73	det	0.05
1	4	EB1	Elk River-Big Lake	G	07/13/05	0.26	det	0.05
1	4	EB1	Elk River-Big Lake	G	05/31/06	0.3	det	0.05
1	4	EB1	Elk River-Big Lake	G	06/15/06	0.35	det	0.05
1	4	EB1	Elk River-Big Lake	G	06/28/06	0.16	det	0.05
1	4	EB1	Elk River-Big Lake	G	07/15/06	0.08	det	0.05
1	9	GAB	Garvin Brook	G	05/31/05	0.025	P	0.05
1	9	GAB	Garvin Brook	G	06/14/05	0.05	det	0.05
1	9	GAB	Garvin Brook	G	06/30/05	0.025	P	0.05
1	9	GAB	Garvin Brook	G	07/13/05	0.05	det	0.05
1	9	GAB	Garvin Brook	G	05/31/06	0.025	P	0.05
1	9	GAB	Garvin Brook	G	06/15/06	0	nd	0.05
1	9	GAB	Garvin Brook	G	06/29/06	0.06	det	0.05
1	9	GAB	Garvin Brook	G	07/15/06	0.05	det	0.05
1	1	GM1	Grand Marais Creek	G	05/24/04	0.09	det	0.05
1	1	GM1	Grand Marais Creek	G	06/01/04	0.07	det	0.05
1	1	GM1	Grand Marais Creek	G	06/28/04	0.07	det	0.05
1	1	GM1	Grand Marais Creek	G	07/07/04	0.025	P	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
1	1	GM1	Grand Marais Creek	G	05/24/05	0.025	P	0.05
1	1	GM1	Grand Marais Creek	G	06/07/05	0.025	P	0.05
1	1	GM1	Grand Marais Creek	G	06/28/05	0	nd	0.05
1	1	GM1	Grand Marais Creek	G	07/12/05	0.025	P	0.05
1	1	GM1	Grand Marais Creek	G	05/23/06	0	nd	0.05
1	1	GM1	Grand Marais Creek	G	06/12/06	0	nd	0.05
1	4	LE1	Leaf River-Aldrich	G	05/30/05	0.025	P	0.05
1	4	LE1	Leaf River-Aldrich	G	06/10/05	0.05	det	0.05
1	4	LE1	Leaf River-Aldrich	G	06/25/05	0.05	det	0.05
1	4	LE1	Leaf River-Aldrich	G	07/11/05	0.025	P	0.05
1	4	LE1	Leaf River-Aldrich	G	05/24/06	0.025	P	0.05
1	4	LE1	Leaf River-Aldrich	G	06/06/06	0.025	P	0.05
1	4	LE1	Leaf River-Aldrich	G	06/28/06	0.025	P	0.05
1	4	LE1	Leaf River-Aldrich	G	07/18/06	0	nd	0.05
1	8	LC1	Little Cottonwood River	G	05/27/05	0.05	det	0.05
1	8	LC1	Little Cottonwood River	G	06/10/05	0.2	det	0.05
1	8	LC1	Little Cottonwood River	G	06/22/05	0.82	det	0.05
1	8	LC1	Little Cottonwood River	G	07/13/05	0.16	det	0.05
1	8	LC1	Little Cottonwood River	G	05/31/06	0.05	det	0.05
1	8	LC1	Little Cottonwood River	G	06/12/06	1.5	det	0.05
1	8	LC1	Little Cottonwood River	G	06/19/06	0.33	det	0.05
1	8	LC1	Little Cottonwood River	G	07/14/06	0.05	det	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	05/28/04	0.025	P	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	06/15/04	0.08	det	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	06/22/04	0.05	det	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	07/14/04	0.06	det	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	05/30/05	0.05	det	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	06/15/05	0.08	det	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	06/30/05	0.24	det	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	07/11/05	0.08	det	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	05/24/06	0.025	P	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	06/06/06	0.08	det	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	06/28/06	0.05	det	0.05
1	4	LP2	Long Prairie River-Long Prairie	G	07/18/06	0.025	P	0.05
1	6	MN1	Minnesota River-Montevideo	G	06/02/04	0.14	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	06/30/04	0.26	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	07/08/04	0.19	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	07/15/04	0.18	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	05/27/05	0.06	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	06/08/05	0.21	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	06/30/05	0.53	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	07/11/05	0.6	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	05/31/06	0.06	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	06/15/06	0.09	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	06/29/06	0.1	det	0.05
1	6	MN1	Minnesota River-Montevideo	G	07/12/06	0.07	det	0.05
1	9	PIN	Pine Creek	G	05/20/05	0.05	det	0.05
1	9	PIN	Pine Creek	G	06/08/05	0.06	det	0.05
1	9	PIN	Pine Creek	G	06/28/05	0.06	det	0.05
1	9	PIN	Pine Creek	G	07/15/05	0.06	det	0.05
1	9	PIN	Pine Creek	G	05/26/06	0.1	det	0.05
1	9	PIN	Pine Creek	G	06/08/06	0.025	P	0.05
1	9	PIN	Pine Creek	G	06/29/06	0.025	P	0.05
1	9	PIN	Pine Creek	G	07/16/06	0.025	P	0.05
1	4	PL1	Platte River-Rice	G	05/23/05	0.025	P	0.05
1	4	PL1	Platte River-Rice	G	06/13/05	0.13	det	0.05
1	4	PL1	Platte River-Rice	G	06/21/05	0.22	det	0.05
1	4	PL1	Platte River-Rice	G	07/12/05	0.12	det	0.05
1	4	PL1	Platte River-Rice	G	05/30/06	0.025	P	0.05
1	4	PL1	Platte River-Rice	G	06/14/06	0.05	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
1	4	PL1	Platte River-Rice	G	06/27/06	0.05	det	0.05
1	4	PL1	Platte River-Rice	G	07/15/06	0.025	P	0.05
1	8	RR1	Redwood River-Redwood Falls	G	05/24/05	0.025	P	0.05
1	8	RR1	Redwood River-Redwood Falls	G	06/08/05	0.09	det	0.05
1	8	RR1	Redwood River-Redwood Falls	G	06/27/05	0.34	det	0.05
1	8	RR1	Redwood River-Redwood Falls	G	07/05/05	0.13	det	0.05
1	8	RR1	Redwood River-Redwood Falls	G	05/30/06	0.025	P	0.05
1	8	RR1	Redwood River-Redwood Falls	G	06/12/06	0.025	P	0.05
1	8	RR1	Redwood River-Redwood Falls	G	06/27/06	0.17	det	0.05
1	8	RR1	Redwood River-Redwood Falls	G	07/10/06	0.025	P	0.05
1	7	RR2	Redwood River-Russell	G	05/24/05	0.07	det	0.05
1	7	RR2	Redwood River-Russell	G	06/08/05	0.68	det	0.05
1	7	RR2	Redwood River-Russell	G	06/27/05	0.48	det	0.05
1	7	RR2	Redwood River-Russell	G	07/05/05	0.2	det	0.05
1	7	RR2	Redwood River-Russell	G	05/30/06	0.025	P	0.05
1	7	RR2	Redwood River-Russell	G	06/12/06	0.07	det	0.05
1	7	RR2	Redwood River-Russell	G	06/27/06	0.05	det	0.05
1	7	RR2	Redwood River-Russell	G	07/10/06	0.025	P	0.05
1	7	RO1	Rock River	G	05/30/06	0.025	P	0.05
1	7	RO1	Rock River	G	06/12/06	0.07	det	0.05
1	7	RO1	Rock River	G	06/19/06	1.26	det	0.05
1	7	RO1	Rock River	G	07/10/06	0.06	det	0.05
1	10	SD	Sand Creek	G	01/02/01	0	nd	0.05
1	10	SD	Sand Creek	G	03/27/01	0	nd	0.05
1	10	SD	Sand Creek	C	04/02/01	0	nd	0.05
1	10	SD	Sand Creek	C	04/04/01	0	nd	0.05
1	10	SD	Sand Creek	G	04/09/01	0.05	det	0.05
1	10	SD	Sand Creek	C	04/10/01	0	nd	0.05
1	10	SD	Sand Creek	C	04/13/01	0	nd	0.05
1	10	SD	Sand Creek	C	04/23/01	0.07	det	0.05
1	10	SD	Sand Creek	C	05/03/01	0.09	det	0.05
1	10	SD	Sand Creek	C	05/21/01	0.23	det	0.05
1	10	SD	Sand Creek	G	05/25/01	0.09	det	0.05
1	10	SD	Sand Creek	C	06/13/01	0.7	det	0.05
1	10	SD	Sand Creek	G	06/18/01	0.27	det	0.05
1	10	SD	Sand Creek	C	06/19/01	0.2	det	0.05
1	10	SD	Sand Creek	G	07/10/01	0.09	det	0.05
1	10	SD	Sand Creek	G	09/05/01	0.025	P	0.05
1	10	SD	Sand Creek	G	11/15/01	0	nd	0.05
1	10	SD	Sand Creek	G	02/06/02	0	nd	0.05
1	10	SD	Sand Creek	G	03/29/02	0	nd	0.05
1	10	SD	Sand Creek	C	05/08/02	0.28	det	0.05
1	10	SD	Sand Creek	G	05/22/02	0.025	P	0.05
1	10	SD	Sand Creek	C	06/03/02	0.9	det	0.05
1	10	SD	Sand Creek	C	06/06/02	0.3	det	0.05
1	10	SD	Sand Creek	C	06/14/02	1.98	det	0.05
1	10	SD	Sand Creek	C	06/21/02	6.1	det	0.05
1	10	SD	Sand Creek	C	06/22/02	8	det	0.05
1	10	SD	Sand Creek	G	07/29/02	0.23	det	0.05
1	10	SD	Sand Creek	C	07/29/02	0.24	det	0.05
1	10	SD	Sand Creek	C	08/03/02	0.1	det	0.05
1	10	SD	Sand Creek	C	08/04/02	0.2	det	0.05
1	10	SD	Sand Creek	C	08/06/02	0.23	det	0.05
1	10	SD	Sand Creek	C	08/08/02	0.18	det	0.05
1	10	SD	Sand Creek	C	08/16/02	0.14	det	0.05
1	10	SD	Sand Creek	G	08/22/02	0.13	det	0.05
1	10	SD	Sand Creek	G	09/18/02	0.09	det	0.05
1	10	SD	Sand Creek	C	10/04/02	0.06	det	0.05
1	10	SD	Sand Creek	G	11/19/02	0	nd	0.05
1	10	SD	Sand Creek	C	05/21/04	0.29	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
1	10	SD	Sand Creek	C	06/01/04	0.4	det	0.05
1	10	SD	Sand Creek	C	07/12/04	0.24	det	0.05
1	10	SD	Sand Creek	C	05/23/05	0.09	det	0.05
1	10	SD	Sand Creek	C	06/15/05	1.36	det	0.05
1	10	SD	Sand Creek	C	06/23/05	1.01	det	0.05
1	10	SD	Sand Creek	G	07/13/05	0.17	det	0.05
1	10	SD	Sand Creek	G	05/30/06	0.025	P	0.05
1	10	SD	Sand Creek	G	06/12/06	0.15	det	0.05
1	10	SD	Sand Creek	C	06/20/06	0.45	det	0.05
1	10	SD	Sand Creek	G	07/14/06	0.05	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	05/18/04	0.08	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	05/28/04	0.08	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	06/14/04	0.05	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	06/28/04	0.2	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	07/14/04	0.16	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	05/23/05	0.05	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	06/15/05	0.33	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	06/25/05	0.25	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	07/13/05	0.12	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	05/30/06	0.025	P	0.05
1	4	SK1	Sauk River-St. Cloud	G	06/15/06	0.06	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	06/28/06	0.07	det	0.05
1	4	SK1	Sauk River-St. Cloud	G	07/15/06	0.025	P	0.05
1	6	S16	Shakopee Creek	G	05/27/05	0.05	det	0.05
1	6	S16	Shakopee Creek	G	06/08/05	1.73	det	0.05
1	6	S16	Shakopee Creek	G	06/30/05	0.24	det	0.05
1	6	S16	Shakopee Creek	G	07/11/05	0.2	det	0.05
1	6	S16	Shakopee Creek	G	05/31/06	0.025	P	0.05
1	6	S16	Shakopee Creek	G	06/15/06	0.025	P	0.05
1	6	S16	Shakopee Creek	G	06/29/06	0.06	det	0.05
1	6	S16	Shakopee Creek	G	07/12/06	0.025	P	0.05
1	1	SNA	Snake River	G	05/24/05	0.025	P	0.05
1	1	SNA	Snake River	G	06/07/05	0.025	P	0.05
1	1	SNA	Snake River	G	07/05/05	0.025	P	0.05
1	1	SNA	Snake River	G	07/12/05	0.025	P	0.05
1	1	SNA	Snake River	G	05/23/06	0	nd	0.05
1	1	SNA	Snake River	G	06/12/06	0	nd	0.05
1	1	SNA	Snake River	G	06/27/06	0	nd	0.05
1	1	SNA	Snake River	G	07/18/06	0	nd	0.05
1	8	SPR	Spring Brook	G	05/20/05	0.06	det	0.05
1	8	SPR	Spring Brook	G	06/08/05	0.65	det	0.05
1	8	SPR	Spring Brook	G	06/29/05	0.72	det	0.05
1	8	SPR	Spring Brook	G	07/15/05	0.025	P	0.05
1	8	SPR	Spring Brook	G	05/30/06	0.06	det	0.05
1	8	SPR	Spring Brook	G	06/14/06	0.09	det	0.05
1	8	SPR	Spring Brook	G	06/25/06	0.13	det	0.05
1	8	SPR	Spring Brook	G	07/15/06	0.05	det	0.05
1	8	SR1	Straight River-Faribault	G	05/31/06	0.025	P	0.05
1	8	SR1	Straight River-Faribault	G	06/12/06	1.73	det	0.05
1	8	SR1	Straight River-Faribault	G	06/27/06	0.18	det	0.05
1	8	SR1	Straight River-Faribault	G	07/13/06	0.09	det	0.05
1	7	TC4	Three Mile Creek-Green Valley	G	05/24/05	0.025	P	0.05
1	7	TC4	Three Mile Creek-Green Valley	G	06/08/05	0.73	det	0.05
1	7	TC4	Three Mile Creek-Green Valley	G	06/27/05	0.12	det	0.05
1	7	TC4	Three Mile Creek-Green Valley	G	07/05/05	0.06	det	0.05
1	7	TC4	Three Mile Creek-Green Valley	G	05/30/06	0.025	P	0.05
1	7	TC4	Three Mile Creek-Green Valley	G	06/12/06	0.13	det	0.05
1	7	TC4	Three Mile Creek-Green Valley	G	06/27/06	0.05	det	0.05
1	7	TC4	Three Mile Creek-Green Valley	G	07/10/06	0.025	P	0.05
1	10	TRO	Trout Brook	G	05/20/05	0.08	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
1	10	TRO	Trout Brook	G	06/08/05	0.1	det	0.05
1	10	TRO	Trout Brook	G	06/28/05	0.09	det	0.05
1	10	TRO	Trout Brook	G	07/15/05	0.08	det	0.05
1	10	TRO	Trout Brook	G	05/26/06	0.08	det	0.05
1	10	TRO	Trout Brook	G	06/08/06	0.05	det	0.05
1	10	TRO	Trout Brook	G	06/29/06	0.1	det	0.05
1	10	TRO	Trout Brook	G	07/16/06	0.07	det	0.05
1	10	VR1	Vermillion River-Farmington	G	05/31/05	0.025	P	0.05
1	10	VR1	Vermillion River-Farmington	G	06/09/05	0.84	det	0.05
1	10	VR1	Vermillion River-Farmington	G	06/28/05	0.15	det	0.05
1	10	VR1	Vermillion River-Farmington	G	07/13/05	0.025	P	0.05
1	10	VR1	Vermillion River-Farmington	G	05/31/06	0.025	P	0.05
1	10	VR1	Vermillion River-Farmington	G	06/08/06	0.05	det	0.05
1	10	VR1	Vermillion River-Farmington	G	06/27/06	0.15	det	0.05
1	10	VR1	Vermillion River-Farmington	G	07/13/06	0	nd	0.05
1	9	NBW	Whitewater River-North Branch	G	05/19/05	0.08	det	0.05
1	9	NBW	Whitewater River-North Branch	G	06/08/05	0.35	det	0.05
1	9	NBW	Whitewater River-North Branch	G	06/30/05	0.1	det	0.05
1	9	NBW	Whitewater River-North Branch	G	07/13/05	0.78	det	0.05
1	9	NBW	Whitewater River-North Branch	G	05/30/06	0.07	det	0.05
1	9	NBW	Whitewater River-North Branch	G	06/12/06	0.11	det	0.05
1	9	NBW	Whitewater River-North Branch	G	06/27/06	0.09	det	0.05
1	9	NBW	Whitewater River-North Branch	G	07/13/06	0.06	det	0.05
1	9	NBW	Whitewater River-North Branch	G	08/25/06	0.025	P	0.05
1	1	WR1	Wild Rice River	G	05/24/05	0.025	P	0.05
1	1	WR1	Wild Rice River	G	06/07/05	0.14	det	0.05
1	1	WR1	Wild Rice River	G	06/27/05	0.06	det	0.05
1	1	WR1	Wild Rice River	G	07/11/05	0.025	P	0.05
1	1	WR1	Wild Rice River	G	05/30/06	0.025	P	0.05
1	1	WR1	Wild Rice River	G	06/06/06	0.025	P	0.05
1	1	WR1	Wild Rice River	G	06/26/06	0.025	P	0.05
1	1	WR1	Wild Rice River	G	07/17/06	0.025	P	0.05
1	9	MFZ	Zumbro River-Middle Fork	G	05/26/05	0.1	det	0.05
1	9	MFZ	Zumbro River-Middle Fork	G	06/09/05	1.73	det	0.05
1	9	MFZ	Zumbro River-Middle Fork	G	06/30/05	1.06	det	0.05
1	9	MFZ	Zumbro River-Middle Fork	G	07/14/05	0.18	det	0.05
1	9	MFZ	Zumbro River-Middle Fork	G	05/25/06	0.07	det	0.05
1	9	MFZ	Zumbro River-Middle Fork	G	06/12/06	1.59	det	0.05
1	9	MFZ	Zumbro River-Middle Fork	G	06/26/06	0.63	det	0.05
1	9	MFZ	Zumbro River-Middle Fork	G	07/14/06	0.15	det	0.05
2	10	BV	Bevens Creek	G	01/02/01	0	nd	0.05
2	10	BV	Bevens Creek	G	02/26/01	0	nd	0.05
2	10	BV	Bevens Creek	G	03/27/01	0	nd	0.05
2	10	BV	Bevens Creek	C	04/02/01	0	nd	0.05
2	10	BV	Bevens Creek	C	04/04/01	0.06	det	0.05
2	10	BV	Bevens Creek	C	04/07/01	0	nd	0.05
2	10	BV	Bevens Creek	C	04/13/01	0	nd	0.05
2	10	BV	Bevens Creek	C	04/23/01	0	nd	0.05
2	10	BV	Bevens Creek	C	05/03/01	0.07	det	0.05
2	10	BV	Bevens Creek	C	05/20/01	0.14	det	0.05
2	10	BV	Bevens Creek	C	05/22/01	0.08	det	0.05
2	10	BV	Bevens Creek	C	06/13/01	1.33	det	0.05
2	10	BV	Bevens Creek	C	06/15/01	0.64	det	0.05
2	10	BV	Bevens Creek	C	06/18/01	0.59	det	0.05
2	10	BV	Bevens Creek	G	07/10/01	0.11	det	0.05
2	10	BV	Bevens Creek	G	09/05/01	0.025	P	0.05
2	10	BV	Bevens Creek	G	11/15/01	0	nd	0.05
2	10	BV	Bevens Creek	G	02/06/02	0	nd	0.05
2	10	BV	Bevens Creek	G	03/29/02	0	nd	0.05
2	10	BV	Bevens Creek	G	05/07/02	0.12	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
2	10	BV	Bevens Creek	C	05/08/02	0.29	det	0.05
2	10	BV	Bevens Creek	G	05/22/02	0.06	det	0.05
2	10	BV	Bevens Creek	C	06/05/02	1.11	det	0.05
2	10	BV	Bevens Creek	G	06/05/02	1.53	det	0.05
2	10	BV	Bevens Creek	C	06/20/02	9.1	det	0.05
2	10	BV	Bevens Creek	C	06/22/02	4.6	det	0.05
2	10	BV	Bevens Creek	C	07/28/02	0.37	det	0.05
2	10	BV	Bevens Creek	G	07/29/02	0.33	det	0.05
2	10	BV	Bevens Creek	C	08/03/02	0.26	det	0.05
2	10	BV	Bevens Creek	C	08/04/02	0.27	det	0.05
2	10	BV	Bevens Creek	C	08/06/02	0.22	det	0.05
2	10	BV	Bevens Creek	C	08/08/02	0.21	det	0.05
2	10	BV	Bevens Creek	C	08/16/02	0.14	det	0.05
2	10	BV	Bevens Creek	C	08/21/02	0.13	det	0.05
2	10	BV	Bevens Creek	G	09/18/02	0	nd	0.05
2	10	BV	Bevens Creek	C	10/04/02	0.07	det	0.05
2	10	BV	Bevens Creek	G	11/14/02	0	nd	0.05
2	10	BV	Bevens Creek	C	05/17/04	1.39	det	0.05
2	10	BV	Bevens Creek	C	06/01/04	0.59	det	0.05
2	10	BV	Bevens Creek	G	06/30/04	0.64	det	0.05
2	10	BV	Bevens Creek	C	07/12/04	0.68	det	0.05
2	10	BV	Bevens Creek	C	05/19/05	0.07	det	0.05
2	10	BV	Bevens Creek	C	06/09/05	3.12	det	0.05
2	10	BV	Bevens Creek	G	06/29/05	0.24	det	0.05
2	10	BV	Bevens Creek	G	07/13/05	0.12	det	0.05
2	10	BV	Bevens Creek	G	05/30/06	0.12	det	0.05
2	10	BV	Bevens Creek	G	06/12/06	0.1	det	0.05
2	10	BV	Bevens Creek	C	06/20/06	0.54	det	0.05
2	10	BV	Bevens Creek	G	06/22/06	0.23	det	0.05
2	10	BV	Bevens Creek	G	07/11/06	0.11	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	01/03/01	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	03/15/01	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	03/27/01	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/01/01	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/03/01	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/05/01	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/09/01	0.07	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/12/01	0.07	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/19/01	0.1	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/23/01	0.09	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/26/01	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	04/30/01	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/03/01	0.09	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/10/01	0.07	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	05/17/01	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	05/24/01	0.13	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/24/01	0.32	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/27/01	0.15	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/30/01	0.14	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/05/01	0.09	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/13/01	2.2	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/18/01	1.33	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/21/01	1.29	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/25/01	0.85	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/28/01	0.75	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	07/11/01	0.33	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	07/24/01	0.5	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	08/07/01	0.09	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	08/22/01	0.06	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	09/04/01	0.025	P	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
2	8	RD1	Blue Earth River - Rapidan Dam	G	10/18/01	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	11/19/01	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	11/26/01	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	12/18/01	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	01/22/02	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	02/27/02	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	03/19/02	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	05/01/02	0.05	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	05/21/02	0.07	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/03/02	0.84	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/03/02	0.92	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/12/02	2.87	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/14/02	2.76	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/18/02	1.28	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/21/02	1.8	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/24/02	1.17	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/28/02	0.71	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	07/16/02	0.26	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	07/31/02	0.36	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	08/07/02	0.16	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	08/07/02	0.17	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	08/09/02	0.18	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	08/22/02	0.11	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	09/09/02	0.06	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	10/07/02	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	10/21/02	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	11/18/02	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	12/17/02	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	01/30/03	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	03/13/03	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	03/21/03	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	03/30/03	0.15	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/13/03	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/15/03	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/19/03	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/23/03	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	04/27/03	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/07/03	0.05	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/12/03	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/15/03	0.24	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/20/03	0.16	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/27/03	0.05	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/03/03	0.07	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/09/03	0.98	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/12/03	0.41	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/23/03	0.18	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/27/03	0.24	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/30/03	0.23	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	07/03/03	0.15	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	07/11/03	0.17	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	07/22/03	0.08	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	08/12/03	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	09/18/03	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	12/03/03	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	02/17/04	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	03/02/04	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	03/08/04	0.06	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	03/16/04	0.06	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	03/18/04	0.06	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	05/12/04	0.14	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/22/04	0.78	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/25/04	0.78	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	05/27/04	0.51	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/27/04	0.61	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/30/04	0.61	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	05/30/04	1.88	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/01/04	1.88	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/04/04	0.64	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/09/04	0.64	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/09/04	1.61	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/11/04	1.61	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/12/04	1.45	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	C	06/13/04	1.45	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/16/04	0.95	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/24/04	0.41	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	07/12/04	0.33	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	07/14/04	0.33	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	08/02/04	0.09	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	08/23/04	0.08	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	09/15/04	0.06	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	09/17/04	0.09	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	09/20/04	0.09	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	09/22/04	0.08	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	09/28/04	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	10/04/04	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	10/20/04	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	02/15/05	0	nd	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	05/31/05	0.09	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/09/05	0.22	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/22/05	1.1	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	07/13/05	0.12	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	05/31/06	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/12/06	0.19	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/19/06	0.4	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	06/22/06	0.21	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	07/14/06	0.05	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	08/02/06	0.025	P	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	08/04/06	0.1	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	08/07/06	0.12	det	0.05
2	8	RD1	Blue Earth River - Rapidan Dam	G	08/11/06	0.11	det	0.05
2	9	WEL	Cannon River-Welch	G	05/25/04	0.1	det	0.05
2	9	WEL	Cannon River-Welch	G	06/02/04	0.41	det	0.05
2	9	WEL	Cannon River-Welch	G	06/16/04	1.53	det	0.05
2	9	WEL	Cannon River-Welch	G	07/15/04	0.57	det	0.05
2	9	WEL	Cannon River-Welch	G	05/20/05	0.09	det	0.05
2	9	WEL	Cannon River-Welch	G	06/08/05	0.08	det	0.05
2	9	WEL	Cannon River-Welch	G	06/28/05	0.72	det	0.05
2	9	WEL	Cannon River-Welch	G	07/15/05	0.37	det	0.05
2	9	WEL	Cannon River-Welch	G	05/26/06	0.025	P	0.05
2	9	WEL	Cannon River-Welch	G	06/08/06	0.025	P	0.05
2	9	WEL	Cannon River-Welch	G	06/29/06	0.41	det	0.05
2	9	WEL	Cannon River-Welch	G	07/26/06	0.22	det	0.05
2	8	DC1	Dutch Creek	G	05/21/04	0.05	det	0.05
2	8	DC1	Dutch Creek	G	06/09/04	1.13	det	0.05
2	8	DC1	Dutch Creek	G	06/30/04	0.06	det	0.05
2	8	DC1	Dutch Creek	G	07/06/04	0.11	det	0.05
2	8	DC1	Dutch Creek	G	05/31/05	0.025	P	0.05
2	8	DC1	Dutch Creek	G	06/08/05	0.08	det	0.05
2	8	DC1	Dutch Creek	G	06/28/05	0.025	P	0.05
2	8	DC1	Dutch Creek	G	07/13/05	0.07	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
2	8	DC1	Dutch Creek	G	05/25/06	0	nd	0.05
2	8	DC1	Dutch Creek	G	05/26/06	0	nd	0.05
2	8	DC1	Dutch Creek	G	06/06/06	0.025	P	0.05
2	8	DC1	Dutch Creek	G	06/08/06	0.025	P	0.05
2	8	DC1	Dutch Creek	G	06/15/06	0.05	det	0.05
2	8	DC1	Dutch Creek	G	06/19/06	0.025	P	0.05
2	8	DC1	Dutch Creek	G	07/11/06	0	nd	0.05
2	8	DC1	Dutch Creek	G	07/13/06	0	nd	0.05
2	8	LT1	Little Cobb River	G	05/23/04	0.32	det	0.05
2	8	LT1	Little Cobb River	G	06/09/04	2	det	0.05
2	8	LT1	Little Cobb River	G	06/30/04	0	nd	0.05
2	8	LT1	Little Cobb River	G	07/11/04	0.49	det	0.05
2	8	LT1	Little Cobb River	C	05/17/05	0.23	det	0.05
2	8	LT1	Little Cobb River	G	06/10/05	0.32	det	0.05
2	8	LT1	Little Cobb River	G	06/22/05	0.13	det	0.05
2	8	LT1	Little Cobb River	G	07/01/05	0.6	det	0.05
2	8	LT1	Little Cobb River	C	07/05/05	0.51	det	0.05
2	8	LT1	Little Cobb River	G	01/30/06	0	nd	0.05
2	8	LT1	Little Cobb River	G	05/31/06	0.025	P	0.05
2	8	LT1	Little Cobb River	G	06/02/06	0.05	det	0.05
2	8	LT1	Little Cobb River	G	06/10/06	0.15	det	0.05
2	8	LT1	Little Cobb River	G	06/12/06	0.26	det	0.05
2	8	LT1	Little Cobb River	G	06/26/06	0.09	det	0.05
2	8	LT1	Little Cobb River	G	07/14/06	0.05	det	0.05
2	8	LT1	Little Cobb River	G	08/02/06	0.08	det	0.05
2	4	LR1	Little Rock Creek-Rice	G	05/23/05	0.08	det	0.05
2	4	LR1	Little Rock Creek-Rice	G	06/14/05	1.87	det	0.05
2	4	LR1	Little Rock Creek-Rice	G	06/21/05	0.32	det	0.05
2	4	LR1	Little Rock Creek-Rice	G	07/12/05	0.025	P	0.05
2	4	LR1	Little Rock Creek-Rice	G	05/30/06	0.025	P	0.05
2	4	LR1	Little Rock Creek-Rice	G	06/14/06	0.025	P	0.05
2	4	LR1	Little Rock Creek-Rice	G	06/25/06	0.05	det	0.05
2	4	LR1	Little Rock Creek-Rice	G	06/27/06	0.05	det	0.05
2	4	LR1	Little Rock Creek-Rice	G	07/15/06	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	G	01/03/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	03/15/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	03/27/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/02/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/04/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/07/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/09/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/11/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/14/01	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	C	04/17/01	0.09	det	0.05
2	8	JB1	Minnesota River - Judson	G	04/18/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/19/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/23/01	0.05	det	0.05
2	8	JB1	Minnesota River - Judson	C	04/26/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/30/01	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	04/30/01	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/03/01	0.08	det	0.05
2	8	JB1	Minnesota River - Judson	C	05/07/01	0.08	det	0.05
2	8	JB1	Minnesota River - Judson	C	05/10/01	0.05	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/10/01	0.05	det	0.05
2	8	JB1	Minnesota River - Judson	C	05/11/01	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/17/01	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/24/01	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/30/01	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	G	06/05/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	06/15/01	0.62	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
2	8	JB1	Minnesota River - Judson	C	06/19/01	0.98	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/22/01	0.67	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/11/01	0.59	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/24/01	0.68	det	0.05
2	8	JB1	Minnesota River - Judson	G	08/07/01	0.12	det	0.05
2	8	JB1	Minnesota River - Judson	G	08/22/01	0.15	det	0.05
2	8	JB1	Minnesota River - Judson	G	09/04/01	0.12	det	0.05
2	8	JB1	Minnesota River - Judson	G	10/18/01	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	11/19/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	11/26/01	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	12/18/01	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	01/22/02	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	02/27/02	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	03/27/02	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	03/30/02	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/03/02	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	C	04/10/02	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/15/02	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/21/02	0	nd	0.05
2	8	JB1	Minnesota River - Judson	C	04/24/02	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	05/09/02	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/21/02	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	06/03/02	0.9	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/04/02	1.65	det	0.05
2	8	JB1	Minnesota River - Judson	G	06/14/02	0.69	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/23/02	2.05	det	0.05
2	8	JB1	Minnesota River - Judson	G	06/24/02	2.24	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/01/02	1.05	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/16/02	0.45	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/31/02	0.3	det	0.05
2	8	JB1	Minnesota River - Judson	G	08/26/02	0.11	det	0.05
2	8	JB1	Minnesota River - Judson	G	09/09/02	0.1	det	0.05
2	8	JB1	Minnesota River - Judson	G	10/07/02	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	10/21/02	0.1	det	0.05
2	8	JB1	Minnesota River - Judson	G	11/18/02	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	G	12/17/02	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	01/30/03	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	03/14/03	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	G	03/21/03	0.1	det	0.05
2	8	JB1	Minnesota River - Judson	G	03/26/03	0.11	det	0.05
2	8	JB1	Minnesota River - Judson	G	04/15/03	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	04/22/03	0.05	det	0.05
2	8	JB1	Minnesota River - Judson	G	04/28/03	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	05/07/03	0	nd	0.05
2	8	JB1	Minnesota River - Judson	G	05/16/03	0.1	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/22/03	0.07	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/29/03	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	G	06/17/03	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	06/24/03	0.11	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/01/03	0.55	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/08/03	0.21	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/22/03	0.42	det	0.05
2	8	JB1	Minnesota River - Judson	G	08/12/03	0.12	det	0.05
2	8	JB1	Minnesota River - Judson	G	09/23/03	0.05	det	0.05
2	8	JB1	Minnesota River - Judson	G	10/27/03	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	G	12/03/03	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	G	02/17/04	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	03/08/04	0.08	det	0.05
2	8	JB1	Minnesota River - Judson	G	03/18/04	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	04/21/04	0.14	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
2	8	JB1	Minnesota River - Judson	G	05/12/04	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/22/04	0.13	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/26/04	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/30/04	1.4	det	0.05
2	8	JB1	Minnesota River - Judson	G	06/01/04	0.91	det	0.05
2	8	JB1	Minnesota River - Judson	G	06/03/04	0.55	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/03/04	0.72	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/07/04	0.72	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/07/04	0.91	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/11/04	0.91	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/11/04	1.33	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/14/04	1.33	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/16/04	1.01	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/18/04	0.71	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/18/04	1.01	det	0.05
2	8	JB1	Minnesota River - Judson	C	06/21/04	0.71	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/01/04	0.33	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/14/04	0.37	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/30/04	0.11	det	0.05
2	8	JB1	Minnesota River - Judson	G	08/23/04	0.09	det	0.05
2	8	JB1	Minnesota River - Judson	G	09/17/04	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	09/20/04	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	09/28/04	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	G	11/09/04	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	G	01/25/05	0.025	P	0.05
2	8	JB1	Minnesota River - Judson	G	05/27/05	0.05	det	0.05
2	8	JB1	Minnesota River - Judson	G	06/09/05	0.27	det	0.05
2	8	JB1	Minnesota River - Judson	G	06/22/05	0.06	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/13/05	0.41	det	0.05
2	8	JB1	Minnesota River - Judson	G	05/31/06	0.05	det	0.05
2	8	JB1	Minnesota River - Judson	G	06/19/06	0.64	det	0.05
2	8	JB1	Minnesota River - Judson	G	06/22/06	0.27	det	0.05
2	8	JB1	Minnesota River - Judson	G	07/14/06	0.05	det	0.05
2	7	PSC	Pipestone Creek	G	05/31/05	0.05	det	0.05
2	7	PSC	Pipestone Creek	G	06/04/05	0.14	det	0.05
2	7	PSC	Pipestone Creek	G	06/21/05	1.53	det	0.05
2	7	PSC	Pipestone Creek	G	07/11/05	0.025	P	0.05
2	7	PSC	Pipestone Creek	G	05/24/06	0.11	det	0.05
2	7	PSC	Pipestone Creek	G	05/25/06	0.025	P	0.05
2	7	PSC	Pipestone Creek	G	06/14/06	0.29	det	0.05
2	7	PSC	Pipestone Creek	G	06/16/06	0.08	det	0.05
2	7	PSC	Pipestone Creek	G	06/29/06	0.025	P	0.05
2	7	PSC	Pipestone Creek	G	07/14/06	0.025	P	0.05
2	9	SR	Root River-South Branch	G	02/04/04	0.07	det	0.05
2	9	SR	Root River-South Branch	G	05/25/04	1.44	det	0.05
2	9	SR	Root River-South Branch	G	06/10/04	7.4	det	0.05
2	9	SR	Root River-South Branch	G	06/18/04	2.07	det	0.05
2	9	SR	Root River-South Branch	G	07/14/04	6.8	det	0.05
2	9	SR	Root River-South Branch	G	01/20/05	0.06	det	0.05
2	9	SR	Root River-South Branch	G	06/07/05	0.05	det	0.05
2	9	SR	Root River-South Branch	G	06/08/05	0.22	det	0.05
2	9	SR	Root River-South Branch	G	06/30/05	0.89	det	0.05
2	9	SR	Root River-South Branch	G	07/13/05	0.07	det	0.05
2	9	SR	Root River-South Branch	G	05/31/06	0.06	det	0.05
2	9	SR	Root River-South Branch	G	06/15/06	0.21	det	0.05
2	9	SR	Root River-South Branch	G	06/26/06	0.07	det	0.05
2	9	SR	Root River-South Branch	G	06/28/06	0.08	det	0.05
2	9	SR	Root River-South Branch	G	07/14/06	0.025	P	0.05
2	9	SFR	Root River-South Fork	G	02/04/04	0.07	det	0.05
2	9	SFR	Root River-South Fork	G	05/25/04	0.39	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
2	9	SFR	Root River-South Fork	G	06/10/04	1.87	det	0.05
2	9	SFR	Root River-South Fork	G	06/18/04	6.2	det	0.05
2	9	SFR	Root River-South Fork	G	07/14/04	1.72	det	0.05
2	9	SFR	Root River-South Fork	G	01/20/05	0.06	det	0.05
2	9	SFR	Root River-South Fork	G	06/07/05	0.06	det	0.05
2	9	SFR	Root River-South Fork	G	06/08/05	0.06	det	0.05
2	9	SFR	Root River-South Fork	G	06/30/05	0.86	det	0.05
2	9	SFR	Root River-South Fork	G	07/13/05	0.06	det	0.05
2	9	SFR	Root River-South Fork	G	05/31/06	0.06	det	0.05
2	9	SFR	Root River-South Fork	G	06/15/06	0.06	det	0.05
2	9	SFR	Root River-South Fork	G	06/26/06	0.07	det	0.05
2	9	SFR	Root River-South Fork	G	06/28/06	0.08	det	0.05
2	9	SFR	Root River-South Fork	G	07/14/06	0.05	det	0.05
2	10	SI1	Silver Creek-CR41	G	05/17/05	0.05	det	0.05
2	10	SI1	Silver Creek-CR41	G	06/08/05	13.2	det	0.05
2	10	SI1	Silver Creek-CR41	G	06/28/05	0.21	det	0.05
2	10	SI1	Silver Creek-CR41	G	07/13/05	0.11	det	0.05
2	10	SI1	Silver Creek-CR41	G	05/31/06	0.06	det	0.05
2	10	SI1	Silver Creek-CR41	G	06/28/06	0.14	det	0.05
2	10	SI1	Silver Creek-CR41	G	07/19/06	0.07	det	0.05
2	8	PLS	Sleepy Eye Creek - Leavenworth	G	05/24/05	0.025	P	0.05
2	8	PLS	Sleepy Eye Creek - Leavenworth	G	06/08/05	0.3	det	0.05
2	8	PLS	Sleepy Eye Creek - Leavenworth	G	06/27/05	0.06	det	0.05
2	8	PLS	Sleepy Eye Creek - Leavenworth	G	07/05/05	0.025	P	0.05
2	8	PLS	Sleepy Eye Creek - Leavenworth	G	05/30/06	0.025	P	0.05
2	8	PLS	Sleepy Eye Creek - Leavenworth	G	06/06/06	0.09	det	0.05
2	8	PLS	Sleepy Eye Creek - Leavenworth	G	06/12/06	1.58	det	0.05
2	8	PLS	Sleepy Eye Creek - Leavenworth	G	06/27/06	0.17	det	0.05
2	8	PLS	Sleepy Eye Creek - Leavenworth	G	07/10/06	0.025	P	0.05
2	9	SBW	Whitewater River-South Branch	G	05/19/05	0.23	det	0.05
2	9	SBW	Whitewater River-South Branch	G	06/09/05	5.7	det	0.05
2	9	SBW	Whitewater River-South Branch	G	06/30/05	0.27	det	0.05
2	9	SBW	Whitewater River-South Branch	G	07/13/05	0.08	det	0.05
2	9	SBW	Whitewater River-South Branch	G	05/30/06	0.07	det	0.05
2	9	SBW	Whitewater River-South Branch	G	06/12/06	0.66	det	0.05
2	9	SBW	Whitewater River-South Branch	G	06/15/06	0.15	det	0.05
2	9	SBW	Whitewater River-South Branch	G	06/27/06	0.12	det	0.05
2	9	SBW	Whitewater River-South Branch	G	07/13/06	0.08	det	0.05
2	9	SBW	Whitewater River-South Branch	G	08/25/06	0.05	det	0.05
3	8	BD1	Beauford Ditch	G	02/14/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	03/27/05	0	nd	0.05
3	8	BD1	Beauford Ditch	G	03/31/05	0.06	det	0.05
3	8	BD1	Beauford Ditch	C	04/04/05	0.05	det	0.05
3	8	BD1	Beauford Ditch	G	04/11/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	C	04/12/05	0.05	det	0.05
3	8	BD1	Beauford Ditch	C	04/13/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	C	04/18/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	C	04/20/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	C	04/22/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	04/27/05	0	nd	0.05
3	8	BD1	Beauford Ditch	G	05/06/05	0.06	det	0.05
3	8	BD1	Beauford Ditch	G	05/09/05	0.07	det	0.05
3	8	BD1	Beauford Ditch	G	05/12/05	0.13	det	0.05
3	8	BD1	Beauford Ditch	C	05/13/05	1.06	det	0.05
3	8	BD1	Beauford Ditch	C	05/16/05	0.55	det	0.05
3	8	BD1	Beauford Ditch	C	05/19/05	0.14	det	0.05
3	8	BD1	Beauford Ditch	C	05/23/05	0.1	det	0.05
3	8	BD1	Beauford Ditch	G	06/01/05	0.05	det	0.05
3	8	BD1	Beauford Ditch	C	06/08/05	2.85	det	0.05
3	8	BD1	Beauford Ditch	C	06/10/05	1.08	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
3	8	BD1	Beauford Ditch	G	06/13/05	0.11	det	0.05
3	8	BD1	Beauford Ditch	G	06/20/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	06/22/05	0.16	det	0.05
3	8	BD1	Beauford Ditch	G	07/01/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	07/13/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	07/26/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	08/10/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	08/29/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	09/25/05	0.08	det	0.05
3	8	BD1	Beauford Ditch	C	09/25/05	0.11	det	0.05
3	8	BD1	Beauford Ditch	C	09/27/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	09/30/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	10/05/05	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	01/10/06	0	nd	0.05
3	8	BD1	Beauford Ditch	G	01/30/06	0	nd	0.05
3	8	BD1	Beauford Ditch	G	02/01/06	0	nd	0.05
3	8	BD1	Beauford Ditch	C	05/05/06	0.025	P	0.05
3	8	BD1	Beauford Ditch	C	05/09/06	0	nd	0.05
3	8	BD1	Beauford Ditch	C	05/13/06	0	nd	0.05
3	8	BD1	Beauford Ditch	G	05/23/06	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	05/31/06	0	nd	0.05
3	8	BD1	Beauford Ditch	G	06/26/06	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	07/14/06	0.025	P	0.05
3	8	BD1	Beauford Ditch	G	08/02/06	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	G	01/03/01	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	03/15/01	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	03/27/01	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/02/01	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/04/01	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/06/01	0.08	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/09/01	0.1	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/12/01	0.09	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/19/01	0.13	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/23/01	0.13	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/26/01	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/30/01	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/03/01	0.11	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/07/01	0.11	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/11/01	0.08	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/17/01	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/23/01	0.34	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/24/01	0.21	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/24/01	0.4	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/27/01	0.1	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/30/01	0.08	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/13/01	3	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/15/01	3.8	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/16/01	3.7	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/18/01	2.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/28/01	0.94	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/11/01	0.33	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/24/01	0.62	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	08/07/01	0.14	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	08/22/01	0.11	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	09/04/01	0.07	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	10/18/01	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	11/19/01	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	11/26/01	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	12/18/01	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	01/22/02	0	nd	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
3	8	LS1	LeSueur River - Hwy 66	G	02/27/02	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	03/19/02	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	04/15/02	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/01/02	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/21/02	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/29/02	1.29	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/03/02	1.44	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/04/02	1.03	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/12/02	2.97	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/14/02	2.01	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/17/02	1.65	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/21/02	2.02	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/24/02	1.47	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/28/02	0.83	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/16/02	0.46	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/31/02	0.33	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	08/05/02	0.31	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	08/06/02	0.34	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	08/21/02	0.17	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	09/09/02	0.06	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	10/05/02	0.11	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	10/07/02	0.1	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	10/21/02	0.08	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	11/18/02	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	12/17/02	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	01/30/03	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	G	03/14/03	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	03/17/03	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	03/21/03	0.06	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	03/29/03	0.14	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	04/15/03	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/16/03	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/21/03	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/25/03	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/07/03	0.18	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/12/03	0.26	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/14/03	0.16	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/16/03	0.34	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/18/03	0.12	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/22/03	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/03/03	0.06	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/10/03	0.43	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/23/03	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/27/03	0.2	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/08/03	0.13	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	07/10/03	0.31	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/11/03	0.29	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	07/15/03	0.15	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/22/03	0.14	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	08/05/03	0.07	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	09/18/03	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	10/27/03	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	12/03/03	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	02/17/04	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	03/02/04	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	03/09/04	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	04/21/04	0.08	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/12/04	0.14	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/17/04	0.51	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/17/04	0.7	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
3	8	LS1	LeSueur River - Hwy 66	C	05/19/04	0.55	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/19/04	0.7	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/22/04	0.55	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/24/04	0.21	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/25/04	0.21	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/26/04	0.27	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/28/04	0.27	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/28/04	0.57	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/01/04	0.36	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/01/04	0.57	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/09/04	0.36	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/09/04	1.44	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/09/04	1.95	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/11/04	1.78	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/11/04	1.95	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/16/04	0.87	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/16/04	1.78	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/22/04	0.87	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/28/04	0.41	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	07/06/04	0.38	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/08/04	0.62	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	07/09/04	0.38	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	07/09/04	0.4	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	07/12/04	0.4	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	07/12/04	0.5	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	07/15/04	0.28	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	07/15/04	0.5	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	07/17/04	0.28	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	08/02/04	0.16	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	08/06/04	0.23	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	08/08/04	0.18	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	08/20/04	0.13	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	09/15/04	0.11	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	09/16/04	0.14	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	09/18/04	0.15	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	09/21/04	0.14	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	09/24/04	0.1	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	09/29/04	0.09	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	10/04/04	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	10/20/04	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	G	01/25/05	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	G	02/17/05	0.16	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	03/16/05	0.07	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	04/06/05	0.06	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	04/13/05	0.06	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/14/05	0.06	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/19/05	0.06	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	04/22/05	0.06	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/02/05	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/06/05	0.09	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/14/05	0.34	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/17/05	0.27	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/21/05	0.14	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/25/05	0.13	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/03/05	0.08	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/13/05	0.25	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/20/05	0.16	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	06/22/05	0.72	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/01/05	0.45	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/12/05	0.12	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
3	8	LS1	LeSueur River - Hwy 66	G	07/26/05	0.14	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	08/10/05	0.06	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	08/29/05	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	C	09/27/05	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	09/30/05	0.07	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	10/03/05	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	10/05/05	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	G	01/10/06	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	01/30/06	0	nd	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/05/06	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/09/06	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/09/06	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/13/06	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/14/06	0.05	det	0.05
3	8	LS1	LeSueur River - Hwy 66	C	05/19/06	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	G	05/31/06	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	C	06/18/06	0.29	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	07/18/06	0.15	det	0.05
3	8	LS1	LeSueur River - Hwy 66	G	08/02/06	0.025	P	0.05
3	8	LS1	LeSueur River - Hwy 66	G	08/07/06	0.17	det	0.05
3	9	NR	Root River - North Branch	G	02/04/04	0.06	det	0.05
3	9	NR	Root River - North Branch	G	04/15/04	0	nd	0.05
3	9	NR	Root River - North Branch	G	04/22/04	0	nd	0.05
3	9	NR	Root River - North Branch	G	04/26/04	0	nd	0.05
3	9	NR	Root River - North Branch	G	05/13/04	3.3	det	0.05
3	9	NR	Root River - North Branch	G	05/16/04	0.36	det	0.05
3	9	NR	Root River - North Branch	G	05/22/04	1.45	det	0.05
3	9	NR	Root River - North Branch	G	05/24/04	0.56	det	0.05
3	9	NR	Root River - North Branch	G	05/27/04	0.22	det	0.05
3	9	NR	Root River - North Branch	G	05/31/04	0.95	det	0.05
3	9	NR	Root River - North Branch	G	06/05/04	0.17	det	0.05
3	9	NR	Root River - North Branch	G	06/09/04	4.25	det	0.05
3	9	NR	Root River - North Branch	G	06/10/04	4.6	det	0.05
3	9	NR	Root River - North Branch	G	06/12/04	1.53	det	0.05
3	9	NR	Root River - North Branch	G	06/15/04	0.61	det	0.05
3	9	NR	Root River - North Branch	G	06/17/04	7	det	0.05
3	9	NR	Root River - North Branch	G	06/18/04	7.4	det	0.05
3	9	NR	Root River - North Branch	G	06/24/04	0.31	det	0.05
3	9	NR	Root River - North Branch	G	06/30/04	0.26	det	0.05
3	9	NR	Root River - North Branch	G	07/04/04	0.7	det	0.05
3	9	NR	Root River - North Branch	G	07/06/04	0.24	det	0.05
3	9	NR	Root River - North Branch	G	07/09/04	0.75	det	0.05
3	9	NR	Root River - North Branch	G	07/14/04	0.47	det	0.05
3	9	NR	Root River - North Branch	G	07/21/04	0.19	det	0.05
3	9	NR	Root River - North Branch	G	07/22/04	0.22	det	0.05
3	9	NR	Root River - North Branch	G	08/04/04	0.14	det	0.05
3	9	NR	Root River - North Branch	G	08/14/04	0.06	det	0.05
3	9	NR	Root River - North Branch	G	08/20/04	0.05	det	0.05
3	9	NR	Root River - North Branch	G	09/15/04	0.05	det	0.05
3	9	NR	Root River - North Branch	G	09/17/04	0.1	det	0.05
3	9	NR	Root River - North Branch	G	09/22/04	0.08	det	0.05
3	9	NR	Root River - North Branch	G	10/20/04	0.08	det	0.05
3	9	NR	Root River - North Branch	G	12/08/04	0.025	P	0.05
3	9	NR	Root River - North Branch	G	01/20/05	0.05	det	0.05
3	9	NR	Root River - North Branch	G	05/09/05	0.05	det	0.05
3	9	NR	Root River - North Branch	G	05/19/05	0.07	det	0.05
3	9	NR	Root River - North Branch	G	06/08/05	0.25	det	0.05
3	9	NR	Root River - North Branch	G	06/13/05	1.12	det	0.05
3	9	NR	Root River - North Branch	G	06/30/05	0.51	det	0.05
3	9	NR	Root River - North Branch	G	07/25/05	0.07	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
3	9	NR	Root River - North Branch	G	07/26/05	0.14	det	0.05
3	9	NR	Root River - North Branch	G	07/27/05	0.07	det	0.05
3	9	NR	Root River - North Branch	G	08/10/05	0.025	P	0.05
3	9	NR	Root River - North Branch	G	08/30/05	1.27	det	0.05
3	9	NR	Root River - North Branch	G	09/08/05	0.025	P	0.05
3	9	NR	Root River - North Branch	G	09/13/05	0.025	P	0.05
3	9	NR	Root River - North Branch	G	09/26/05	0.05	det	0.05
3	9	NR	Root River - North Branch	G	09/26/05	0.05	det	0.05
3	9	NR	Root River - North Branch	C	05/13/06	0.72	det	0.05
3	9	NR	Root River - North Branch	G	05/25/06	0.06	det	0.05
3	9	NR	Root River - North Branch	G	05/31/06	0.15	det	0.05
3	9	NR	Root River - North Branch	G	06/06/06	0.11	det	0.05
3	9	NR	Root River - North Branch	C	06/14/06	0.66	det	0.05
3	9	NR	Root River - North Branch	G	06/15/06	0.19	det	0.05
3	9	NR	Root River - North Branch	C	06/20/06	0.29	det	0.05
3	9	NR	Root River - North Branch	G	07/10/06	0.05	det	0.05
3	9	NR	Root River - North Branch	G	07/20/06	0.29	det	0.05
3	9	NR	Root River - North Branch	G	07/21/06	0.15	det	0.05
3	9	NR	Root River - North Branch	C	07/25/06	0.17	det	0.05
3	9	NR	Root River - North Branch	G	08/14/06	0.05	det	0.05
3	9	NR	Root River - North Branch	G	08/25/06	0.025	P	0.05
3	9	NR	Root River - North Branch	C	08/29/06	0.05	det	0.05
3	8	SM3	Seven Mile Creek #3	G	03/18/03	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	04/01/03	0	nd	0.05
3	8	SM3	Seven Mile Creek #3	G	04/17/03	0	nd	0.05
3	8	SM3	Seven Mile Creek #3	G	04/22/03	0	nd	0.05
3	8	SM3	Seven Mile Creek #3	G	05/11/03	0.07	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/15/03	0.24	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/20/03	0.14	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/29/03	0.08	det	0.05
3	8	SM3	Seven Mile Creek #3	C	06/07/03	1.25	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/17/03	0.1	det	0.05
3	8	SM3	Seven Mile Creek #3	C	06/23/03	1.31	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/23/03	2.59	det	0.05
3	8	SM3	Seven Mile Creek #3	C	06/25/03	0.24	det	0.05
3	8	SM3	Seven Mile Creek #3	G	07/09/03	0.09	det	0.05
3	8	SM3	Seven Mile Creek #3	C	07/09/03	0.74	det	0.05
3	8	SM3	Seven Mile Creek #3	C	07/10/03	0.2	det	0.05
3	8	SM3	Seven Mile Creek #3	G	07/22/03	0.07	det	0.05
3	8	SM3	Seven Mile Creek #3	G	08/06/03	0.07	det	0.05
3	8	SM3	Seven Mile Creek #3	G	09/18/03	0	nd	0.05
3	8	SM3	Seven Mile Creek #3	G	02/17/04	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	03/02/04	0.06	det	0.05
3	8	SM3	Seven Mile Creek #3	G	03/08/04	0.15	det	0.05
3	8	SM3	Seven Mile Creek #3	G	04/21/04	0.1	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/13/04	0.4	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/17/04	0.41	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/20/04	0.82	det	0.05
3	8	SM3	Seven Mile Creek #3	C	05/21/04	0.54	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/21/04	0.96	det	0.05
3	8	SM3	Seven Mile Creek #3	C	05/24/04	0.2	det	0.05
3	8	SM3	Seven Mile Creek #3	C	05/24/04	0.54	det	0.05
3	8	SM3	Seven Mile Creek #3	C	05/27/04	0.2	det	0.05
3	8	SM3	Seven Mile Creek #3	C	05/30/04	1.2	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/02/04	0.16	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/09/04	1.35	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/11/04	1.31	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/26/04	0.13	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/29/04	0.13	det	0.05
3	8	SM3	Seven Mile Creek #3	G	07/12/04	0.1	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
3	8	SM3	Seven Mile Creek #3	G	07/30/04	0.06	det	0.05
3	8	SM3	Seven Mile Creek #3	G	08/23/04	0.06	det	0.05
3	8	SM3	Seven Mile Creek #3	G	09/15/04	0.06	det	0.05
3	8	SM3	Seven Mile Creek #3	G	11/09/04	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	03/22/05	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	03/31/05	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	C	04/12/05	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	C	04/13/05	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	04/18/05	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	04/27/05	0.05	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/06/05	0.06	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/12/05	0.3	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/14/05	0.11	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/19/05	0.17	det	0.05
3	8	SM3	Seven Mile Creek #3	G	05/25/05	0.05	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/03/05	0.05	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/08/05	10	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/10/05	0.9	det	0.05
3	8	SM3	Seven Mile Creek #3	C	06/10/05	1.85	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/16/05	0.15	det	0.05
3	8	SM3	Seven Mile Creek #3	G	07/27/05	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	08/29/05	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	09/26/05	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	10/05/05	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	01/11/06	0.05	det	0.05
3	8	SM3	Seven Mile Creek #3	C	05/07/06	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	C	05/12/06	0	nd	0.05
3	8	SM3	Seven Mile Creek #3	G	05/23/06	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	05/31/06	0.025	P	0.05
3	8	SM3	Seven Mile Creek #3	G	06/17/06	1.02	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/19/06	1.06	det	0.05
3	8	SM3	Seven Mile Creek #3	C	06/21/06	1.03	det	0.05
3	8	SM3	Seven Mile Creek #3	G	06/22/06	0.33	det	0.05
3	8	SM3	Seven Mile Creek #3	C	06/26/06	0.3	det	0.05
3	8	SM3	Seven Mile Creek #3	G	08/03/06	0.06	det	0.05
3	8	SM3	Seven Mile Creek #3	G	08/08/06	0.06	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	01/03/01	0.17	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	01/30/01	0.15	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	02/15/01	0.18	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/29/01	0.19	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/31/01	0.17	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/02/01	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/03/01	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/05/01	0.07	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/05/01	0.07	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/05/01	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/06/01	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/06/01	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/07/01	0.07	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/07/01	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/08/01	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/08/01	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/10/01	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/10/01	0.09	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/10/01	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/10/01	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/10/01	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/11/01	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/11/01	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/11/01	0.1	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
3	9	MBW	Whitewater River-Middle Branch	C	04/11/01	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/12/01	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/13/01	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	04/14/01	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/15/01	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/27/01	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	05/03/01	0.24	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/05/01	0.13	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/09/01	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	05/16/01	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/22/01	0.2	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/25/01	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	05/26/01	0.27	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/29/01	0.13	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/05/01	0.41	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/12/01	17.4	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/13/01	1.48	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/14/01	5.3	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/15/01	1.95	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/15/01	5.6	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/18/01	0.43	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/19/01	7.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/26/01	0.24	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/10/01	0.18	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/17/01	0.17	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	07/23/01	0.19	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/24/01	0.2	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/07/01	0.15	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/17/01	0	nd	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/27/01	0.13	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/28/01	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	09/06/01	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	09/25/01	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	10/19/01	0.15	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	11/19/01	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	12/07/01	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	12/21/01	0	nd	0.05
3	9	MBW	Whitewater River-Middle Branch	G	01/31/02	0	nd	0.05
3	9	MBW	Whitewater River-Middle Branch	C	02/19/02	0	nd	0.05
3	9	MBW	Whitewater River-Middle Branch	G	02/27/02	0	nd	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/09/02	0.025	P	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/11/02	0.025	P	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/13/02	0.05	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/13/02	0	nd	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/14/02	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/27/02	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/26/02	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/15/02	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/30/02	3.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	05/30/02	4.2	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/03/02	2.75	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/03/02	13.2	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/04/02	1.73	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/05/02	1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/11/02	4	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/11/02	8	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/11/02	9.8	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/11/02	11.2	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/11/02	15.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/12/02	1.3	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
3	9	MBW	Whitewater River-Middle Branch	C	06/21/02	7	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/21/02	14.8	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/21/02	29.4	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/22/02	0.87	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/26/02	3.7	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/26/02	4.3	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/16/02	0.15	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/05/02	0.19	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	08/17/02	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/19/02	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	08/21/02	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/22/02	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	10/04/02	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	10/25/02	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	12/03/02	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	01/03/03	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	01/24/03	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	02/21/03	0.06	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/14/03	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/17/03	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/28/03	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/17/03	0.19	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/29/03	0.13	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/07/03	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	05/11/03	0.52	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/12/03	0.49	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/05/03	0.2	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/08/03	7.15	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/19/03	0.13	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/25/03	5.52	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/02/03	1.48	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/11/03	0.13	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/15/03	1.99	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/15/03	4.25	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/31/03	2.66	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/30/03	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	10/01/03	2.49	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	12/03/03	0	nd	0.05
3	9	MBW	Whitewater River-Middle Branch	G	12/23/03	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	02/04/04	0.15	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	02/29/04	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/01/04	0.09	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/01/04	0.09	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/01/04	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/01/04	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/02/04	0.13	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/02/04	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/02/04	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/02/04	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/03/04	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/03/04	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/05/04	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/06/04	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/06/04	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/08/04	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/10/04	0.13	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/10/04	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/10/04	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/11/04	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/12/04	0.15	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
3	9	MBW	Whitewater River-Middle Branch	C	03/13/04	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/14/04	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/17/04	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/17/04	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/20/04	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/21/04	0	nd	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/04/04	0.15	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/10/04	0.26	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/12/04	0.17	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/14/04	0.81	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/21/04	0.19	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/22/04	0.94	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/24/04	1.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	05/30/04	2.5	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/31/04	2.33	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	05/31/04	2.5	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/03/04	0.46	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/09/04	1.65	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/09/04	2.24	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/09/04	2.42	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/10/04	0.6	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/10/04	2.24	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/11/04	0.6	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/11/04	1.42	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/11/04	3.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/12/04	0.81	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/12/04	1.55	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/12/04	2.37	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/12/04	3.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/12/04	3.18	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/13/04	0.63	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/13/04	0.81	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/14/04	0.63	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/14/04	0.88	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/15/04	0.88	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/15/04	32	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/16/04	22	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/16/04	27	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/16/04	32	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/17/04	22	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/17/04	23	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/18/04	2.34	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/18/04	23	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/20/04	2.34	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/20/04	6.8	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/22/04	4.4	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/22/04	6.8	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/25/04	4.3	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/29/04	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/01/04	0.19	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	07/06/04	21.2	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	07/07/04	21.2	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/09/04	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/13/04	1.79	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/16/04	6	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/23/04	0.12	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/28/04	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/13/04	0.07	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/17/04	0.06	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	09/15/04	0.09	det	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
3	9	MBW	Whitewater River-Middle Branch	C	09/15/04	2.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	09/16/04	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	09/16/04	11.8	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	09/17/04	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	09/22/04	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	10/22/04	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	11/30/04	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	12/23/04	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	01/20/05	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	02/07/05	0.07	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	02/13/05	0.06	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	02/14/05	0.07	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	02/15/05	0.09	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	02/16/05	0.06	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	02/16/05	0.025	P	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/06/05	0	nd	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/06/05	0.025	P	0.05
3	9	MBW	Whitewater River-Middle Branch	C	03/07/05	0.06	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/08/05	0.07	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	03/24/05	0.09	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/04/05	0.1	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/20/05	0.09	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	04/29/05	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/19/05	0.72	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/20/05	2	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/01/05	0.09	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/08/05	0.23	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/12/05	0.33	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/30/05	0.33	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/13/05	0.24	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	07/25/05	0.55	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/26/05	0.31	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/08/05	0.09	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/29/05	0.26	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	09/20/05	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	09/26/05	0.05	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	09/27/05	0.06	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	11/30/05	0.06	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	12/22/05	0.09	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	01/27/06	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	02/28/06	0.11	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/23/06	0.07	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	05/30/06	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	06/06/06	0.16	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	06/14/06	0.14	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	07/10/06	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/14/06	0.09	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/24/06	0.08	det	0.05
3	9	MBW	Whitewater River-Middle Branch	G	08/25/06	0.05	det	0.05
3	9	MBW	Whitewater River-Middle Branch	C	08/28/06	0.07	det	0.05
1 Urban	10	BS1	Basset Creek	G	05/30/06	0.05	det	0.05
1 Urban	10	BS1	Basset Creek	G	06/06/06	0.32	det	0.05
1 Urban	10	BS1	Basset Creek	G	06/19/06	0.1	det	0.05
1 Urban	10	BS1	Basset Creek	G	07/12/06	0.05	det	0.05
1 Urban	10	BS1	Basset Creek	G	07/20/06	0	nd	0.05
1 Urban	10	BS1	Basset Creek	G	08/02/06	0	nd	0.05
1 Urban	10	BA1	Battle Creek	G	05/30/06	0.09	det	0.05
1 Urban	10	BA1	Battle Creek	G	06/06/06	0.51	det	0.05
1 Urban	10	BA1	Battle Creek	G	06/17/06	0.2	det	0.05
1 Urban	10	BA1	Battle Creek	G	07/12/06	0.025	P	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
1 Urban	10	BA1	Battle Creek	G	07/19/06	0	nd	0.05
1 Urban	10	BA1	Battle Creek	G	08/01/06	0	nd	0.05
1 Urban	10	FC1	Fish Creek	G	05/30/06	0.06	det	0.05
1 Urban	10	FC1	Fish Creek	G	06/06/06	0.3	det	0.05
1 Urban	10	FC1	Fish Creek	G	06/17/06	0.09	det	0.05
1 Urban	10	FC1	Fish Creek	G	07/12/06	0.025	P	0.05
1 Urban	10	FC1	Fish Creek	G	07/19/06	0	nd	0.05
1 Urban	10	FC1	Fish Creek	G	08/01/06	0.025	P	0.05
1 Urban	10	MH1	Minnehaha Creek	G	05/30/06	0.06	det	0.05
1 Urban	10	MH1	Minnehaha Creek	G	06/06/06	0.08	det	0.05
1 Urban	10	MH1	Minnehaha Creek	G	06/19/06	0.09	det	0.05
1 Urban	10	MH1	Minnehaha Creek	G	07/12/06	0.05	det	0.05
1 Urban	10	MH1	Minnehaha Creek	G	07/20/06	0.025	P	0.05
1 Urban	10	MH1	Minnehaha Creek	G	08/02/06	0.025	P	0.05
1 Urban	10	NM1	Nine Mile Creek	G	05/30/06	0.025	P	0.05
1 Urban	10	NM1	Nine Mile Creek	G	06/13/06	0.025	P	0.05
1 Urban	10	NM1	Nine Mile Creek	G	06/20/06	0.11	det	0.05
1 Urban	10	NM1	Nine Mile Creek	G	07/12/06	0.025	P	0.05
1 Urban	10	NM1	Nine Mile Creek	G	07/27/06	0.025	P	0.05
1 Urban	10	NM1	Nine Mile Creek	G	08/02/06	0	nd	0.05
1 Urban	10	RI1	Riley Creek	G	05/30/06	0.025	P	0.05
1 Urban	10	RI1	Riley Creek	G	06/12/06	0	nd	0.05
1 Urban	10	RI1	Riley Creek	G	06/19/06	0.07	det	0.05
1 Urban	10	RI1	Riley Creek	G	07/12/06	0	nd	0.05
1 Urban	10	RI1	Riley Creek	G	07/20/06	0	nd	0.05
1 Urban	10	RI1	Riley Creek	G	08/02/06	0.025	P	0.05
inactive	10	CHA	Chaska Creek	G	01/04/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	02/06/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	03/06/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	03/31/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	04/03/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	04/05/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	04/09/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	04/12/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	04/16/01	0.025	P	0.05
inactive	10	CHA	Chaska Creek	C	04/18/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	04/22/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	04/23/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	04/25/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	04/25/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	04/28/01	0.05	det	0.05
inactive	10	CHA	Chaska Creek	G	05/08/01	0.025	P	0.05
inactive	10	CHA	Chaska Creek	G	05/15/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	05/20/01	0.16	det	0.05
inactive	10	CHA	Chaska Creek	C	05/23/01	0.16	det	0.05
inactive	10	CHA	Chaska Creek	C	05/28/01	0.14	det	0.05
inactive	10	CHA	Chaska Creek	C	06/11/01	0.25	det	0.05
inactive	10	CHA	Chaska Creek	C	06/13/01	0.29	det	0.05
inactive	10	CHA	Chaska Creek	C	06/13/01	0.67	det	0.05
inactive	10	CHA	Chaska Creek	C	06/18/01	0.3	det	0.05
inactive	10	CHA	Chaska Creek	G	06/19/01	0.28	det	0.05
inactive	10	CHA	Chaska Creek	G	07/12/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	08/13/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	08/30/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	09/10/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	09/19/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	09/22/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	09/24/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	10/23/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	10/31/01	0	nd	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
inactive	10	CHA	Chaska Creek	G	11/26/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	12/10/01	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	01/08/02	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	03/27/02	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	04/11/02	0	nd	0.05
inactive	10	CHA	Chaska Creek	C	05/09/02	0.12	det	0.05
inactive	10	CHA	Chaska Creek	G	05/21/02	0.025	P	0.05
inactive	10	CHA	Chaska Creek	C	06/04/02	0.18	det	0.05
inactive	10	CHA	Chaska Creek	G	06/05/02	0.13	det	0.05
inactive	10	CHA	Chaska Creek	C	06/19/02	4.6	det	0.05
inactive	10	CHA	Chaska Creek	C	06/20/02	33.2	det	0.05
inactive	10	CHA	Chaska Creek	C	06/25/02	4.2	det	0.05
inactive	10	CHA	Chaska Creek	C	07/10/02	0.99	det	0.05
inactive	10	CHA	Chaska Creek	G	07/17/02	0.63	det	0.05
inactive	10	CHA	Chaska Creek	C	07/28/02	0.24	det	0.05
inactive	10	CHA	Chaska Creek	G	07/30/02	0.37	det	0.05
inactive	10	CHA	Chaska Creek	C	08/03/02	0.35	det	0.05
inactive	10	CHA	Chaska Creek	G	08/15/02	0.3	det	0.05
inactive	10	CHA	Chaska Creek	C	08/16/02	0.12	det	0.05
inactive	10	CHA	Chaska Creek	G	08/20/02	0.29	det	0.05
inactive	10	CHA	Chaska Creek	C	08/21/02	0.15	det	0.05
inactive	10	CHA	Chaska Creek	G	09/05/02	0.1	det	0.05
inactive	10	CHA	Chaska Creek	C	10/06/02	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	11/21/02	0	nd	0.05
inactive	10	CHA	Chaska Creek	G	05/17/04	0.2	det	0.05
inactive	10	CHA	Chaska Creek	G	06/11/04	0.85	det	0.05
inactive	10	CHA	Chaska Creek	G	06/30/04	0.44	det	0.05
inactive	10	CHA	Chaska Creek	G	07/14/04	0.3	det	0.05
unknown	unknown	BC	Bent Creek	G	01/04/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	02/06/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	03/06/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	03/30/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	04/03/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	04/06/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	04/10/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	04/12/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	04/15/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	04/21/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	04/22/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	04/23/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	04/25/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	04/30/01	0.025	P	0.05
unknown	unknown	BC	Bent Creek	C	05/01/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	05/05/01	0.025	P	0.05
unknown	unknown	BC	Bent Creek	C	05/10/01	0.025	P	0.05
unknown	unknown	BC	Bent Creek	G	05/15/01	0.05	det	0.05
unknown	unknown	BC	Bent Creek	C	05/20/01	0.025	P	0.05
unknown	unknown	BC	Bent Creek	G	05/23/01	0.025	P	0.05
unknown	unknown	BC	Bent Creek	C	05/26/01	0.05	det	0.05
unknown	unknown	BC	Bent Creek	C	06/11/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	06/14/01	0.36	det	0.05
unknown	unknown	BC	Bent Creek	G	06/19/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	07/12/01	0.07	det	0.05
unknown	unknown	BC	Bent Creek	G	08/14/01	0.05	det	0.05
unknown	unknown	BC	Bent Creek	C	08/29/01	0.025	P	0.05
unknown	unknown	BC	Bent Creek	G	08/30/01	0.05	det	0.05
unknown	unknown	BC	Bent Creek	C	09/07/01	0.025	P	0.05
unknown	unknown	BC	Bent Creek	G	09/10/01	0.025	P	0.05
unknown	unknown	BC	Bent Creek	G	09/19/01	0.025	P	0.05
unknown	unknown	BC	Bent Creek	C	09/22/01	0	nd	0.05

MDA 2006 Tier	Pesticide Monitoring Region	SiteID	Monitoring Station	Grab or Composite	Sample Date	Atrazine (ppb)	Qualifier	Method Reporting Limit
unknown	unknown	BC	Bent Creek	G	09/24/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	10/16/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	10/31/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	11/26/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	12/05/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	12/10/01	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	01/08/02	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	03/27/02	0	nd	0.05
unknown	unknown	BC	Bent Creek	G	04/11/02	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	05/09/02	0.11	det	0.05
unknown	unknown	BC	Bent Creek	G	05/21/02	0	nd	0.05
unknown	unknown	BC	Bent Creek	C	06/21/02	0.2	det	0.05
unknown	unknown	BC	Bent Creek	C	06/25/02	0.16	det	0.05
unknown	unknown	BC	Bent Creek	C	07/10/02	0.13	det	0.05
unknown	unknown	BC	Bent Creek	G	07/17/02	0.15	det	0.05
unknown	unknown	BC	Bent Creek	C	08/03/02	0.08	det	0.05
unknown	unknown	BC	Bent Creek	G	08/15/02	0.07	det	0.05
unknown	unknown	BC	Bent Creek	C	08/16/02	0.07	det	0.05
unknown	unknown	BC	Bent Creek	G	08/20/02	0.1	det	0.05
unknown	unknown	BC	Bent Creek	C	08/21/02	0.025	P	0.05
unknown	unknown	BC	Bent Creek	G	09/04/02	0.08	det	0.05
unknown	unknown	BC	Bent Creek	C	10/06/02	0.07	det	0.05
unknown	unknown	BC	Bent Creek	G	11/21/02	0.07	det	0.05
unknown	5	GH2	Groundhouse River@CR12 (old Sou	G	05/19/05	0.025	P	0.05
unknown	5	GH2	Groundhouse River@CR12 (old Sou	G	06/08/05	0.16	det	0.05
unknown	5	GH2	Groundhouse River@CR12 (old Sou	G	06/28/05	0.025	P	0.05
unknown	5	GH2	Groundhouse River@CR12 (old Sou	G	07/13/05	0.025	P	0.05
unknown	5	GH1	Groundhouse River-South Fork near	G	05/19/05	0.025	P	0.05
unknown	5	GH1	Groundhouse River-South Fork near	G	06/08/05	0.09	det	0.05
unknown	5	GH1	Groundhouse River-South Fork near	G	06/28/05	0.025	P	0.05
unknown	5	GH1	Groundhouse River-South Fork near	G	07/13/05	0.025	P	0.05
unknown	4	SHE	Shell River-Menahga	G	05/22/05	0	nd	0.05
unknown	4	SHE	Shell River-Menahga	G	06/05/05	0.025	P	0.05
unknown	4	SHE	Shell River-Menahga	G	06/24/05	0.025	P	0.05
unknown	4	SHE	Shell River-Menahga	G	07/11/05	0	nd	0.05
unknown	4	SN1	Snake River-Pokegama	G	05/18/05	0.025	P	0.05
unknown	4	SN1	Snake River-Pokegama	G	06/08/05	0.06	det	0.05
unknown	4	SN1	Snake River-Pokegama	G	06/28/05	0.05	det	0.05
unknown	4	SN1	Snake River-Pokegama	G	07/13/05	0.025	P	0.05
unknown	unknown	SRC	Split Rock Creek	G	05/31/05	0.09	det	0.05
unknown	unknown	SRC	Split Rock Creek	G	06/06/05	0.32	det	0.05
unknown	unknown	SRC	Split Rock Creek	G	06/21/05	5.7	det	0.05
unknown	unknown	SRC	Split Rock Creek	G	07/05/05	0.85	det	0.05
unknown	unknown	JO1	Unknown Creek	G	05/28/04	0.35	det	0.05
unknown	unknown	JO1	Unknown Creek	G	06/01/04	0.99	det	0.05
unknown	unknown	JO1	Unknown Creek	G	06/30/04	0.38	det	0.05
unknown	unknown	JO1	Unknown Creek	G	07/08/04	0.5	det	0.05

APPENDIX 7 Atrazine Results for Surface Water Monitoring from the National Water Quality Assessment Program (NAWQA) United States Geological Survey, 2000-2006

County	Study Unit	STA_ID	Sampling Location	Land Use	Sample Date	Atrazine (ppb)	Qualifier
MOWER	EIWA	5456510	TURTLE CREEK AT AUSTIN, MN	AG	08/27/97	0.09	--
MOWER	EIWA	5456510	TURTLE CREEK AT AUSTIN, MN	AG	05/19/98	0.14	--
CLAY	REDN	5062100	BUFFALO RIVER NEAR MOUTH AT GEOR(	AG	06/02/94	0.042	--
CLAY	REDN	5062100	BUFFALO RIVER NEAR MOUTH AT GEOR(	AG	07/07/94	0.1	--
KITTSON	REDN	5095500	TWO RIVERS BELOW HALLOCK, MN	AG	08/18/93	0.02	--
KITTSON	REDN	5095500	TWO RIVERS BELOW HALLOCK, MN	AG	05/24/94	0.039	--
KITTSON	REDN	5096000	NORTH BRANCH TWO RIVERS NEAR LAN	AG	08/18/93	0.013	--
KITTSON	REDN	5112000	ROSEAU RIVER BELOW STATE DITCH 51 1	AG	07/14/94	0.009	--
MAHNOMEN	REDN	5062435	WHITE EARTH RIVER NEAR MAHNOMEN,	AG	06/21/94	0.037	--
MAHNOMEN	REDN	#############	WILD RICE RIVER NEAR MAHNOMEN, MN	OTHER	06/21/94	0.066	--
MARSHALL	REDN	5086000	SNAKE RIVER AT ALVARADO, MN	AG	04/01/93	0.019	--
MARSHALL	REDN	5086000	SNAKE RIVER AT ALVARADO, MN	AG	04/03/93	0.018	--
MARSHALL	REDN	5086000	SNAKE RIVER AT ALVARADO, MN	AG	04/06/93	0.008	--
MARSHALL	REDN	5086000	SNAKE RIVER AT ALVARADO, MN	AG	04/15/93	0.01	--
MARSHALL	REDN	5086000	SNAKE RIVER AT ALVARADO, MN	AG	04/28/93	0.011	--
MARSHALL	REDN	5086500	SNAKE RIVER ABOVE MIDDLE RIVER NR	AG	06/21/94	0.047	--
MARSHALL	REDN	5087500	MIDDLE RIVER AT ARGYLE, MN	AG	08/18/93	0.088	--
MARSHALL	REDN	5087600	SNAKE RIVER NEAR MOUTH NR. BIG WO(	MIXED	06/21/94	0.019	--
MARSHALL	REDN	5091000	TAMARAC RIVER AT STEPHEN, MN	AG	08/12/93	0.078	--
MARSHALL	REDN	5091000	TAMARAC RIVER AT STEPHEN, MN	AG	08/18/93	0.013	--
MARSHALL	REDN	#############	SNAKE RIVER NEAR RADIUM, MN	AG	06/20/94	0.013	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	03/31/93	0.034	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	04/05/93	0.02	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	04/14/93	0.018	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	04/26/93	0.013	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	05/06/93	0.013	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	05/18/93	0.028	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	05/25/93	0.011	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	05/26/93	0.011	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	06/01/93	0.011	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	06/14/93	0.043	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	06/17/93	0.1	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	06/23/93	0.059	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	07/08/93	0.024	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	07/17/93	0.37	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	07/28/93	0.14	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	08/06/93	0.043	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	08/17/93	0.034	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	08/30/93	0.001	<
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	09/24/93	0.008	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	10/21/93	0.001	<
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	02/16/94	0.001	<
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	03/25/94	0.01	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	04/29/94	0.01	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	06/01/94	0.033	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	06/22/94	0.09	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	07/11/94	0.079	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	08/15/94	0.016	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	05/10/95	0.01	E
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	06/07/95	0.013	E
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	07/05/95	0.071	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	07/25/95	0.032	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	08/30/95	0.006	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	10/30/95	0.011	--
NORMAN	REDN	5062500	WILD RICE RIVER AT TWIN VALLEY, MN	AG	10/22/96	0.001	<
NORMAN	REDN	5063000	WILD RICE RIVER NEAR ADA, MN	MIXED	06/22/94	0.1	--
NORMAN	REDN	5064000	WILD RICE RIVER AT HENDRUM, MN	MIXED	06/22/94	0.13	--
OTTER TAIL	REDN	5030140	OTTER TAIL RIVER NORTHWEST OF LUCI	OTHER	08/31/94	0.02	--
OTTER TAIL	REDN	5030140	OTTER TAIL RIVER NORTHWEST OF LUCI	OTHER	08/01/95	0.014	--
OTTER TAIL	REDN	5030150	OTTER TAIL RIVER NEAR PERHAM, MN	OTHER	08/04/93	0.039	--

County	Study Unit	STA_ID	Sampling Location	Land Use	Sample Date	Atrazine (ppb)	Qualifier
OTTER TAIL	REDN	5030150	OTTER TAIL RIVER NEAR PERHAM, MN	OTHER	08/31/94	0.02	--
OTTER TAIL	REDN	5046000	OTTER TAIL RIVER BL ORWELL D NR FER	MIXED	05/31/94	0.048	--
OTTER TAIL	REDN	5046000	OTTER TAIL RIVER BL ORWELL D NR FER	MIXED	07/06/94	0.053	--
OTTER TAIL	REDN	5046000	OTTER TAIL RIVER BL ORWELL D NR FER	MIXED	08/24/95	0.03	--
OTTER TAIL	REDN	##############	OTTER TAIL RIVER NORTH EAST OF LUCI	OTHER	08/31/94	0.02	--
PENNINGTON	REDN	5076200	THIEF RIVER AT THIEF RIVER FALLS, MN	MIXED	07/17/95	0.012	--
POLK	REDN	5079000	RED LAKE RIVER AT CROOKSTON, MN	MIXED	05/25/94	0.036	--
POLK	REDN	5079000	RED LAKE RIVER AT CROOKSTON, MN	MIXED	07/09/94	0.12	--
POLK	REDN	5079000	RED LAKE RIVER AT CROOKSTON, MN	MIXED	07/18/95	0.055	--
POLK	REDN	5079000	RED LAKE RIVER AT CROOKSTON, MN	MIXED	04/22/97	0.017	--
RED LAKE	REDN	5078500	CLEARWATER RIVER AT RED LAKE FALL	MIXED	07/18/95	0.057	--
TRAVERSE	REDN	5049000	MUSTINKA RIVER ABOVE WHEATON, MN	AG	06/01/94	0.067	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	04/07/93	0.028	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	04/13/93	0.033	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	04/20/93	0.034	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	05/04/93	0.039	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	05/10/93	0.037	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	05/20/93	0.037	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	06/03/93	0.037	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	06/16/93	0.088	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	07/01/93	0.071	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	07/15/93	0.28	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	07/23/93	0.22	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	07/29/93	0.22	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	08/04/93	0.22	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	08/09/93	0.16	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	08/16/93	0.13	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	09/07/93	0.044	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	09/20/93	0.065	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	10/18/93	0.078	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	01/05/94	0.027	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	04/07/94	0.027	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	04/14/94	0.027	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	05/03/94	0.023	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	01/05/98	0.0292	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	01/07/99	0.0339	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	01/27/00	0.0381	--
UNSPECIFIED	REDN	5102500	RED RIVER OF THE NORTH AT EMERSON,	MIXED	03/07/00	0.0206	--
WILKIN	REDN	5051300	BOIS DE SIOUX RIVER NEAR DORAN, MN	AG	05/31/94	0.12	--
WILKIN	REDN	5051300	BOIS DE SIOUX RIVER NEAR DORAN, MN	AG	07/06/94	0.23	--
WILKIN	REDN	5051300	BOIS DE SIOUX RIVER NEAR DORAN, MN	AG	08/24/95	0.21	--
AITKIN	UMIS	5217600	MISSISSIPPI RIVER AT JACOBSON, MN	MIXED	08/03/98	0.0177	--
ANOKA	UMIS	5283500	MISSISSIPPI RIVER AT ANOKA, MN	MIXED	08/06/98	0.0838	--
ANOKA	UMIS	5286798	FORD BROOK ON GREEN VALLEY ROAD I	URBAN	09/16/97	0.0825	--
ANOKA	UMIS	5288475	COON CREEK AT 131 STREET IN COON RA	URBAN	09/25/97	0.00491	--
ANOKA	UMIS	5288487	SAND CREEK AT XEON STREET IN COON	URBAN	09/26/97	0.00402	--
ANOKA	UMIS	5288598	RICE CREEK AT CENTRAL AVE. IN FRIDLI	URBAN	09/15/97	0.0956	--
BELTRAMI	UMIS	5200510	MISSISSIPPI RIVER NEAR BEMIDJI, MN	MIXED	07/28/98	0.0126	--
BLUE EARTH	UMIS	5319360	PERCH CREEK BELOW VERNON CENTER,	AG	08/19/97	0.05	<
BLUE EARTH	UMIS	5320230	COBB RIVER NEAR MAPLETON, MN	AG	08/20/97	0.08	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/24/96	0.066	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/28/96	0.064	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/12/96	0.23	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/17/96	3.6	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/09/96	0.16	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/07/96	0.193	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/26/96	0.178	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	09/03/96	0.1	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	10/02/96	0.0415	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	11/04/96	0.0482	--

County	Study Unit	STA_ID	Sampling Location	Land Use	Sample Date	Atrazine (ppb)	Qualifier
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	12/10/96	0.0496	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	01/13/97	0.0676	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	02/12/97	0.0407	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	03/05/97	0.426	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	03/18/97	0.107	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/08/97	0.059	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/16/97	0.043	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/24/97	0.05	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/28/97	0.0501	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/08/97	0.057	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/08/97	1.63	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/15/97	0.0524	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/22/97	0.0474	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/22/97	0.05	<
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/28/97	0.0746	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/28/97	0.1	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/05/97	0.0825	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/09/97	0.097	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/09/97	0.1	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/18/97	0.103	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/23/97	0.0958	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/23/97	0.13	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/03/97	0.18	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/11/97	0.57	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/11/97	0.47	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/16/97	0.599	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/24/97	0.234	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/31/97	0.138	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/08/97	0.0478	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/08/97	0.1	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/15/97	0.072	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/18/97	0.11	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/20/97	0.0789	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/20/97	0.07	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/26/97	0.0675	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	09/09/97	0.0666	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	09/09/97	0.06	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	10/28/97	0.0464	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	11/20/97	0.0429	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	11/20/97	0.05	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	12/18/97	0.0424	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	12/18/97	0.05	<
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	01/08/98	0.0417	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	01/08/98	0.05	<
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	02/05/98	0.05	<
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	02/19/98	0.151	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	03/18/98	0.0281	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	03/30/98	0.047	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	03/30/98	0.06	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/20/98	0.0328	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/14/98	0.0494	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/14/98	0.05	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/18/98	0.102	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/18/98	0.1	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/04/98	0.159	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/15/98	0.126	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/17/98	0.0616	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	03/25/99	0.0236	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/07/99	0.0465	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/12/99	0.0733	--

County	Study Unit	STA_ID	Sampling Location	Land Use	Sample Date	Atrazine (ppb)	Qualifier
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/25/99	0.106	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/11/99	7.81	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/29/99	0.337	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/29/99	0.299	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/19/99	0.0977	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	09/30/99	0.0687	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	10/20/99	0.0573	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	11/02/99	0.0459	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	01/10/00	0.0507	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	01/24/00	0.0378	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	03/05/01	0.0278	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/05/01	0.082	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/04/01	0.0626	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/29/01	0.92	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/24/01	0.255	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/09/01	0.202	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	12/18/01	0.0315	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	02/26/02	0.0213	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/17/02	0.0551	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/07/02	0.0644	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/06/02	0.547	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/25/02	0.352	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/23/02	0.232	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	10/02/02	0.0935	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	02/12/03	0.0387	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/09/03	0.0292	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/06/03	0.054	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/19/03	0.119	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/22/03	0.307	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/06/03	0.148	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	03/17/04	0.105	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/13/04	0.048	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/19/04	0.184	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/04/04	0.382	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/15/04	0.353	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/23/04	0.132	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	10/07/04	0.0852	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	12/16/04	0.0392	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	02/03/05	0.0273	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/21/05	0.0403	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/15/05	0.226	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/03/05	0.116	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	10/12/05	0.042	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	11/03/05	0.0261	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	12/20/05	0.0235	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	01/11/06	0.0236	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	02/22/06	0.0204	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	03/22/06	0.0191	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/05/06	0.0285	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	04/19/06	0.0303	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/03/06	0.206	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	05/16/06	0.061	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/15/06	0.266	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	06/27/06	0.09	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/18/06	0.0707	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	07/25/06	0.007	<
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/01/06	0.0552	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	08/15/06	0.0408	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	09/06/06	0.0268	--
BLUE EARTH	UMIS	5320270	LITTLE COBB RIVER NEAR BEAUFORD, M	AG	09/12/06	0.0309	--
BLUE EARTH	UMIS	5320450	MAPLE RIVER NEAR STERLING CENTER,	AG	08/19/97	0.05	--

County	Study Unit	STA_ID	Sampling Location	Land Use	Sample Date	Atrazine (ppb)	Qualifier
BROWN	UMIS	5316985	SLEEPY EYE CREEK NEAR SPRINGFIELD,	AG	08/13/97	0.17	--
BROWN	UMIS	5317170	LITTLE COTTONWOOD RIVER NEAR SEAI	AG	08/13/97	0.17	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	05/21/96	0.07	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	06/13/96	0.41	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	06/20/96	1.8	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	09/05/96	0.113	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	10/08/96	0.0453	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	11/08/96	0.0467	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	12/09/96	0.0422	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	01/07/97	0.033	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	02/10/97	0.0641	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	03/04/97	0.0745	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	03/17/97	0.0874	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	04/14/97	0.088	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	04/22/97	0.11	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	05/14/97	0.0611	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	06/04/97	0.0653	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	06/24/97	0.144	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	07/01/97	1.09	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	07/17/97	0.465	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	08/13/97	0.162	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	09/04/97	0.0936	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	10/15/97	0.049	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	11/24/97	0.0366	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	12/17/97	0.0407	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	01/14/98	0.0281	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	02/13/98	0.0623	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	03/02/98	0.0526	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	04/02/98	0.0567	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	04/15/98	0.0308	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	05/13/98	0.037	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	05/19/98	0.122	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	06/02/98	0.202	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	06/26/98	1.09	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	07/16/98	0.224	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	08/13/98	0.0916	--
CARVER	UMIS	5330000	MINNESOTA RIVER NEAR JORDAN, MN	MIXED	09/03/98	0.164	--
CARVER	UMIS	5330702	EAST CHASKA CREEK AT U.S. HWY. 212 I	URBAN	09/26/97	0.0305	--
CASS	UMIS	5201550	MISSISSIPPI RIVER AT HWY 2 NEAR BALI	MIXED	07/29/98	0.0227	--
CHIPPEWA	UMIS	5303900	SHAKOPEE CREEK NEAR LOURISTON, MN	AG	08/11/97	0.12	--
CHIPPEWA	UMIS	5304795	DRY WEATHER CREEK NEAR WATSON, M	AG	08/12/97	0.05	<
CLEARWATER	UMIS	5200020	MISSISSIPPI RIVER AT HWY 200 NEAR LA	MIXED	07/27/98	0.0126	--
CROW WING	UMIS	5261000	MISSISSIPPI RIVER NEAR FORT RIPLEY, M	MIXED	08/05/98	0.0321	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/18/96	0.044	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	05/15/96	0.057	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	06/19/96	0.19	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	07/22/96	0.088	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	08/13/96	0.067	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	09/10/96	0.0778	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	10/04/96	0.0491	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	11/18/96	0.0321	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	12/05/96	0.0342	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	01/09/97	0.031	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	02/05/97	0.0283	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	03/14/97	0.044	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/12/97	0.067	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/23/97	0.083	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	05/07/97	0.059	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	06/03/97	0.0606	--

County	Study Unit	STA_ID	Sampling Location	Land Use	Sample Date	Atrazine (ppb)	Qualifier
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	06/26/97	0.0585	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	07/03/97	0.484	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	08/12/97	0.15	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	09/02/97	0.078	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	10/07/97	0.0372	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	11/25/97	0.0256	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	12/16/97	0.0248	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	01/15/98	0.0248	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	02/11/98	0.0278	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	03/04/98	0.001	<
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/07/98	0.0377	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/23/98	0.0283	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	05/06/98	0.0309	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	05/20/98	0.175	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	06/09/98	0.222	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	07/09/98	0.356	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	08/11/98	0.0876	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	09/02/98	0.061	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	03/11/99	0.0236	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/05/99	0.0214	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	05/11/99	0.045	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	05/26/99	0.095	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	06/22/99	0.765	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	07/13/99	0.369	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	08/04/99	0.173	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	09/14/99	0.0687	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	10/12/99	0.0294	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	11/18/99	0.0246	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	01/04/00	0.0253	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	01/20/00	0.0324	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	03/07/00	0.0473	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/25/00	0.0714	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	06/15/00	0.557	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	07/06/00	0.208	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	08/30/00	0.0445	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	09/07/00	0.0318	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	10/02/00	0.103	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	11/14/00	0.0136	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	12/27/00	0.0197	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	01/29/01	0.0257	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	03/08/01	0.0192	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/19/01	0.051	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	05/29/01	0.0887	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	06/25/01	0.96	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	07/25/01	0.257	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	08/07/01	0.136	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	09/25/01	0.039	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	10/24/01	0.0299	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	12/17/01	0.0271	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	02/12/02	0.0268	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/24/02	0.0395	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	05/06/02	0.0429	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	06/11/02	0.957	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	07/26/02	0.23	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	08/14/02	0.196	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	10/10/02	0.0755	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	02/14/03	0.0309	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/01/03	0.0334	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	05/07/03	0.0422	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	06/17/03	0.364	--

County	Study Unit	STA_ID	Sampling Location	Land Use	Sample Date	Atrazine (ppb)	Qualifier
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	07/24/03	0.27	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	08/07/03	0.132	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	10/29/03	0.0344	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	12/18/03	0.0293	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	01/22/04	0.0338	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	04/15/04	0.0306	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	05/25/04	0.18	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	06/03/04	0.93	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	07/13/04	0.411	--
DAKOTA	UMIS	5331580	MISSISSIPPI RIVER BELOW L&D #2 AT HA	MIXED	08/13/04	0.189	--
FARIBAULT	UMIS	5317811	WEST BRANCH BLUE EARTH RIVER ABO'	AG	08/20/97	0.06	--
FARIBAULT	UMIS	5317828	COON CREEK AT U.S. HWY. 169 NEAR BLU	AG	08/20/97	0.05	--
FARIBAULT	UMIS	5318050	EAST BRANCH BLUE EARTH RIVER BELO	AG	08/20/97	0.07	--
GOODHUE	UMIS	5355250	MISSISSIPPI RIVER AT RED WING, MN	MIXED	04/15/97	0.058	--
GOODHUE	UMIS	5355250	MISSISSIPPI RIVER AT RED WING, MN	MIXED	04/29/97	0.0651	--
GOODHUE	UMIS	5355250	MISSISSIPPI RIVER AT RED WING, MN	MIXED	06/16/97	0.0632	--
GOODHUE	UMIS	5355250	MISSISSIPPI RIVER AT RED WING, MN	MIXED	07/07/97	0.468	--
GOODHUE	UMIS	5355250	MISSISSIPPI RIVER AT RED WING, MN	MIXED	08/12/98	0.0879	--
GOODHUE	UMIS	5355250	MISSISSIPPI RIVER AT RED WING, MN	MIXED	12/22/98	0.0225	--
GOODHUE	UMIS	5355250	MISSISSIPPI RIVER AT RED WING, MN	MIXED	01/19/99	0.0211	--
HENNEPIN	UMIS	5287890	ELM CREEK NR CHAMPLIN, MN	URBAN	09/24/97	0.0268	--
HENNEPIN	UMIS	5288500	MISSISSIPPI RIVER NEAR ANOKA, MN	MIXED	01/10/97	0.0284	--
HENNEPIN	UMIS	5288500	MISSISSIPPI RIVER NEAR ANOKA, MN	MIXED	04/10/97	0.058	--
HENNEPIN	UMIS	5288500	MISSISSIPPI RIVER NEAR ANOKA, MN	MIXED	08/07/98	0.0739	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/22/96	0.022	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/11/96	0.02	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	01/22/97	0.001	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	02/06/97	0.001	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	03/10/97	0.001	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	03/20/97	0.001	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	03/26/97	0.015	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/10/97	0.001	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/17/97	0.011	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/25/97	0.01	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/01/97	0.0273	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/09/97	0.05	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/13/97	0.031	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/19/97	0.394	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/27/97	0.0998	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/29/97	0.133	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/06/97	0.151	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/13/97	0.0642	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/15/97	0.186	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/24/97	0.0714	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/01/97	0.0506	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/07/97	0.0485	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/10/97	0.0362	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/11/97	0.0207	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/15/97	0.0297	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/19/97	0.016	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/22/97	0.0116	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/30/97	0.0217	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/08/97	0.0138	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/14/97	0.001	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/18/97	0.00657	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/25/97	0.00831	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/09/97	0.00788	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/29/97	0.00932	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	10/14/97	0.00952	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	11/04/97	0.00684	--

County	Study Unit	STA_ID	Sampling Location	Land Use	Sample Date	Atrazine (ppb)	Qualifier
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	12/10/97	0.001	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	01/12/98	0.00407	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	02/10/98	0.00412	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	03/17/98	0.00528	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	03/27/98	0.00534	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/06/98	0.00867	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/08/98	0.0698	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/27/98	0.101	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/11/98	0.108	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/08/98	0.0223	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/20/98	0.001	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/10/98	0.00626	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	03/23/99	0.00666	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/30/99	0.00784	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/02/99	0.0511	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/30/99	0.0936	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/08/99	0.0626	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/03/99	0.019	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/13/99	0.0144	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	10/05/99	0.0101	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	11/04/99	0.00944	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	12/07/99	0.00703	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	01/26/00	0.00357	E
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	03/07/01	0.007	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/03/01	0.0082	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/02/01	0.0583	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/26/01	0.0771	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/23/01	0.0432	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/06/01	0.0183	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/27/01	0.0043	E
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	10/17/01	0.007	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	12/19/01	0.0108	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	02/14/02	0.007	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/16/02	0.0848	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/08/02	0.412	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/13/02	0.83	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/22/02	0.0411	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/15/02	0.043	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/11/02	0.0327	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	10/09/02	0.0279	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	02/11/03	0.007	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/10/03	0.0162	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/08/03	0.0599	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/18/03	0.108	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/23/03	0.024	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/05/03	0.0093	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/23/03	0.007	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	10/28/03	0.007	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	12/15/03	0.0049	E
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	01/20/04	0.007	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/14/04	0.0061	E
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/17/04	0.468	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/02/04	0.197	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/12/04	0.0938	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/25/04	0.0249	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/28/04	0.0164	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	11/16/04	0.0146	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	01/25/05	0.007	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	03/15/05	0.0205	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/11/05	0.487	--

County	Study Unit	STA_ID	Sampling Location	Land Use	Sample Date	Atrazine (ppb)	Qualifier
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/15/05	0.014	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/09/05	0.0396	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	10/13/05	0.0306	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	11/07/05	0.0133	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	12/22/05	0.0087	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	01/12/06	0.0134	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	02/23/06	0.0064	E
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	03/23/06	0.0169	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/06/06	0.0178	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	04/20/06	0.0331	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/01/06	0.247	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/04/06	0.132	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/12/06	0.132	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	05/18/06	0.0625	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/14/06	0.0887	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	06/28/06	0.0427	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/17/06	0.0098	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/19/06	0.0143	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	07/26/06	0.0109	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/02/06	0.014	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/14/06	0.01	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/17/06	0.0084	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	08/23/06	0.007	<
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/07/06	0.0089	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/08/06	0.0114	--
HENNEPIN	UMIS	5288705	SHINGLE CREEK AT QUEEN AVE IN MINN	URBAN	09/22/06	0.0091	--
HENNEPIN	UMIS	5288839	BASSETT CREEK AT DRESDEN LANE IN G	URBAN	09/15/97	0.0246	--
HENNEPIN	UMIS	5289600	MINNEHAHA CREEK AT NICOLLET AVE. I	URBAN	09/24/97	0.0459	--
HENNEPIN	UMIS	5330750	RILEY CREEK AT MOUTH IN EDEN PRAIR	URBAN	09/25/97	0.097	--
HENNEPIN	UMIS	5330801	PURGATORY CREEK AT PIONEER TR. IN E	URBAN	09/25/97	0.0123	--
KANDIYOHI	UMIS	5276005	NORTH FORK CROW RIVER ABOVE PAYN	AG	06/17/97	0.0868	--
KANDIYOHI	UMIS	5276005	NORTH FORK CROW RIVER ABOVE PAYN	AG	06/30/97	1.39	--
MARTIN	UMIS	5318240	ELM CREEK NEAR NORTHROP, MN	AG	08/14/97	0.05	<
MORRISON	UMIS	5267000	MISSISSIPPI RIVER NEAR ROYALTON, MN	MIXED	04/21/97	0.007	--
MORRISON	UMIS	5267000	MISSISSIPPI RIVER NEAR ROYALTON, MN	MIXED	06/05/97	0.0373	--
MORRISON	UMIS	5267000	MISSISSIPPI RIVER NEAR ROYALTON, MN	MIXED	07/02/97	0.0609	--
RAMSEY	UMIS	5331050	BATTLE CREEK BELOW MCKNIGHT ROAI	URBAN	09/29/97	0.0171	--
RENVILLE	UMIS	5313780	HAWK CREEK NEAR MAYNARD, MN	OTHER	08/11/97	0.13	--
RENVILLE	UMIS	5314510	CHETOMBA CREEK NEAR RENVILLE, MN	AG	08/25/97	0.1	--
SHERBURNE	UMIS	5270700	MISSISSIPPI RIVER AT ST. CLOUD, MN	MIXED	08/06/98	0.0644	--
SIBLEY	UMIS	5326150	RUSH RIVER NEAR NEW ROME, MN	AG	08/28/97	0.23	--
SIBLEY	UMIS	5326250	SOUTH BRANCH RUSH RIVER NEAR RUSI	AG	08/21/97	0.19	--
SIBLEY	UMIS	5326700	HIGH ISLAND CREEK NEAR ARLINGTON,	AG	08/28/97	0.17	--
WASECA	UMIS	5320080	LE SUEUR RIVER NEAR WILTON, MN	AG	08/18/97	0.24	--
WATONWAN	UMIS	5318630	WATONWAN RIVER NEAR ST. JAMES, MN	AG	08/15/97	0.1	--
WATONWAN	UMIS	5318730	ST JAMES CREEK ABV BUTTERFIELD CK	AG	08/21/97	0.1	--
WATONWAN	UMIS	5319050	SOUTH FORK WATONWAN RIVER NEAR S	AG	08/19/97	0.05	--

APPENDIX 8 Safe Drinking Water Act Groundwater Compliance Monitoring Atrazine Data Minnesota Department of Health, 2000-2006

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1010001	Aitkin	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1010001	Aitkin	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1010002	Aitkin Mobile Home Park	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1010012	Pioneer Villa Apartments	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1010016	McGregor	gwat	2005	0.08	0.05	0.15	4	0	0.1	0.3
MN1020001	Anoka	gwat	2002	0.15	0.15	0.15	4	0	0.3	0.3
MN1020001	Anoka	gwat	2005	0.08	0.05	0.15	4	0	0.1	0.3
MN1020006	Blaine	gwat	2000	0.15	0.15	0.15	3	0	0.3	0.3
MN1020006	Blaine	gwat	2002	0.15	0.15	0.15	4	0	0.3	0.3
MN1020006	Blaine	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1020006	Blaine	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1020013	Circle Pines	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1020013	Circle Pines	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1020014	Baldwin Lake Estates	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1020014	Baldwin Lake Estates	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1020014	Baldwin Lake Estates	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1020017	Coon Rapids	gwat	2000	0.15	0.15	0.15	6	0	0.3	0.3
MN1020017	Coon Rapids	gwat	2002	0.15	0.15	0.15	6	0	0.3	0.3
MN1020017	Coon Rapids	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1020017	Coon Rapids	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1020023	Lino Lakes	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1020023	Lino Lakes	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1020026	Oak Terrace Estates, Inc.	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1020029	Spring Lake Park	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1020029	Spring Lake Park	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1020030	Linwood Terrace, Inc.	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1020031	Fridley	gwat	2002	0.15	0.15	0.15	4	0	0.3	0.3
MN1020031	Fridley	gwat	2004	0.15	0.15	0.15	3	0	0.3	0.3
MN1020031	Fridley	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1020031	Fridley	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1020034	Andover	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1020034	Andover	gwat	2001	0.15	0.15	0.15	3	0	0.3	0.3
MN1020034	Andover	gwat	2003	0.15	0.15	0.15	8	0	0.3	0.3
MN1020034	Andover	gwat	2004	0.15	0.15	0.15	3	0	0.3	0.3
MN1020034	Andover	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1020035	Ramsey	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1020035	Ramsey	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1020035	Ramsey	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1020035	Ramsey	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1020036	Centerville	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1020041	Ham Lake Apartments	gwat	2005	0.08	0.05	0.15	8	0	0.1	0.3
MN1020042	East Bethel	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1030003	Twin Haven Estates	gwat	2000	0.15	0.15	0.15	5	0	0.3	0.3
MN1030003	Twin Haven Estates	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1030006	Oak Grove Mobile Home Park	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1030006	Oak Grove Mobile Home Park	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1030010	Kountry Manor Mobile Home Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1030010	Kountry Manor Mobile Home Park	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1030022	Brandy Lake Estates	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1030022	Brandy Lake Estates	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1040001	Elpine Village	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1040002	Bemidji	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1040002	Bemidji	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1040007	Birchlane Trailer Court	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1040007	Birchlane Trailer Court	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1040007	Birchlane Trailer Court	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1040009	Little Norway Trailer Court	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1040009	Little Norway Trailer Court	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1040014	Blackduck	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1040017	Kelliher	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1040024	Northern Trailer Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1040024	Northern Trailer Park	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1040026	Secluded Acres	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1040026	Secluded Acres	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1040026	Secluded Acres	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1040027	Woodland Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1040027	Woodland Mobile Home Park	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1040027	Woodland Mobile Home Park	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1040030	Grass Lake Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1040030	Grass Lake Mobile Home Park	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1040031	Oak Hills Fellowship Bible Col	gwat	2002	0.15	0.15	0.15	3	0	0.3	0.3
MN1040032	Pine Valley Mobile Home Park	gwat	2001	0.15	0.15	0.15	3	0	0.3	0.3
MN1040032	Pine Valley Mobile Home Park	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1040033	Country Lane Mobile Home Park	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1050001	Foley	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1050001	Foley	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1050001	Foley	gwat	2006	0.05	0.05	0.05	5	0	0.1	0.1
MN1050002	Rice	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1050002	Rice	gwat	2002	0.40	0.40	0.40	1	1	0.3	0.3
MN1050002	Rice	gwat	2005	0.20	0.20	0.20	1	1	0.3	0.3
MN1050003	Rockwood Estates	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1050003	Rockwood Estates	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1050003	Rockwood Estates	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1050003	Rockwood Estates	gwat	2005	0.10	0.05	0.15	2	0	0.1	0.3
MN1050003	Rockwood Estates	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1050004	Sauk Rapids	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1050004	Sauk Rapids	gwat	2003	0.15	0.15	0.15	6	0	0.3	0.3
MN1050004	Sauk Rapids	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1050004	Sauk Rapids	gwat	2005	0.10	0.05	0.15	2	0	0.1	0.3
MN1050004	Sauk Rapids	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1050005	Fishers Garden Mobile Home Par	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1050005	Fishers Garden Mobile Home Par	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1050005	Fishers Garden Mobile Home Par	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1050009	Benton Utilities LLC	gwat	2003	0.15	0.15	0.15	3	0	0.3	0.3
MN1050009	Benton Utilities LLC	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1050009	Benton Utilities LLC	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1060002	Beardsley	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1060002	Beardsley	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1060007	Odessa	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1060007	Odessa	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1060008	Ortonville	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1060008	Ortonville	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1060009	Big Stone Hutterite	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1060010	Lismore Colony	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1070012	Hillcrest Health Care Center	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1070012	Hillcrest Health Care Center	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1070015	Pemberton	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1070019	Vernon Center	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1070020	Southview Heights	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1070022	Riverbend Estates	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1070022	Riverbend Estates	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1080003	New Ulm	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1080003	New Ulm	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1080004	Skyview Mobile Villa	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1080008	Springfield	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1090001	Barnum	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1090001	Barnum	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1090003	Carlton	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1090003	Carlton	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1090005	Cloquet	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Detection Limits (ppb) Max
MN1090005	Cloquet	gwat	2002	0.15	0.15	0.15	8	0	0.3	0.3
MN1090007	Cromwell	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1090007	Cromwell	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1090008	Kettle River	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1090008	Kettle River	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1090008	Kettle River	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1090009	Moose Lake	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1090010	MN Correctional Facility - Moo	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1090013	Wrenshall	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1090013	Wrenshall	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1090016	Villa Vista Care Center	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1090017	Thomson	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1090017	Thomson	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1100001	Chanhassen	gwat	2000	0.15	0.15	0.15	3	0	0.3	0.3
MN1100002	Chaska	gwat	2005	0.10	0.05	0.15	2	0	0.1	0.3
MN1100004	Cologne	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1100005	Hamburg	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1100006	Mayer	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1100007	New Germany	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1100009	Victoria	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1100012	Watertown	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1110001	Ah Gwah Ching Center	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1110001	Ah Gwah Ching Center	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1110008	Hackensack	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1110008	Hackensack	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1110011	Remer	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1110013	Walker	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1110013	Walker	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1110013	Walker	gwat	2005	0.05	0.05	0.05	4	0	0.1	0.1
MN1110013	Walker	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1110019	Pine River	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1110019	Pine River	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1110019	Pine River	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1110032	Shingobee Island	gwat	2002	0.15	0.15	0.15	4	0	0.3	0.3
MN1110033	Timberlane Estates	gwat	2005	0.05	0.05	0.05	4	0	0.1	0.1
MN1110033	Timberlane Estates	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1110034	Townsedge Estates	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1110034	Townsedge Estates	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1120002	Maynard	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1120002	Maynard	gwat	2005	0.08	0.05	0.15	3	0	0.1	0.3
MN1120003	Milan	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1120003	Milan	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1120004	Montevideo	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1130001	Center City	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1130005	Harris	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1130005	Harris	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1130005	Harris	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1130007	Lindstrom	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1130007	Lindstrom	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1130009	Elms Estates, Inc.	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1130010	Blue Waters Mobile Home Park	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1130013	Rush City	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1130013	Rush City	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1130017	Taylors Falls	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1130017	Taylors Falls	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1130017	Taylors Falls	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1130018	Wyoming	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1130020	Riverbend Mobile Home Park, In	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1140001	Barnesville	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1140001	Barnesville	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Detection Limits (ppb) Max
MN1140002	Comstock	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1140010	Sabin	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1140010	Sabin	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1140013	Brentwood Acres	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1140014	Georgetown	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1140020	Spring Prairie Colony	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1140020	Spring Prairie Colony	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1150001	Bagley	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1150001	Bagley	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1150005	Gonvick	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1170002	Jeffers	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1170002	Jeffers	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1170002	Jeffers	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1170006	Windom	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1170011	Neuhof Hutterian Brethren	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1180002	Brainerd	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1180002	Brainerd	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1180005	Lazy Acres Trailer Park	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1180005	Lazy Acres Trailer Park	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1180008	Crosby	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1180008	Crosby	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1180008	Crosby	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1180016	Bob's Trailer Park	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1180016	Bob's Trailer Park	gwat	2006	0.05	0.05	0.05	3	0	0.1	0.1
MN1180017	Ironton	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1180017	Ironton	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1180019	Pequot Lakes	gwat	2001	0.15	0.15	0.15	4	0	0.3	0.3
MN1180019	Pequot Lakes	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1180019	Pequot Lakes	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1180028	Chatham Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1180030	Crow Wing Estates	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1180030	Crow Wing Estates	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1180032	Interlachen	gwat	2000	0.15	0.15	0.15	4	0	0.3	0.3
MN1180034	Heritage House of Pequot Lakes	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1180034	Heritage House of Pequot Lakes	gwat	2002	0.15	0.15	0.15	3	0	0.3	0.3
MN1180035	White Pine Villas	gwat	2005	0.08	0.05	0.15	4	0	0.1	0.3
MN1180035	White Pine Villas	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1180036	East Shore Landing	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1190001	Apple Valley	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1190001	Apple Valley	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1190002	Burnsville	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1190007	Eagan	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1190008	Farmington	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1190008	Farmington	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1190010	Hampton	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1190010	Hampton	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1190010	Hampton	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1190011	New Trier	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1190012	Hastings	gwat	2004	0.15	0.15	0.15	8	0	0.3	0.3
MN1190013	Minnesota Veterans Home	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1190013	Minnesota Veterans Home	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1190014	Inver Grove Heights	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1190014	Inver Grove Heights	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1190014	Inver Grove Heights	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1190015	Lakeville	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1190015	Lakeville	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1190016	Queen Anne Court	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1190016	Queen Anne Court	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1190020	South Saint Paul	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1190021	Southridge Mobile Home Park	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Detection Limits (ppb) Max
MN1190022	Lexington Riverside Condominiu	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1190025	Randolph	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1190028	Vermillion	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1190029	Visitation Convent	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1210001	Alexandria	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1210001	Alexandria	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1210002	Hi View Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1210002	Hi View Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1210004	Cedar Hills Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1210004	Cedar Hills Mobile Home Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1210004	Cedar Hills Mobile Home Park	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1210010	Carlos	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1210010	Carlos	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1210010	Carlos	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1210018	Don's Lakeview Mobile Home Par	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1210018	Don's Lakeview Mobile Home Par	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1210018	Don's Lakeview Mobile Home Par	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1210018	Don's Lakeview Mobile Home Par	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1220002	Bricelyn	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1220005	Easton	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1220005	Easton	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1220009	Walters	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1230001	Canton	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1230001	Canton	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1230002	Chatfield	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1230002	Chatfield	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1230005	Harmony	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1230005	Harmony	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1240010	Glenville	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1250001	Cannon Falls	gwat	2000	0.15	0.15	0.15	4	0	0.3	0.3
MN1250001	Cannon Falls	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1250001	Cannon Falls	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1250001	Cannon Falls	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1250001	Cannon Falls	gwat	2005	0.15	0.15	0.15	2	0	0.3	0.3
MN1250005	Goodhue	gwat	2000	0.93	0.60	1.20	4	4	0.3	0.3
MN1250005	Goodhue	gwat	2001	0.80	0.80	0.80	1	1		
MN1250005	Goodhue	gwat	2002	0.80	0.80	0.80	1	1	0.3	0.3
MN1250005	Goodhue	gwat	2005	0.50	0.50	0.50	1	1	0.3	0.3
MN1250005	Goodhue	gwat	2006	0.40	0.40	0.40	1	1	0.1	0.1
MN1250007	Kenyon	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1250007	Kenyon	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1250012	Pine Island	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1250012	Pine Island	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1250013	Red Wing	gwat	2006	0.05	0.05	0.05	8	0	0.1	0.1
MN1250015	Twin Fawn Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1250015	Twin Fawn Mobile Home Park	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1250017	MN Correctional Facility - Red	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1250017	MN Correctional Facility - Red	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1250017	MN Correctional Facility - Red	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1250020	Zumbrota	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1260002	Barrett	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1260002	Barrett	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1260002	Barrett	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1260006	Hoffman	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1260006	Hoffman	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1260007	Norcross	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1260007	Norcross	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1260007	Norcross	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1270002	Krestwood Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1270002	Krestwood Mobile Home Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1270004	Brooklyn Center	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1270004	Brooklyn Center	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1270004	Brooklyn Center	gwat	2004	0.15	0.15	0.15	10	0	0.3	0.3
MN1270005	Brooklyn Park	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1270005	Brooklyn Park	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1270005	Brooklyn Park	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1270010	Eden Prairie	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1270010	Eden Prairie	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1270010	Eden Prairie	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1270010	Eden Prairie	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1270011	Edina	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1270011	Edina	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1270011	Edina	gwat	2004	0.15	0.15	0.15	3	0	0.3	0.3
MN1270016	Hopkins	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1270016	Hopkins	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1270019	Loretto	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1270019	Loretto	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1270020	Maple Grove	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1270020	Maple Grove	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1270025	Sun Valley Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1270026	Woodlawn Terrace Mobile Home P	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1270026	Woodlawn Terrace Mobile Home P	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1270036	Minnetrista	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1270036	Minnetrista	gwat	2001	0.15	0.15	0.15	5	0	0.3	0.3
MN1270036	Minnetrista	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1270038	Mound	gwat	2006	0.05	0.05	0.05	3	0	0.1	0.1
MN1270039	Minnetonka Highland Mobile Hom	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1270039	Minnetonka Highland Mobile Hom	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1270042	Osseo	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1270043	Dayton Park Properties	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1270043	Dayton Park Properties	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1270045	Richfield	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1270045	Richfield	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1270045	Richfield	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1270047	Rogers	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1270047	Rogers	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1270047	Rogers	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1270048	Saint Anthony Village	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1270050	Saint Louis Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1270050	Saint Louis Park	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1270050	Saint Louis Park	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1270050	Saint Louis Park	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1270051	Shorewood	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1270051	Shorewood	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1270051	Shorewood	gwat	2005	0.10	0.05	0.15	2	0	0.1	0.3
MN1270060	Diplomat Apartments	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1270061	Riverview Apartment Partnershi	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1270062	West Broadway Apartments	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1270062	West Broadway Apartments	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1270066	Countryside Estates	gwat	2005	0.05	0.05	0.05	3	0	0.1	0.1
MN1270069	Riverview Estates Apartments	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1270069	Riverview Estates Apartments	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1270069	Riverview Estates Apartments	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1270070	Champlin Crossings	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1270070	Champlin Crossings	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1270073	Dayton	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1270073	Dayton	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1270073	Dayton	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1280002	Caledonia	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1280002	Caledonia	gwat	2003	0.15	0.15	0.15	3	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1280004	Hokah	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1280004	Hokah	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1280005	Houston	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1280010	Spring Grove	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1280010	Spring Grove	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1290001	Akeley	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1290001	Akeley	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1290001	Akeley	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1290003	Park Rapids	gwat	2003	0.15	0.15	0.15	8	0	0.3	0.3
MN1290003	Park Rapids	gwat	2005	0.05	0.05	0.05	3	0	0.1	0.1
MN1290003	Park Rapids	gwat	2006	0.05	0.05	0.05	3	0	0.1	0.1
MN1290008	Piney Park Mobile Home Park	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1290008	Piney Park Mobile Home Park	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1290010	Nevis	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1290010	Nevis	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1290011	Sundsruds Court	gwat	2000	0.15	0.15	0.15	4	0	0.3	0.3
MN1290011	Sundsruds Court	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1290011	Sundsruds Court	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1290012	Laporte	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1290012	Laporte	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1300001	Braham	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1300001	Braham	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1300001	Braham	gwat	2005	0.08	0.05	0.15	4	0	0.1	0.3
MN1300002	Cambridge	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1300002	Cambridge	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1300002	Cambridge	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1300003	Pine Village, Inc.	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1300006	Isanti Estates	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1300006	Isanti Estates	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1300006	Isanti Estates	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1300006	Isanti Estates	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1310003	Bovey	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1310003	Bovey	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1310004	Calumet	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1310004	Calumet	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1310004	Calumet	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1310006	Coleraine	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1310010	Country Acres Trailer Court	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1310010	Country Acres Trailer Court	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1310011	Grand Rapids	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1310011	Grand Rapids	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1310011	Grand Rapids	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1310013	Lakeview Terrace	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1310013	Lakeview Terrace	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1310014	Midway Trailer Park	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1310014	Midway Trailer Park	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1310015	Paradise Park Mobile Home Park	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1310017	River Road Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1310021	Keewatin	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1310021	Keewatin	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1310023	Marble	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1310023	Marble	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1310024	Nashwauk	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1310024	Nashwauk	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1310028	Taconite	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1310028	Taconite	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1310029	Thistledew Lake Camp	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1310029	Thistledew Lake Camp	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1310034	Acheson Mobile Home Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1330001	Mora	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1330001	Mora	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1330004	Ogilvie	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1330004	Ogilvie	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1330005	Pine Land Mobile Home Park (Ca	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1330005	Pine Land Mobile Home Park (Ca	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1340001	Atwater	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1340001	Atwater	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1340006	Pennock	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1340007	Prinsburg	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1340007	Prinsburg	gwat	2006	0.05	0.05	0.05	3	0	0.1	0.1
MN1340008	Raymond	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1340008	Raymond	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1340008	Raymond	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1340016	Willmar	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1340016	Willmar	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1340020	North Roseland Water Associati	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1340020	North Roseland Water Associati	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1350006	North Kittson Rural Water	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1350006	North Kittson Rural Water	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1360001	Big Falls	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1360001	Big Falls	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1360001	Big Falls	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1360004	Littlefork	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1360004	Littlefork	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1360005	Northome	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1370001	Bellingham	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1370003	Dawson	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1370003	Dawson	gwat	2004	0.15	0.15	0.15	3	0	0.3	0.3
MN1370003	Dawson	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1380007	Lookout Mountain Village	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1380007	Lookout Mountain Village	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1380007	Lookout Mountain Village	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1400001	Cleveland	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1400003	Elysian	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1400005	Kasota	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1400005	Kasota	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1400006	Valley Mobile Home Park	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1400006	Valley Mobile Home Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1400010	LeSueur	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1400010	LeSueur	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1400010	LeSueur	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1400013	New Prague	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1410007	Lincoln-Pipestone Rural Water	gwat	2004	0.15	0.15	0.15	5	0	0.3	0.3
MN1420001	Balaton	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1420001	Balaton	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1420006	Marshall	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1420006	Marshall	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1430001	Biscay	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1430001	Biscay	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1430006	Lester Prairie	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1430007	Plato	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1430010	Winsted	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1430010	Winsted	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1440002	Mahnomen	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1440002	Mahnomen	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1440002	Mahnomen	gwat	2005	0.10	0.05	0.15	2	0	0.1	0.3
MN1440004	Waubun	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1440004	Waubun	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1450002	Argyle	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1450002	Argyle	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1450002	Argyle	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1450004	Kittson-Marshall Rural Water S	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1450004	Kittson-Marshall Rural Water S	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1450013	Holt	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1450013	Holt	gwat	2005	0.08	0.05	0.15	5	0	0.1	0.3
MN1460006	Northrop	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1470003	Dassel	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1470003	Dassel	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1470008	Litchfield	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1470008	Litchfield	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1470008	Litchfield	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1470011	Cosmos	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1470012	Eden Valley	gwat	2002	0.15	0.15	0.15	4	0	0.3	0.3
MN1480001	Isle	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1480001	Isle	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1480001	Isle	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1480002	Milaca	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1480002	Milaca	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1480004	Green Acres Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1480008	Princeton	gwat	2000	0.15	0.15	0.15	3	0	0.3	0.3
MN1480008	Princeton	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1480008	Princeton	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1480008	Princeton	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1480008	Princeton	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1480011	Mille Lacs Island Resort	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1480011	Mille Lacs Island Resort	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1480014	Foreston	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1480014	Foreston	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1480016	Bock	gwat	2002	0.15	0.15	0.15	4	0	0.3	0.3
MN1480016	Bock	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1490001	Buckman	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1490001	Buckman	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1490001	Buckman	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1490002	Little Falls	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1490002	Little Falls	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1490002	Little Falls	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1490004	Rich Prairie Sewer and Water D	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1490004	Rich Prairie Sewer and Water D	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1490005	Randall	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1490005	Randall	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1490006	Royalton	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1490006	Royalton	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1490007	Swanville	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1490007	Swanville	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1490008	Upsala	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1500002	Austin	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1500002	Austin	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1500002	Austin	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1500002	Austin	gwat	2004	0.15	0.15	0.15	6	0	0.3	0.3
MN1500003	Austin Mobile Home Park	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1500003	Austin Mobile Home Park	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1500006	Dexter	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1500011	Lyle	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1500012	Racine	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1500013	Mapleview	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1500014	Rose Creek	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1500015	Sargeant	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1500015	Sargeant	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1500016	Waltham	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1500016	Waltham	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1500017	Brownsdale	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1500017	Brownsdale	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1500020	Bellemans Addition	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1500020	Bellemans Addition	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1500021	City Limits	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1500021	City Limits	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1500021	City Limits	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1500022	Lansing Township	gwat	2005	0.05	0.05	0.05	4	0	0.1	0.1
MN1500022	Lansing Township	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1510001	Avoca	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1510002	Chandler	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1510007	Iona	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1510008	Lake Wilson	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1520004	Nicollet	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1520004	Nicollet	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1520006	Saint Peter	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1520006	Saint Peter	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1520006	Saint Peter	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1520008	St. Peter Regional Treatment C	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1530001	Adrian	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1530005	Ellsworth	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1530006	Leota	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1530006	Leota	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1530007	Lismore	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1530007	Lismore	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1530008	Round Lake	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1530008	Round Lake	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1530009	Rushmore	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1530011	Worthington	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1530011	Worthington	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1540001	Ada	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1540001	Ada	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1540002	Borup	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1540002	Borup	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1550004	Dover	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1550006	Eyota	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1550006	Eyota	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1550008	Oronoco Estates, Inc.	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1550009	Clearwater Well Company	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1550009	Clearwater Well Company	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1550010	Rochester	gwat	2000	0.15	0.15	0.15	4	0	0.3	0.3
MN1550010	Rochester	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1550010	Rochester	gwat	2002	0.15	0.15	0.15	7	0	0.3	0.3
MN1550010	Rochester	gwat	2003	0.15	0.15	0.15	19	0	0.3	0.3
MN1550010	Rochester	gwat	2004	0.15	0.15	0.15	14	0	0.3	0.3
MN1550010	Rochester	gwat	2006	0.05	0.05	0.05	15	0	0.1	0.1
MN1550012	Whitetail Management	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1550012	Whitetail Management	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1550020	Chester Heights	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1550020	Chester Heights	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1550020	Chester Heights	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1550022	Osjor Well Corporation	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1550022	Osjor Well Corporation	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1550022	Osjor Well Corporation	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1550025	Olmsted County Waste-to-Energy	gwat	2002	0.15	0.15	0.15	3	0	0.3	0.3
MN1550025	Olmsted County Waste-to-Energy	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1550031	Kings Park - Hyland Addition	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1550031	Kings Park - Hyland Addition	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1550031	Kings Park - Hyland Addition	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1550033	Riverwood Hills	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1550035	Briarwood Subdivision	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1560001	Battle Lake	gwat	2002	0.30	0.30	0.30	1	1	0.3	0.3
MN1560001	Battle Lake	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1560004	Battle Lake Mobile Home Park	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1560004	Battle Lake Mobile Home Park	gwat	2004	0.40	0.40	0.40	1	1	0.3	0.3
MN1560005	Otter Tail Nursing Home	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1560005	Otter Tail Nursing Home	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1560005	Otter Tail Nursing Home	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1560016	Henning	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1560016	Henning	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1560016	Henning	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1560016	Henning	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1560018	Parkers Prairie	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1560018	Parkers Prairie	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1560018	Parkers Prairie	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1560019	Pelican Rapids	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1560023	Perham	gwat	2001	0.15	0.15	0.15	6	0	0.3	0.3
MN1560023	Perham	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1560023	Perham	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1560026	Underwood	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1560030	River and Woods Mobile Home Pa	gwat	2004	0.15	0.15	0.15	3	0	0.3	0.3
MN1560030	River and Woods Mobile Home Pa	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1560031	Hidden Acres Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1560031	Hidden Acres Mobile Home Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1560031	Hidden Acres Mobile Home Park	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1570005	Aaseby Court	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1570006	Country Estates Mobile Home Pa	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1570006	Country Estates Mobile Home Pa	gwat	2006	0.05	0.05	0.05	3	0	0.1	0.1
MN1580002	Finlayson	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1580002	Finlayson	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1580002	Finlayson	gwat	2004	0.15	0.15	0.15	3	0	0.3	0.3
MN1580004	Riverside Court Mobile Home Pa	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1580004	Riverside Court Mobile Home Pa	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1580004	Riverside Court Mobile Home Pa	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1580005	Hinckley	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1580005	Hinckley	gwat	2002	0.15	0.15	0.15	5	0	0.3	0.3
MN1580005	Hinckley	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1580010	Sandstone	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1580010	Sandstone	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1580010	Sandstone	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1580014	MN Correctional Facility - Wil	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1580016	Pokegama Estates Community Wel	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1580016	Pokegama Estates Community Wel	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1580017	Brook Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1580017	Brook Park	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1580020	Willow River	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1580023	Cross Lake Housing Development	gwat	2002	0.15	0.15	0.15	4	0	0.3	0.3
MN1580023	Cross Lake Housing Development	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1580023	Cross Lake Housing Development	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1590001	Edgerton	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1590001	Edgerton	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1590001	Edgerton	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1590005	Pipestone Water Utility	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1590005	Pipestone Water Utility	gwat	2002	0.15	0.15	0.15	4	0	0.3	0.3
MN1590005	Pipestone Water Utility	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1590005	Pipestone Water Utility	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1590007	Ruthton	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1600002	Crookston	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1600002	Crookston	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1600002	Crookston	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1600005	Erskine	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1600005	Erskine	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1600005	Erskine	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1600005	Erskine	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1600008	Fertile	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1600008	Fertile	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1600008	Fertile	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1600017	Crossroads Apartments	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1610001	Cyrus	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1610003	Glenwood	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1610008	Starbuck	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1610008	Starbuck	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1610009	Village of Bay Crest	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1610009	Village of Bay Crest	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1610010	Pine Hill Mobile Home Park	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1620007	Saint Paul Trailer Park	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1620007	Saint Paul Trailer Park	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1620009	New Brighton	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1620009	New Brighton	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1620011	North Saint Paul	gwat	2002	0.15	0.15	0.15	6	0	0.3	0.3
MN1620011	North Saint Paul	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1620011	North Saint Paul	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1620016	Town and Country Mobile Home P	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1620018	Terrace Heights Trailer Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1620018	Terrace Heights Trailer Park	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1620019	Thirty-Twenty Estates	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1620020	Shoreview	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1620020	Shoreview	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1620020	Shoreview	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1620024	White Bear Lake	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1620024	White Bear Lake	gwat	2005	0.10	0.05	0.15	2	0	0.1	0.3
MN1620025	White Bear Township	gwat	2000	0.15	0.15	0.15	13	0	0.3	0.3
MN1620025	White Bear Township	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1620025	White Bear Township	gwat	2002	0.15	0.15	0.15	12	0	0.3	0.3
MN1620025	White Bear Township	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1620025	White Bear Township	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1620025	White Bear Township	gwat	2005	0.05	0.05	0.05	4	0	0.1	0.1
MN1620025	White Bear Township	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1620030	Vadnais Heights	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1620030	Vadnais Heights	gwat	2001	0.15	0.15	0.15	3	0	0.3	0.3
MN1620030	Vadnais Heights	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1630002	Plummer	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1640002	Clements	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1640002	Clements	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1640003	Lamberton	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1640003	Lamberton	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1640003	Lamberton	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1640005	Milroy	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1640008	Redwood Falls	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1640008	Redwood Falls	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1640011	Sanborn	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1640012	Vesta	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1640012	Vesta	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1640013	Wabasso	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1640013	Wabasso	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1640015	Wanda	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1640015	Wanda	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1650003	Buffalo Lake	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1650003	Buffalo Lake	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1650005	Fairfax	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1650005	Fairfax	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1650010	Morton	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1650012	Renville	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1650012	Renville	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1650012	Renville	gwat	2005	0.10	0.05	0.15	3	0	0.1	0.3
MN1650012	Renville	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1660002	Faribault	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1660002	Faribault	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1660008	South Cedar Shores Mobile Home	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1660008	South Cedar Shores Mobile Home	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1660010	Northfield	gwat	2002	0.15	0.15	0.15	6	0	0.3	0.3
MN1660010	Northfield	gwat	2006	0.05	0.05	0.05	6	0	0.1	0.1
MN1670004	Luverne	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1670004	Luverne	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1670004	Luverne	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1670004	Luverne	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1670004	Luverne	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1670007	Rock County Rural Water System	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1670007	Rock County Rural Water System	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1670007	Rock County Rural Water System	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1680002	Greenbush	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1680003	Roseau	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1680003	Roseau	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1680004	Oak Manor Mobile Home Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1680008	Lakewood Park and Sales	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1680009	Timberline Mobile Home Park	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1680009	Timberline Mobile Home Park	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1680009	Timberline Mobile Home Park	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1680011	AMG, Inc.	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1680011	AMG, Inc.	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1680012	Northern Lights Mobile Home Pa	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1680012	Northern Lights Mobile Home Pa	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1680013	Woodland Trailer Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1680013	Woodland Trailer Park	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1680014	Springsteel Island Supply	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1680014	Springsteel Island Supply	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1690003	Babbitt	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1690003	Babbitt	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1690003	Babbitt	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1690006	Buhl	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1690006	Buhl	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1690008	Forbes Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1690008	Forbes Mobile Home Park	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1690020	Gilbert	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1690020	Gilbert	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1690020	Gilbert	gwat	2005	0.08	0.05	0.15	4	0	0.1	0.3
MN1690022	Hibbing	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1690022	Hibbing	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1690022	Hibbing	gwat	2003	0.15	0.15	0.15	3	0	0.3	0.3
MN1690022	Hibbing	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1690022	Hibbing	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1690031	Kinney	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1690031	Kinney	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1690031	Kinney	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1690035	Mountain Iron	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1690035	Mountain Iron	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1690038	Orr	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1690038	Orr	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1690045	Breitung	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1690045	Breitung	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1690045	Breitung	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1690048	Floodwood	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1690048	Floodwood	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1690052	Fond Du Lac	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1690060	Scenic Acres	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1700001	Belle Plaine	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1700001	Belle Plaine	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1700001	Belle Plaine	gwat	2003	0.15	0.15	0.15	3	0	0.3	0.3
MN1700005	Valleyview Board and Lodge	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1700005	Valleyview Board and Lodge	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1700005	Valleyview Board and Lodge	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1700007	Prior Lake	gwat	2000	0.15	0.15	0.15	4	0	0.3	0.3
MN1700007	Prior Lake	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1700007	Prior Lake	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1700009	Shakopee	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1700009	Shakopee	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1700009	Shakopee	gwat	2002	0.15	0.15	0.15	17	0	0.3	0.3
MN1700009	Shakopee	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1700009	Shakopee	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1700009	Shakopee	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1700009	Shakopee	gwat	2006	0.05	0.05	0.05	6	0	0.1	0.1
MN1700010	Mobile Manor Mobile Home Park	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1700010	Mobile Manor Mobile Home Park	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1700022	Beckrich Park Estates	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1700025	Stonebrooke Addition II	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1700025	Stonebrooke Addition II	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1710002	Big Lake	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1710002	Big Lake	gwat	2002	0.15	0.15	0.15	10	0	0.3	0.3
MN1710002	Big Lake	gwat	2003	0.15	0.15	0.15	3	0	0.3	0.3
MN1710002	Big Lake	gwat	2005	0.05	0.05	0.05	5	0	0.1	0.1
MN1710002	Big Lake	gwat	2006	0.05	0.05	0.05	5	0	0.1	0.1
MN1710004	Elk River	gwat	2000	0.15	0.15	0.15	4	0	0.3	0.3
MN1710004	Elk River	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1710004	Elk River	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1710004	Elk River	gwat	2006	0.05	0.05	0.05	3	0	0.1	0.1
MN1710005	Sherburne Country Mobile Home	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1710005	Sherburne Country Mobile Home	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1710008	Becker	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1710008	Becker	gwat	2001	0.15	0.15	0.15	3	0	0.3	0.3
MN1710008	Becker	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1710009	Clear Lake	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1710009	Clear Lake	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1710011	Lake Orono Estates	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1710013	Ridges of Rice Lake Housing De	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1720001	Arlington	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1720001	Arlington	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1720002	Gaylord	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1720004	Gibbon	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1720005	Green Isle	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1720007	New Auburn	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1720007	New Auburn	gwat	2005	0.10	0.05	0.15	2	0	0.1	0.3
MN1730001	Albany	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1730001	Albany	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1730002	Avon	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1730002	Avon	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1730002	Avon	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1730004	Belgrade	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1730005	Brooten	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1730006	Cold Spring	gwat	2000	0.15	0.15	0.15	4	0	0.3	0.3
MN1730006	Cold Spring	gwat	2001	0.15	0.15	0.15	4	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Detection Limits (ppb) Max
MN1730006	Cold Spring	gwat	2002	0.19	0.15	0.30	4	1	0.3	0.3
MN1730006	Cold Spring	gwat	2005	0.08	0.05	0.15	7	0	0.1	0.3
MN1730007	Town's Edge Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1730009	Saint John's University	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1730009	Saint John's University	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1730012	Clearwater Forest Mobile Home	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1730012	Clearwater Forest Mobile Home	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1730014	Holdingford	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1730014	Holdingford	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1730015	Kimball	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1730015	Kimball	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1730015	Kimball	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1730015	Kimball	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1730016	Melrose	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1730016	Melrose	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1730017	New Munich	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1730017	New Munich	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1730017	New Munich	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1730018	Paynesville	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1730018	Paynesville	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1730018	Paynesville	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1730022	Richmond	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1730022	Richmond	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1730026	Rockville	gwat	2000	0.15	0.15	0.15	4	0	0.3	0.3
MN1730026	Rockville	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1730026	Rockville	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1730028	Shady Oaks Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1730028	Shady Oaks Mobile Home Park	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1730028	Shady Oaks Mobile Home Park	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1730030	Bel Clare Estates	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1730030	Bel Clare Estates	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1730030	Bel Clare Estates	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1730033	Saint Joseph	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1730033	Saint Joseph	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1730035	Saint Martin	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1730035	Saint Martin	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1730036	Sartell	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1730036	Sartell	gwat	2001	0.15	0.15	0.15	4	0	0.3	0.3
MN1730036	Sartell	gwat	2003	0.15	0.15	0.15	7	0	0.3	0.3
MN1730036	Sartell	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1730037	Sauk Centre	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1730037	Sauk Centre	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1730038	Big Sauk Lake Mobile Home Park	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1730039	Waite Park	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1730039	Waite Park	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1730039	Waite Park	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1730042	Pine View Addition	gwat	2001	0.15	0.15	0.15	4	0	0.3	0.3
MN1730043	Roscoe	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1730043	Roscoe	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1730052	Clearwater Harbor Property, In	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1730052	Clearwater Harbor Property, In	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1730053	Riverview North Apartments	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1730057	Walden Woods	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1730058	Tamarack Court, Inc.	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1730059	Evergreen Hills Mobile Home Pa	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1730059	Evergreen Hills Mobile Home Pa	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1730059	Evergreen Hills Mobile Home Pa	gwat	2004	0.15	0.15	0.15	3	0	0.3	0.3
MN1730060	Crestwood Hills Addition	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1730060	Crestwood Hills Addition	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1730061	Meire Grove Senior Living	gwat	2001	0.15	0.15	0.15	4	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1730061	Meire Grove Senior Living	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1740004	Hope Water Cooperative	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1740004	Hope Water Cooperative	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1740006	Lazy U Community	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1740006	Lazy U Community	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1740007	Owatonna	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1750004	Hancock	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1750005	Morris	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1760001	Appleton	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1760001	Appleton	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1760001	Appleton	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1760005	Holloway	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1760005	Holloway	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1760005	Holloway	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1760006	Kerkhoven	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1760006	Kerkhoven	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1760006	Kerkhoven	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1760008	Benson	gwat	2003	0.15	0.15	0.15	4	0	0.3	0.3
MN1770002	Browerville	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1770002	Browerville	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1770002	Browerville	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1770003	Clarissa	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1770003	Clarissa	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1770003	Clarissa	gwat	2005	0.08	0.05	0.15	3	0	0.1	0.3
MN1770004	Eagle Bend	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1770005	Grey Eagle	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1770007	Long Prairie	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1770007	Long Prairie	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1770011	Staples	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1770011	Staples	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1770011	Staples	gwat	2005	0.05	0.05	0.05	3	0	0.1	0.1
MN1770011	Staples	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1770015	Hewitt	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1770015	Hewitt	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1780001	Browns Valley	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1780001	Browns Valley	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1790001	Elgin	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1790001	Elgin	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1790003	Kellogg	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1790003	Kellogg	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1790003	Kellogg	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1790004	Lake City	gwat	2000	0.15	0.15	0.15	8	0	0.3	0.3
MN1790004	Lake City	gwat	2004	0.15	0.15	0.15	8	0	0.3	0.3
MN1790009	Mazeppa	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1790009	Mazeppa	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1790010	Millville	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1790010	Millville	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1790012	Plainview	gwat	2000	0.23	0.15	0.30	3	1	0.3	0.3
MN1790012	Plainview	gwat	2002	0.40	0.40	0.40	2	2	0.3	0.3
MN1790012	Plainview	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1790013	Wabasha	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1790013	Wabasha	gwat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1790013	Wabasha	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1790015	Zumbro Falls	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1790015	Zumbro Falls	gwat	2001	0.15	0.15	0.15	3	0	0.3	0.3
MN1800003	Verndale	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1800003	Verndale	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1800004	Wadena	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1800004	Wadena	gwat	2001	0.15	0.15	0.15	4	0	0.3	0.3
MN1800004	Wadena	gwat	2002	0.15	0.15	0.15	6	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1800004	Wadena	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1800004	Wadena	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1800005	Bell Hill Recovery Center	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1800005	Bell Hill Recovery Center	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1800005	Bell Hill Recovery Center	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1800006	Pine View Acres	gwat	2005	0.08	0.05	0.15	4	0	0.1	0.3
MN1810004	Waseca	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1820001	Bayport	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1820001	Bayport	gwat	2004	0.15	0.15	0.15	3	0	0.3	0.3
MN1820001	Bayport	gwat	2005	0.15	0.15	0.15	2	0	0.3	0.3
MN1820004	Cottage Grove	gwat	2002	0.15	0.15	0.15	8	0	0.3	0.3
MN1820004	Cottage Grove	gwat	2005	0.05	0.05	0.05	4	0	0.1	0.1
MN1820004	Cottage Grove	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1820005	Forest Lake	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1820006	Woodlund Mobile Home Park	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1820007	Hugo	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1820007	Hugo	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1820009	Lake Elmo	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1820009	Lake Elmo	gwat	2003	0.15	0.15	0.15	3	0	0.3	0.3
MN1820009	Lake Elmo	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1820010	Cimarron Park	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1820013	Mahtomedi	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1820013	Mahtomedi	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1820013	Mahtomedi	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1820014	Newport	gwat	2001	0.15	0.15	0.15	4	0	0.3	0.3
MN1820014	Newport	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1820016	Oakdale	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1820016	Oakdale	gwat	2002	0.15	0.15	0.15	11	0	0.3	0.3
MN1820016	Oakdale	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1820016	Oakdale	gwat	2004	0.15	0.15	0.15	4	0	0.3	0.3
MN1820016	Oakdale	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1820018	Saint Paul Park	gwat	2001	0.15	0.15	0.15	8	0	0.3	0.3
MN1820018	Saint Paul Park	gwat	2004	0.15	0.15	0.15	6	0	0.3	0.3
MN1820020	Oak Park Heights	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1820020	Oak Park Heights	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1820024	Stillwater	gwat	2001	0.15	0.15	0.15	15	0	0.3	0.3
MN1820024	Stillwater	gwat	2002	0.15	0.15	0.15	13	0	0.3	0.3
MN1820024	Stillwater	gwat	2005	0.05	0.05	0.05	12	0	0.1	0.1
MN1820024	Stillwater	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1820025	Woodbury	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1820025	Woodbury	gwat	2001	0.15	0.15	0.15	9	0	0.3	0.3
MN1820025	Woodbury	gwat	2002	0.15	0.15	0.15	5	0	0.3	0.3
MN1820025	Woodbury	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1820025	Woodbury	gwat	2005	0.05	0.05	0.05	4	0	0.1	0.1
MN1820028	Indian Hills Development	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1820028	Indian Hills Development	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1820028	Indian Hills Development	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1820029	Lakeland Municipal Water	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1820029	Lakeland Municipal Water	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1820035	Jackson Meadows	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1830001	Butterfield	gwat	2001	0.15	0.15	0.15	3	0	0.3	0.3
MN1830002	Darfur	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1830002	Darfur	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1830004	Madelia	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1830004	Madelia	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1830006	Saint James	gwat	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1830006	Saint James	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1830006	Saint James	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1830006	Saint James	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1830009	LaSalle	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Detection Limits (ppb) Max
MN1830009	LaSalle	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1840005	Nashua	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1850001	Bethany Water Company	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1850001	Bethany Water Company	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1850001	Bethany Water Company	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1850002	Riverview Trailer Court	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1850006	Lewiston	gwat	2000	0.65	0.30	1.00	2	2	0.3	0.3
MN1850006	Lewiston	gwat	2001	0.43	0.15	0.70	2	1	0.3	0.3
MN1850006	Lewiston	gwat	2002	0.35	0.15	0.50	5	4	0.3	0.3
MN1850009	Saint Charles	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1850009	Saint Charles	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1850011	Utica	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1850011	Utica	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1850011	Utica	gwat	2005	0.15	0.15	0.15	2	0	0.3	0.3
MN1850013	Winona	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1850013	Winona	gwat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1850018	Altura	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1850018	Altura	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1850018	Altura	gwat	2005	0.08	0.05	0.10	2	1	0.1	0.3
MN1850020	Stockton	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1860002	Annandale	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1860003	Elm Grove Mobile Home Park	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1860003	Elm Grove Mobile Home Park	gwat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1860012	Monticello	gwat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1860012	Monticello	gwat	2004	0.15	0.15	0.15	6	0	0.3	0.3
MN1860012	Monticello	gwat	2006	0.05	0.05	0.05	4	0	0.1	0.1
MN1860013	Kjellberg's	gwat	2000	0.15	0.15	0.15	3	0	0.3	0.3
MN1860013	Kjellberg's	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1860013	Kjellberg's	gwat	2005	0.08	0.05	0.15	3	0	0.1	0.3
MN1860013	Kjellberg's	gwat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1860015	River Terrace Mobile Home Park	gwat	2001	0.15	0.15	0.15	3	0	0.3	0.3
MN1860015	River Terrace Mobile Home Park	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1860015	River Terrace Mobile Home Park	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1860017	12 Hi Mobile Home Park	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1860017	12 Hi Mobile Home Park	gwat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1860018	Rockford	gwat	2001	0.15	0.15	0.15	6	0	0.3	0.3
MN1860018	Rockford	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1860018	Rockford	gwat	2003	0.15	0.15	0.15	8	0	0.3	0.3
MN1860018	Rockford	gwat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1860018	Rockford	gwat	2006	0.05	0.05	0.05	9	0	0.1	0.1
MN1860023	Forest Leasing Corporation	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1860024	Joint Powers Board System	gwat	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1860025	Clearwater	gwat	1999	0.15	0.15	0.15	2	0	0.3	0.3
MN1860025	Clearwater	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1860025	Clearwater	gwat	2005	0.08	0.05	0.15	4	0	0.1	0.3
MN1860026	Otsego	gwat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1860026	Otsego	gwat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1860026	Otsego	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1860026	Otsego	gwat	2005	0.05	0.05	0.05	3	0	0.1	0.1
MN1860026	Otsego	gwat	2006	0.05	0.05	0.05	5	0	0.1	0.1
MN1870001	Canby	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1870001	Canby	gwat	2004	0.15	0.15	0.15	1	0	0.3	0.3
MN1870003	Echo	gwat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1870008	Wood Lake	gwat	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1870008	Wood Lake	gwat	2002	0.15	0.15	0.15	1	0	0.3	0.3

APPENDIX 9 Safe Drinking Water Act Surface and Other Water Compliance Monitoring Atrazine Data Minnesota Department of Health, 2000-2006

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1160001	Grand Marais	swat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1160001	Grand Marais	swat	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1270024	Minneapolis	swat	2000	0.15	0.15	0.15	3	0	0.3	0.3
MN1270024	Minneapolis	swat	2003	0.23	0.15	0.30	2	1	0.3	0.3
MN1270024	Minneapolis	swat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1360002	International Falls	swat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1360002	International Falls	swat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1360002	International Falls	swat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1360002	International Falls	swat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1380001	Beaver Bay	swat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1380001	Beaver Bay	swat	2005	0.15	0.15	0.15	1	0	0.3	0.3
MN1380003	Silver Bay	swat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1380003	Silver Bay	swat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1380005	Two Harbors	swat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1380005	Two Harbors	swat	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1570003	Thief River Falls	swat	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1570003	Thief River Falls	swat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1570003	Thief River Falls	swat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1600004	East Grand Forks	swat	2000	0.15	0.15	0.15	3	0	0.3	0.3
MN1600004	East Grand Forks	swat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1690002	Aurora	swat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1690011	Duluth	swat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1690014	Ely	swat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1690014	Ely	swat	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1690014	Ely	swat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1690018	Eveleth	swat	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1690018	Eveleth	swat	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1690018	Eveleth	swat	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1690028	Hoyt Lakes	swat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1690033	McKinley	swat	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1690033	McKinley	swat	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1690046	Virginia	swat	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1070009	Mankato	other	2000	0.38	0.15	0.50	3	2	0.3	0.3
MN1070009	Mankato	other	2002	0.23	0.15	0.30	2	1	0.3	0.3
MN1140008	Moorhead	other	2000	0.15	0.15	0.15	3	0	0.3	0.3
MN1140008	Moorhead	other	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1140008	Moorhead	other	2005	0.05	0.05	0.05	1	0	0.1	0.1
MN1140008	Moorhead	other	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1180027	Baxter	other	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1180027	Baxter	other	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1180027	Baxter	other	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1190019	Rosemount	other	2001	0.15	0.15	0.15	6	0	0.3	0.3
MN1190019	Rosemount	other	2003	0.15	0.15	0.15	9	0	0.3	0.3
MN1190019	Rosemount	other	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1190019	Rosemount	other	2005	0.05	0.05	0.05	8	0	0.1	0.1
MN1270001	Bloomington	other	2000	0.15	0.15	0.15	2	0	0.3	0.3
MN1270001	Bloomington	other	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1460003	Fairmont	other	2000	0.50	0.50	0.50	4	4	0.3	0.3
MN1460003	Fairmont	other	2001	0.40	0.40	0.40	1	1		
MN1460003	Fairmont	other	2002	0.40	0.40	0.40	2	2	0.3	0.3
MN1460003	Fairmont	other	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1480017	Pease	other	2000	0.15	0.15	0.15	3	0	0.3	0.3
MN1480017	Pease	other	2001	0.15	0.15	0.15	2	0	0.3	0.3
MN1480017	Pease	other	2003	0.15	0.15	0.15	1	0	0.3	0.3
MN1480017	Pease	other	2006	0.05	0.05	0.05	1	0	0.1	0.1
MN1560014	Fergus Falls	other	2000	0.15	0.15	0.15	4	0	0.3	0.3
MN1560014	Fergus Falls	other	2002	0.15	0.15	0.15	2	0	0.3	0.3
MN1560014	Fergus Falls	other	2005	0.05	0.05	0.05	2	0	0.1	0.1
MN1580019	Woischke's Island Resort I	other	2000	0.15	0.15	0.15	6	0	0.3	0.3
MN1620026	Saint Paul Regional Water Serv	other	2000	0.15	0.15	0.15	3	0	0.3	0.3
MN1620026	Saint Paul Regional Water Serv	other	2001	0.15	0.15	0.15	1	0	0.3	0.3

PWS_ID	Community Water Supply Name	Source Water	Year	Annual Mean (ppb)	Min (ppb)	Max (ppb)	Total No. of Samples	No. of Samples with Detections	Detection Limits (ppb) Min	Max
MN1620026	Saint Paul Regional Water Serv	other	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1620026	Saint Paul Regional Water Serv	other	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1620026	Saint Paul Regional Water Serv	other	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1690001	White Township	other	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1690004	Biwabik	other	2002	0.15	0.15	0.15	1	0	0.3	0.3
MN1690007	Chisholm	other	2004	0.15	0.15	0.15	2	0	0.3	0.3
MN1690059	Bethel Farms	other	2000	0.15	0.15	0.15	1	0	0.3	0.3
MN1700008	Savage	other	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1730027	Saint Cloud	other	2000	0.15	0.15	0.15	4	0	0.3	0.3
MN1730027	Saint Cloud	other	2003	0.15	0.15	0.15	2	0	0.3	0.3
MN1730027	Saint Cloud	other	2006	0.05	0.05	0.05	2	0	0.1	0.1
MN1730034	College of St. Benedict	other	2001	0.15	0.15	0.15	1	0	0.3	0.3
MN1730034	College of St. Benedict	other	2002	0.15	0.15	0.15	1	0	0.3	0.3

APPENDIX 10 MDA, USGS And Dakota County Pesticide Analytes

Table 1 MDA Pesticide Analytes

MDA Surface Water Analytes

Surface Water Pesticide Analyte
2,4-D
Acetochlor
Alachlor
Atrazine
Deethylatrazine
Deisopropylatrazine
Boscalid
Chlorpyrifos
Cyanazine
Diazinon
Dicamba
Dichlorprop
Dimethenamid
Dimethoate
EPTC
Fonofos
Glyphosate
AMPA
Malathion
MCPA
MCPP
Methyl Parathion
Metolachlor
Metribuzin
Metribuzin DA
Metribuzin DADK
Metribuzin DK
Myclobutanil
Oxadiazon (not a target analyte)
Pendimethalin
Phorate
Prometon (not a target analyte)
Propazine (not a target analyte)
Propiconazole
Tebuconazole
Tebuprimiphos
Terbufos
Tetraconazole
Triclopyr
Trifluralin

MDA Groundwater Analytes

Groundwater Pesticide Analyte
Acetochlor
Acetochlor ESA
Acetochlor OXA
Alachlor
Alachlor ESA
Alachlor OXA
Atrazine
Deethylatrazine
Deisopropylatrazine
Boscalid
Chlorothalonil*
Chlorpyrifos
Cyanazine
Diazinon
Dimethenamid
Dimethenamid ESA
Dimethenamid OXA
Dimethoate
EPTC
Fonofos
Malathion
Methyl Parathion
Metolachlor
Metolachlor ESA
Metolachlor OXA
Metribuzin
Metribuzin DADK
Metribuzin DA
Metribuzin DK
Myclobutanil**
Pendimethalin
Phorate
Prometon (not a target analyte)
Propiconazole**
Tebuconazole**
Tebuprimiphos**
Terbufos
Tetraconazole**
Trifluralin

Urban Groundwater Analytes

Groundwater Pesticide Analyte
acetochlor (ppb)
acetochlor ESA (ppb)
acetochlor OXA (ppb)
alachlor (ppb)
alachlor ESA (ppb)
alachlor OXA (ppb)
atrazine (ppb)
boscalid (ppb)
chlorpyrifos (ppb)
clopyralid (ppb)
cyanazine (ppb)
deisopropylatrazine (ppb)
desethylatrazine (ppb)
diazinon (ppb)
dicamba (ppb)
dichloroprop (ppb)
dimethenamid (ppb)
dimethenamid ESA (ppb)
dimethenamid OXA (ppb)
dimethoate (ppb)
EPTC (ppb)
fonofos (ppb)
MCPA (ppb)
MCPP (ppb)
malathion (ppb)
metolachlor (ppb)
metolachlor ESA (ppb)
metolachlor OXA (ppb)
metribuzin (ppb)
metribuzin dadk (ppb)
metribuzin dk (ppb)
metribuzin da (ppb)
myclobutanil (ppb)
methyl parathion (ppb)
pendimethalin (ppb)
phorate (ppb)
prometon (ppb)
propiconazole (ppb)
tebuconazole (ppb)
tebuprimiphos (ppb)
terbufos (ppb)
tetraconazole (ppb)
triclopyr (ppb)
trifluralin (ppb)
2,4-D

Table 2 USGS – NAWQA Pesticide Analytes

2_4_5-T
2_4-D methyl ester
2_4-D
2_4-DB
2_6-Diethylaniline
2-Chloro-4-isopropylamino-6-amino-s-triazine
2-Chloro-6-ethylamino-4-amino-s-triazine
2-Hydroxy-4-isopropylamino-6-ethylamino-s-triazine
2-Methyl-4_6-dinitrophenol
3-Hydroxy carbofuran
3-Ketocarbofuran
Acetochlor
Acifluorfen
Alachlor
Aldicarb sulfone
Aldicarb sulfoxide
Aldicarb
alpha-HCH
alpha-HCH-d6_ surrogate
Atrazine
Azinphos-methyl_
Barban
BDMC
Bendiocarb
Benfluralin
Benomyl
Bensulfuron-methyl
Bentazon
Bromacil
Bromoxynil
Butylate
Carbaryl
Carbaryl
Carbofuran
Chlorimuron
Chlorodiamino-s-triazine
Chlorothalonil
Chlorpyrifos
cis-Permethrin
Clopyralid
Cyanazine
Cycloate
Dacthal monoacid
DCPA
Diazinon
Diazinon-d10
Dicamba
Dichlobenil_
Dichlorprop
Dieldrin
Dinoseb
Diphenamid
Disulfoton
Diuron
EPTC
Ethalfluralin
Ethoprop
Fenuron
Flumetsulam
Fluometuron
Fonofos
Imazaquin
Imazethapyr
Imidacloprid
Lindane
Linuron
Malathion
MCPA
MCPB
Metalaxyl
Methiocarb
Methomyl
Methyl parathion
Metolachlor
Metribuzin
Metsulfuron
Molinate
N-(4-Chlorophenyl)-N'-methylurea
Napropamide
Neburon
Nicosulfuron
Norflurazon
Oryzalin
Oxamyl
p_p'-DDE
Parathion
Pebulate
Pendimethalin
Phorate
Picloram
Prometon
Propachlor
Propanil
Propargite
Propham
Propiconazole
Propoxur
Propyzamide
Siduron
Silvex
Simazine
Sulfometuron
Tebuthiuron
Terbacil
Terbufos
Terbuthylazine
Thiobencarb
Triallate
Tribenuron
Triclopyr
Trifluralin

Table 3 Dakota County Pesticide Analytes

LCEA-Atrazine
LCEA-Bromacil
LCEA-Cyanazine
LCEA-Cyanazine amide (CAM)
LCEA-Cyanazine-acid (CAC)
LCEA-Deethylatrazine (DEA)
LCEA-Deethylcyanazine (DEC)
LCEA-Deethylcyanazine acid (DCAC)
LCEA-Deethylcyanazine amide (DCAM)
LCEA-Deethylhydroxyatrazine (DEHA)
LCEA-Deisopropylatrazine (DIA)
LCEA-Deisopropylhydroxyatrazine (DIHA)
LCEA-Demethylfluometuron (DMFM)
LCEA-Didealkylatrazine (DDA)
LCEA-Diuron
LCEA-Fluometuron
LCEA-Hydroxyatrazine (HA)
LCEA-Hydroxysimazine
LCEA-Linuron
LCEA-Prometon
LCEA-Propazine
LCEA-Simazine
LCPD-Acetochlor
LCPD-Acetochlor deschloro
LCPD-Acetochlor ESA
LCPD-Acetochlor hydroxy
LCPD-Acetochlor OXA
LCPD-Acetochlor SAA
LCPD-Acetochlor/Metolachlor - 2nd amide
LCPD-Acetochlor/Metolachlor ESA - 2nd amide
LCPD-Alachlor
LCPD-Alachlor - 2nd amide
LCPD-Alachlor deschloro
LCPD-Alachlor ESA
LCPD-Alachlor ESA - 2nd amide
LCPD-Alachlor hydroxy
LCPD-Alachlor OXA
LCPD-Alachlor SAA
LCPD-Dimethenamid
LCPD-Dimethenamid deschloro
LCPD-Dimethenamid ESA
LCPD-Dimethenamid hydroxy
LCPD-Dimethenamid OXA
LCPD-Flufenacet
LCPD-Flufenacet ESA
LCPD-Flufenacet OXA
LCPD-Metolachlor
LCPD-Metolachlor deschloro
LCPD-Metolachlor ESA
LCPD-Metolachlor hydroxy
LCPD-Metolachlor OXA
LCPD-Propachlor
LCPD-Propachlor ESA
LCPD-Propachlor OXA