

Part II Wellhead Protection Plan

*City of New Prague, Minnesota
Public Water Supplier 1400013*

SEH No. A-NEWPR0504.00

February 2008

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Public Water Supply Profile

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Documentation List

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Scoping Decision Notice Received (MN Rules Section 4720.5340, subp. 2)	June 7, 2006
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Comments Considered (MN Rules Section 4720.5350, subp. 3)	
Public Hearing Conducted (MN Rules Section 4720.5350, subp. 4)	
Remaining Portion Wellhead Protection Plan Submitted (MN Rules Section 4720.5360, subp. 1)	
MDH Approval Notice Received	

Executive Summary

This portion of the wellhead and source water protection (Wellhead Protection) plan for the City of New Prague, Minnesota includes:

- The results of the Potential Contaminant Source Inventory
- Potential Contaminant Source Management Strategies
- the Emergency/Alternative Water Supply Contingency Plan
- A Wellhead Protection Program Evaluation Plan

Part I of the Wellhead Protection Plan presented the delineation of the Wellhead Protection Areas (WHPAs) and the Drinking Water Supply Management Area (DWSMA), and the vulnerability assessments for the municipal wells and the source water aquifer within the New Prague DWSMA. Part I of the Wellhead Protection Plan was submitted to the Minnesota Department of Health (MDH) and approved in April 2006. The boundaries of the WHPAs/DWSMA are shown in Figure 1. A copy of Part I of the New Prague Wellhead Protection Plan is included as Appendix A.

The vulnerability assessment for the source water aquifer within the DWSMA was performed using available information and indicated that the vulnerability of the aquifers used by the public water supply system are considered low because they are covered by fine-grained geologic materials that hydraulically separate them from surface waters. Consequently, the principal potential sources of contamination to the source water aquifer are other wells that reach or penetrate it. This information was presented at the Second Scoping Meeting held with MDH, May 25, 2006, when the necessary requirements for the content of Part II were outlined and discussed in detail.

The City currently uses five wells for its public water supply system (Wells 1, 2, 3, 4, and 5 – Unique Well Nos. 240052, 240053, 240054, 433280, and 680502, respectively). Three of the wells exclusively utilize the Franconia-Ironton-Galesville bedrock aquifer (Wells 2, 3, and 5), and one well is open only to the Mount Simon-Hinckley bedrock aquifer (Well 4). Well 1 is open to both the Franconia-Ironton-Galesville and Mount Simon-Hinckley aquifers. The vulnerability assessment for the New Prague public water supply wells indicated that the wells are not vulnerable to contamination based on the information documenting the construction of each well.

The information and data contained in Sections 1.0 – 4.0 of this portion of the Wellhead Protection Plan (hereafter referred to as the Plan) support the approaches taken to address potential contamination sources that have been identified as potentially affecting the aquifer used by the public water supply. The reader is encouraged to concentrate attention on Sections 1.0 – 4.0 in order to better understand why a particular management strategy is included in Section 5.0.

In Section 1.0, the required data elements indicated by MDH in the *Scoping 2 Decision Notice* are addressed, as well as the data's degree of reliability. Pertinent data elements include information about the geology, water quality and water quantity. The data elements and information supplied in Part I of the Plan are the basis of the assessment that the aquifer providing drinking water for this system has the potential to become vulnerable due to other wells that penetrate the same aquifer.

Section 2.0 addresses the possible impacts that changes in the physical environment, land use, and water resources have on the public water supply. No significant changes are anticipated within the next ten-year period, and the City of New Prague has evaluated the support necessary to implement its Plan.

The problems and opportunities concerning land use issues relating to the aquifer, well water, and the DWSMA, and those issues identified at public meetings, are addressed in Section 3.0. The low-vulnerability

Executive Summary (Continued)

status of the aquifer and wells, and the good quality of water currently produced by the system's wells leaves only two major concerns: 1) other wells located within the DWSMA that could become pathways for contamination to enter the aquifer; and 2) the pumping effects of high-capacity wells that may alter the boundaries of the delineated WHPAs, reduce the hydraulic head in the aquifer, or cause the movement of contamination toward public water supply wells.

The drinking water protection goals that the public water supplier (PWS) would like to achieve with this Plan are listed in Section 4.0. In essence, the PWS would like to 1) maintain or improve the current drinking water quality, 2) increase public awareness of groundwater protection issues, 3) protect the aquifer, and 4) collect data to support future efforts in Wellhead Protection Planning.

The objectives and action plans for managing the potential sources of contamination (wells that penetrate the aquifer utilized by the water system for their drinking water source) are contained in Section 5.0. Actions aimed toward educating the general public about groundwater issues, gathering information about other wells, and collecting data relevant to Wellhead Protection Planning are the general focus.

Section 6.0 contains a guide to evaluate the implementation of the identified management strategies of Section 5.0. The wellhead protection program for City of New Prague will be evaluated on an annual basis prior to its budgeting process.

An emergency/contingency plan is included to address the possibility that the water supply system is interrupted due to either emergency situations or drought. Section 7.0 references the City's Water Emergency and Conservation Plan approved by the Department of Natural Resources in 1996. The City is currently updating this plan, with approval expected in 2006.

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Part II Wellhead Protection Plan

Prepared for the City of New Prague, Minnesota
Public Water Supplier 1400013

1.0 Data Elements, Assessment

1.1 Required Data Elements

1.1.1 Physical Environment Data Elements

1.1.1.1 Precipitation

This data element does not apply because there is not a direct hydraulic connection between surface waters and the aquifer serving this water supply system.

1.1.1.2 Geology

This data element is required and was presented in Part I of the Wellhead Protection Plan (refer to Appendix A). The following recommendations were presented in Part I of the Plan regarding the collection of hydrogeologic information over the time this Plan remains in effect:

- Coordinate with the MDH to have groundwater samples from all five municipal wells tested again for the tritium isotope in the next 5-10 years. This updated information can be used to confirm the vulnerability of the aquifer and serve as a comparison to the 2002 results.
- Routinely record the static and pumping groundwater levels of the municipal wells. This data can be used in the future to better define the local groundwater flow fields of the aquifer and determine whether the supply of groundwater in the aquifers is diminishing over time. It will also provide information on the magnitude of interference between the municipal wells, and between the municipal wells and other local high-capacity wells.
- Coordinate with the MDH and/or MGS to have Municipal Well 1 televised and flow-logged during a period when the pump in the well is removed for maintenance. This work could be done at no cost to the City and would provide valuable information regarding the flow paths and conduits within the two aquifers. The additional data will assist in better understanding the behavior of groundwater flow between these aquifers.
- Since multi-aquifer wells are no longer allowed by the MDH and the hydrologic interconnection of two aquifers is potentially detrimental, consider converting Municipal Well 1 to a single-aquifer well. This can

be accomplished by sealing off the Mount Simon-Hinckley Aquifer, or lining the well with a deeper casing to seal off the Franconia-Ironton-Galesville Aquifer.

- Work with county and/or state government agencies in future and ongoing efforts to compile regional geologic and hydrogeologic information through investigations and studies.

1.1.1.3 Soils

This data element does not apply because there is not a direct hydraulic connection between surface waters and the aquifer serving this water supply system.

1.1.1.4 Water Resources

This data element applies as it relates to future groundwater uses that may influence the ability of the aquifer to yield water to the public water supply. Increased water use may result in a reduction in aquifer yield or increase the likelihood that contaminants of human or natural origin may affect the quality of drinking water.

1.1.2 Land Use Data Elements

1.1.2.1 Land Use

A map showing the boundaries of land uses within the WHPAs/DWSMA is provided as Figure 3. Based on information contained in Part I of the Plan, indicating the public water supply wells and source water aquifers are not vulnerable to most land-use activities, only an inventory of other wells located within the DWSMA is required. A listing of wells inventoried within the DWSMA is provided in Table 1 and Figure 4 is a map showing their locations.

This information can be helpful to decision-makers during future planning efforts by keeping awareness of wellhead and source water protection and groundwater quality issues in consideration.

The MDH requested that the City assess whether Class V disposal systems/wells, as now regulated by the EPA, are present within the DWSMA. City staff are not aware of any Class V wells within the DWSMA.

1.1.2.2 Public Utility Services

Records of well construction and maintenance apply to this portion of the Plan. This information was used to support the development of Section 7.0 of the Plan, detailing the emergency and conservation measures for this system.

1.1.3 Water Quantity Data Elements

1.1.3.1 Surface Water Quantity

This data element does not apply because there is not a direct hydraulic connection between surface waters and the aquifer serving this water supply system.

**Table 1
Wells in the DWSMA**

Unique Well No.	Name	Well Use	Status	Aquifer
218265	City Of New Prague	Unknown	Unknown	Mount Simon-Hinckley
221265	Bohnsack, Chuck	Unknown	Active	Mount Simon-Hinckley
658178	Crawford Amoco	Monitoring well	Active	Glacial Drift
658179	Crawford Amoco	Monitoring well	Active	Glacial Drift
658180	Crawford Amoco	Monitoring well	Active	Glacial Drift
671644	New Praugue Tw	Test well	Sealed	Franconia-Ironton-Galesville
Unknown	Old Well No. 1 (constructed pre-1917)	Previous municipal supply	1943: Disconnected and capped	Unknown
Unknown	Old Well No. 2 (constructed pre-1917)	Previous municipal supply	1929: Disconnected and not in use, 1954: Abandoned	Unknown

1.1.3.2 Groundwater Quantity

Groundwater levels and the aquifer capabilities appear adequate for the volumes that the City of New Prague is currently permitted to withdraw under the groundwater appropriations program administered by the Minnesota Department of Natural Resources (DNR). There are currently no other high-capacity wells within the DWSMA for which well interference complaints with the system's wells have been documented. At this time, there appears to be sufficient groundwater quantity, based upon existing pumping capacity of the wells completed in the aquifer used by the system.

1.1.4 Water Quality Data Elements

1.1.4.1 Surface Water Quality

This data element does not apply because there is not a direct hydraulic connection between surface waters and the aquifer serving this water supply system.

1.1.4.2 Groundwater Quality

Groundwater quality does apply to this portion of the Plan for the City of New Prague. Existing information consists of isotopic and chemical analyses and indicates that the aquifer used by the public water supply is recharged very slowly by surface water. As such, there is a low probability that current land use has a direct impact on the quality of drinking water.

Additional groundwater quality information will be collected over the ten-year life of the Plan. Groundwater quality information was used to determine that other wells are the primary potential source(s) that need to be inventoried and managed. Changes in the general chemistry of the well water may indicate that the aquifer is receiving recharge from different pathways, such as improperly constructed or improperly sealed wells or through different geological materials.

1.2 Assessment of Data Elements

1.2.1 Use of the Wells

General information describing this public water supply system is presented in the Source Water Assessment (SWA) found in Appendix B of this Plan.

1.2.2 Wellhead Protection Area Delineation Criteria

See Part I of this Plan (Appendix A) for documentation regarding how the following delineation criteria were applied to determine the boundaries of the WHPAs:

Time of Travel - 10 years

Flow Boundaries - based on geologic information

Daily Volume - provided by the City

Groundwater Flow Field - delineation method was computer modeling

Aquifer Transmissivity - determined from aquifer pumping tests

1.2.3 Quality and Quantity of Water Supplying the Public Water Supply Well

Water quality monitoring results indicate no evidence of contamination from 1) human origin, such as fuel and fuel break-down products, pesticides, or commercial fertilizer, or 2) naturally occurring impurities such as arsenic, boron or radium. Historically, problems with water quality have not been an issue, as the system has enjoyed water quality that meets or exceeds standards in the Federal Safe Drinking Water Act. However, elevated levels of radium have been detected in the City's Mount Simon-Hinckley Aquifer well (Well 4). The City intends to remove this contaminant through water treatment technologies.

1.2.4 Groundwater Uses in the Drinking Water Supply Management Area

The management strategies selected and documented in Section 5.0 of this Plan will focus on activities that have the most potential to impact the aquifer this system is using for its drinking water supply. For this low vulnerability system, other wells are the most likely potential impacts to the aquifer.

Table 2
Types of Wells Inventoried in the DWSMA

Type of Well	Number
Monitoring Well	3
Sealed Well	1
Unused/Unsealed	2
Unknown	2

2.0 Impact of Changes on Public Water Supply Wells

2.1 Changes Identified in:

2.1.1 Physical Environment

Large-scale changes in the physical environment within the DWSMA are not anticipated during the 10-year period that this Plan is in effect. The geologic conditions that protect the water supply are such that changes in physical environment should have little to no effect on the aquifer within the DWSMA.

2.1.2 Land Use

Land uses in the DWSMA will likely have little impact on the aquifer unless additional wells are developed or water demand is increased to the point that additional loss in hydraulic head occurs within the aquifer used by the public water supply. Constructing additional wells into the aquifer may increase the points of entry, or draw naturally-occurring or human-caused contaminants towards the public water supply wells.

2.1.3 Surface Water

There appears to be no direct hydraulic connection between surface water and the source water aquifers used for public water supply (PWS). Therefore, any changes to the conditions of surface waters will have little or no impact on the quality or quantity of the public water supply.

2.1.4 Groundwater

The public water supply wells have historically provided groundwater of excellent quality and quantity. The City does not anticipate a large increase in water use or is aware of any such water use expansions in the DWSMA or immediately adjacent area. The City does however, anticipate the need for at least one additional public water supply well in the next 1-3 years.

2.2 Impact of Changes

2.2.1 Expected Changes in Water Use

The City anticipates its water use will increase by more than 3% during the first five years that this Plan is in effect. The City will re-evaluate its water-use patterns for the second five-year interval as part of its normal planning activities and incorporate these results into future revision of this Plan. As demand for water increases, the City will likely need to construct one or more additional public water supply wells.

2.2.2 Influence of Existing Water and Land Government Programs and Regulations

Recognizing that the State Well Code has sole authority in permitting wells, there may also be existing land use ordinances by local governments that could be revised in the future to address new private wells within the DWSMA. However, there is no discussion or intention at this time of requiring additional regulation related to managing wells within the City's DWSMA. Scott and/or Le Sueur Counties may assist with addressing and managing unused/unsealed wells as they are identified. The City also follows State Plumbing Code restrictions (Minnesota Rules 4715.1920) on the interconnection of new private wells with the public water supply through private plumbing systems.

2.2.3 Administrative, Technical, and Financial Considerations

For this Plan to be effective:

1. The City will need to raise public awareness of the issues affecting its drinking water supply through public educational programs.
2. Administrative duties will remain with the Wellhead Protection Manager, who will report to the governing authority, coordinate implementation of wellhead protection management action plans, and conduct regular meetings.
3. Support of wellhead and source water protection activities will be provided by funds from the City's utility water operating fund as well as a Wellhead Protection budget line item to be created during the next budgeting process. Other sources of funding or in-kind services to help achieve the goals set forth in this Plan's Section 4.0 include: 1) Scott and/or Le Sueur Counties and potential well sealing cost-share programs; 2) the Minnesota Department of Health assisting with determining the correct measures for sealing unused wells, constructing new wells, and requiring the sealing of unused wells if this becomes necessary; and 3) the Minnesota Rural Water Association providing technical assistance during the wellhead protection implementation phase.

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4. The costs of implementing wellhead and source water protection activities will be evaluated on an annual basis to determine whether the original cost estimates match the scope of the management practices identified in this part of the Plan. Changes in the status of the wells listed in Table 1, and actual costs related to proper sealing of unused/unsealed wells, may also affect the actual costs of Plan implementation. The City will discuss changes in Plan implementation costs with MDH to determine the availability of state or federal funding for offsetting increased costs to plan implementation.

3.0 Issues, Problems, and Opportunities

3.1 Land Use Issues, Problems, and Opportunities Related to:

3.1.1 The Aquifers

The low-vulnerable aquifers, identified as the source of the public water supply system, should be relatively unaffected by land use activities, with the exception of other wells that penetrate the same aquifer.

3.1.2 The Well Water

The Wellhead Protection Plan is primarily concerned with other water supply wells located within the DWSMA. The potential contaminant source inventory completed for this Plan indicated the types of wells listed in Table 2. Some of these wells may extend into the aquifers that supply water to the City. These wells, if maintained improperly, could convey pollutants to the aquifer.

The placement of additional high-capacity wells, increased pumping from existing wells, or significant changes in current groundwater appropriations within the DWSMA may have an impact on groundwater availability to all users, or increased risk that contamination may enter the part of the aquifer used by the public water supply wells.

3.1.3 The Drinking Water Supply Management Area

The principal concern expressed by the system is to ensure consistent and long-term management of water wells, environmental boreholes, and other wells within the DWSMA. The public water supply has limited legal capabilities to regulate well construction and sealing in the areas of the DWSMA beyond its legal authority. A large majority of the DWSMA is within the City limits of New Prague. City staff will cooperate and collaborate with Scott and Le Sueur staff in wellhead and source water protection efforts. Changes in land use that increase pumping of the aquifer used by the City's wells need to be assessed for possible impacts on water availability and quality. Finally, the system has no regulatory authority over water appropriations and must rely on the Minnesota Department of Natural Resources (DNR) to address issues and concerns related to pumping.

3.1.4 The Inner Wellhead Management Zone

The MDH designates a 200 foot radius around each public water supply well as the Inner Wellhead Management Zone (IWMZ). An MDH Potential Contaminant Source Inventory form is required to be completed for each well. As part of this Plan, these forms have been updated and are included in Appendix D.

3.1.5 The Public Water Supply Wells

In review of its files, the MDH has identified two apparently former, abandoned public water supply wells for the City of New Prague. The records and documentation for these wells are incomplete. Identified as Wells 1 and 2, these 8-inch diameter wells were constructed prior to 1917 to depths of 295 and 317 feet, respectively. The available information indicates that for reasons unknown Well 1 was “disconnected and capped” in 1943, and Well 2 was “disconnected and not in use” in 1929 and “abandoned” in 1954. However, there are no sealing records for either well.

The MDH is concerned that these wells were not properly sealed in accordance with acceptable well code practices. They could therefore, become conduits for contaminants to reach and degrade the source water aquifers.

3.2 Identification of:

3.2.1 Problems and Opportunities Disclosed at Public Meetings and in Written Comment

At the beginning of the planning process other local government units (LGUs) were identified and informed that the system was beginning the wellhead protection planning process. (See Appendix C for a list of LGUs.) Each unit of government was also sent a copy of the City’s delineated WHPAs and DWSMA and vulnerability assessment for the wells and DWSMA (Part I of the Plan). To date, no comments from the LGUs have been received. The general public was also given opportunities to participate in the planning process and to comment at the public informational meeting and public hearing. No concerns from the general public have been expressed at this time.

3.2.2 Data Elements

The state’s Wellhead Protection Rule requires that existing information be utilized in developing Part I of the Wellhead Protection Plan. Much of the data collected and utilized to delineate the system’s WHPAs and DWSMA, and to determine the vulnerability of the aquifer to possible contamination, comes from small-scale or regional studies. There is a limited amount of subsurface information available to define local groundwater flow conditions and the groundwater chemistry of the aquifer within the DWSMA. The direction of groundwater flow was evaluated to address concerns that the current amount of subsurface information does not permit an unquestioned determination of local groundwater flow conditions toward the New Prague public water supply wells. As a result, delineation of the WHPAs represents a composite of capture zones generated by varying aquifer properties.

The City plans to utilize public education opportunities, both existing and proposed, to address potential contamination of the aquifer by other wells. Additionally, the City will work in cooperation with Scott and Le Sueur Counties to utilize possible well sealing cost-share programs currently available. The City will set a high priority on well sealing for existing wells that are unused or not properly maintained.

The City will work with MDH to 1) identify proposed wells that may present these additional concerns, 2) ensure these wells are properly constructed, 3) determine whether an alternative aquifer could be used, and 4) identify water-use and conservation requirements that the DNR may specify with the groundwater appropriations permit.

New Prague plans to continue to focus its data collection efforts on the following activities throughout the ten-year life of this Plan:

1. The City will work with MDH to identify new wells that are constructed within the DWSMA and to verify their locations.
2. The City will inform MDH when any system well is repaired so that information regarding well construction, static water level, and pumping capacity can be verified or updated.
3. The City will collect water samples from each well and analyze the well water as required by the Safe Drinking Water Act. The results of this monitoring will be used to determine trends in natural water quality.
4. The MDH will collect a water sample from at least one well after the first five years of plan implementation and have the water analyzed for tritium content using an enriched analytical technique. Testing results will be used to document that the rate of recharge to the aquifer is not increasing and that it is still hydraulically isolated from surface water.
5. The City and MDH will inform each other of additional high-capacity wells that are to be constructed within the DWSMA or within a mile of its boundaries. MDH will determine with the DNR whether the applicant for a water appropriations permit needs to conduct an aquifer test to evaluate the long-term pumping impacts on the City's water supply wells.
6. The City will inform MDH of any wells that are to be properly sealed within the DWSMA so that the Minnesota Geological Survey can be notified and determine whether it can run a borehole geophysical survey of the wells.
7. The City will inform MDH if the City is considering the construction of a new water supply well so that MDH can determine whether any potential sites for the new well present concerns over well interference or the movement of existing contamination plumes toward existing system or private water supply wells.

3.2.3 Status and Adequacy of Official Controls, Plans, and Other Local, State, and Federal Programs on Water Use and Land Use

There are many tools available to the regulating agencies that may be used to achieve the wellhead and source water protection planning goals identified by the wellhead planning team. State and local governmental units, such as MDH, Scott and Le Sueur Counties, and the DNR, regulate:

- well construction (MDH)
- well sealing (MDH)
- state groundwater appropriation permits (DNR)

-
- public water supply quality (MDH)
 - setbacks for specific contaminant sources from a well (MDH and local governments through conditional use permitting)
 - land use controls - local governments

It is recommended that no additional regulations be imposed at this time. Local issues will likely be adequately addressed through existing processes. These processes include public education, adoption of best management practices for well maintenance and water conservation, and good communication with other landowners within the DWSMA.

Scott and Le Sueur Counties will be contacted to determine the availability of cost-share funds to assist with the sealing of identified unused/unsealed wells within the DWSMA.

4.0 Wellhead Protection Goals

The source water aquifers used for the New Prague public water supply are located deep underground and are classified as low vulnerability due to the geologic characteristics in the area confining the aquifers and protect them from contamination resulting from land use activities. Consequently, this Plan focuses on addressing the placement and usage of other wells that may be used for domestic, public or commercial purposes. The overall goals are to 1) prevent contamination of the aquifers and, 2) manage the source water aquifers cooperatively to assure sustainable water supplies for all users.

New Prague has enjoyed a sufficient and safe water supply in the past, and proposes through the implementation of this Plan to continue supplying safe, potable water for its customers into the future.

The following goals will be achieved with the action items contained in this Plan:

- Maintain the current level of water quality, which meets or exceeds all state and federal standards.
- Educate public officials, landowners and the general public about the importance of wellhead protection to protect the public drinking water supply.
- Provide ongoing collection of data to support future wellhead protection efforts.
- Increase general public awareness of groundwater problems.
- Implement an active, community-wide, water conservation program.
- Assess impacts on the source water aquifers from existing and planned wells within the DWSMA.
- Maintain the integrity of the New Prague public water supply wells.
- Address priority actions regarding identification and inventory of wells within the DWSMA.

5.0 Objectives and Plans of Action

5.1 Establishing Priorities

The aquifers supplying the City's drinking water supply have low-vulnerability to contamination from typical land use activities, with the exception of other wells that penetrate the confining layer to reach into the aquifer. Therefore, New Prague would like to concentrate management efforts on the following factors to create awareness of groundwater protection and help prevent future contamination of the aquifer:

- Manage other wells (Well Management)
- Inform the public about groundwater issues (Public Education)
- Collect additional data relating to local groundwater issues (Data Collection)

5.2 Well Management

5.2.1 Promoting the Sealing of Unused, Poorly-Maintained, Damaged, or Abandoned Wells

The City will promote well sealing or cost-sharing programs available through Scott and/or Le Sueur Counties that assist with or reimburse the costs and administration of sealing unused, poorly-maintained, damaged or abandoned private wells located within the DWSMA.

5.2.1.1 Source of Action

New Prague Wellhead Protection Manager

5.2.1.2 Cooperators

Le Sueur County Environmental Services Department, Scott County Environmental Health Department

5.2.1.3 Time Frame

Beginning in 2007 and ongoing thereafter

5.2.1.4 Estimated Costs

This task is expected to require approximately 10 hours of City staff time per year. The City may consider participating in available, existing cost-sharing programs, and/or reimbursing a portion of the well sealing costs to local residents.

5.2.1.5 Goal(s) Achieved

This action will assist with the City's goal of eliminating potential pollutant sources to the aquifer used for public water supplies. The number of wells in the DWSMA will be reduced.

5.2.2 Identifying New High-Capacity Wells and Changes to Appropriations of Existing High-Capacity Wells

City staff and the MDH Source Water Protection Unit staff will coordinate efforts with the MN DNR Appropriations Program Permit to identify proposed new, high-capacity wells in the DWSMA, and/or significant changes to existing groundwater appropriation permits for existing wells. Proposed new high-capacity wells or changes to current Appropriation Permits will be evaluated by MDH staff to determine whether the proposed

pumping will change the boundaries of the delineated WHPAs and corresponding DWSMA for the City's municipal wells. If identified, the City, MDH, and DNR staff will meet with the well owner(s) to inform them of the potential impacts the new or existing wells may have on the City's wellhead and source water protection efforts, and discuss responsibility for any changes that may be necessary.

5.2.2.1 Source of Action

New Prague Public Works Department, MDH, DNR

5.2.2.2 Cooperators

Well owners, property/business owners, and local residents

5.2.2.3 Time Frame

Beginning at the time the Wellhead Protection Plan is approved and ongoing thereafter

5.2.2.4 Estimated Cost

No new or additional costs are anticipated. The City staff time and costs associated with this task are already allocated through existing City programs, projects, and budgets.

5.2.2.5 Goal(s) Achieved

This action will assist the City in identifying new wells proposed to be constructed in the DWSMA, and determine whether the pumping of new or existing wells will affect the City's Wellhead Protection Plan. This action will also provide opportunities to bring well owners into wellhead and source water protection educational programs.

5.2.3 Public Education

The City will mail MDH pamphlets and Hennepin County brochures related to operating and maintaining drinking water wells to all identified well owners located in the DWSMA. The pamphlets and brochures may include *The Well Owner's Handbook*, *Finding Lost Wells – Searching for Wells on a Property*, *Protecting Your Well*, *Sealing Unused Wells*, and *Safe Clean Drinking Water - Available Across Minnesota*. The documents will also be made available at City Hall. The MDH will be responsible for providing new well owners all applicable information and documents.

5.2.3.1 Source of Action

New Prague Wellhead Protection Manager

5.2.3.2 Cooperators

MDH, well owners within the DWSMA

5.2.3.3 Time Frame

To begin in 2008 and ongoing thereafter

5.2.3.4 Estimated Costs

The documents and materials will be provided, free of charge, from the MDH. Costs may include postage and City staff time. The City staff time

required for this task will be incorporated through other existing City programs, projects, and budgets.

5.2.3.5 Goal(s) Achieved

This action will assist the City in identifying and educating well owners in the DWSMA about proper use and maintenance of wells. Proper operation and maintenance of wells will reduce the potential risk that these wells will become direct pathways for contamination of the source water aquifers.

5.2.4 Well Verification

Several possibly active wells were identified within the DWSMA. These wells (summarized in Table 1 of this Plan) will be specifically located and their status will be determined.

5.2.4.1 Source of Action

New Prague City staff

5.2.4.2 Cooperators

Well owners within the DWSMA and the MDH.

5.2.4.3 Time Frame

The locations and status of the wells within the DWSMA will be determined within 12 months of the formal MDH approval of this Plan.

5.2.4.4 Estimated Cost

No new or additional costs are expected to be incurred. The staff time required for this task are already allocated through existing City programs and budgets.

5.2.4.5 Goal(s) Achieved

Wells within the DWSMA are the primary threat to the New Prague source water aquifer. Knowing the well locations and status will allow the City to evaluate and manage this threat.

5.2.5 Class V Well Regulation

The City will evaluate the feasibility of imposing a ban through a new zoning ordinance on the construction of new Class V disposal wells (as defined by EPA) not connected to the City's sewer system.

5.2.5.1 Source of Action

New Prague City staff and Wellhead Protection Manager.

5.2.5.2 Cooperators

New Prague City Council.

5.2.5.3 Time Frame

The possibility of new regulations will be evaluated by 2009.

5.2.5.4 Estimated Cost

This action is not expected to result in costs to the City. Staff time and attorney fees will be allocated through other existing City programs and budgets.

5.2.5.5 Goal(s) Achieved

Preventing the construction of new Class V disposal systems will reduce the likelihood of groundwater contamination that could potentially impact the New Prague source water aquifer. All new Class V wells will be required to be connected to the City's sewer system and liquid wastes will not be discharged into the subsurface.

5.3 Public Education

5.3.1 Publishing the *Drinking Water Consumer Confidence Report*

The City will continue distributing the *Drinking Water Consumer Confidence Report* to all users of the New Prague public water supply. The report provides information regarding the City's public water supply system and its water quality.

5.3.1.1 Source of Action

New Prague Public Works Department

5.3.1.2 Cooperators

None

5.3.1.3 Time Frame

Ongoing, annually distributed as required by federal regulations

5.3.1.4 Estimated Costs

No new or additional costs are expected for this activity. The City staff time and costs associated with this task are already allocated through existing City programs, projects, and budgets.

5.3.1.5 Goal(s) Achieved

The general public will be more aware of the federal water quality requirements for public water supply systems, and the overall water quality of the City's public water supply.

5.3.2 Incorporating Wellhead and Source Water Protection into the City's Planning Process

The City will include a review of this Wellhead and Source Water Protection Plan as part of its normal zoning and land use planning processes. Copies of the Plan will be distributed to the City's planner(s) and Planning Commission, and Scott and Le Sueur Counties.

5.3.2.1 Source of Action

New Prague Planning Department

5.3.2.2 Cooperators

New Prague Planning Commission, New Prague City Council

5.3.2.3 Time Frame

This will be an ongoing activity beginning in 2007.

5.3.2.4 Estimated Costs

No new or additional costs are anticipated. The City staff time and costs associated with this task are already allocated through existing City programs, projects, and budgets.

5.3.2.5 Goal(s) Achieved

Wellhead and source water protection efforts will be extended and incorporated into future planning for the City. Potential pollution risks to the public water supply system will be reduced.

5.3.3 Informational News Releases

The City will publish articles in the City newsletter and local newspaper pertaining to and providing information related to wellhead and source water protection wells. Templates for the new releases will be provided by the MDH.

5.3.3.1 Source of Action

New Prague Public Works Department

5.3.3.2 Cooperators

City staff, Local newspaper, MDH

5.3.3.3 Time Frame

To begin in 2008 and as appropriate thereafter

5.3.3.4 Estimate Costs

No new or additional costs are anticipated for this task. The City staff time and costs associated with completing this action are already allocated through other City programs, projects, and budgets.

5.3.3.5 Goal(s) Achieved

The general public and property owners in the DWSMA and citywide will become more aware of the City's wellhead and source water protection program, groundwater protection principles, and steps that everyone can take to protect the City's public water supply.

5.4 Additional Data Collection

5.4.1 Monitoring Static and Pumping Levels in Municipal Wells

The City will routinely monitor and record the static and pumping levels of the groundwater in the municipal wells. Water levels in all the public water supply wells will be recorded monthly, as feasible.

5.4.1.1 Source of Action

New Prague Public Works Department

5.4.1.2 Cooperators

None

5.4.1.3 Time Frame

Ongoing

5.4.1.4 Estimated Costs

No new or additional costs are anticipated for this task. The City staff time and costs associated with this activity are already allocated through existing City programs, projects, and budgets.

5.4.1.5 Goal(s) Achieved

By routinely recording the groundwater levels in the public water supply wells, the City can monitor groundwater elevation trends over time. If the static water levels in the wells show a consistent decreasing trend, the City may pursue more restricted water use measures and/or more effective methods to control public water supply use. This data can also be useful to verify the groundwater flow fields in the source water aquifers and provide information on the magnitude of interference between the wells and other high capacity wells.

5.4.2 Geologic and Hydrogeologic Studies and Data Gathering

The City intends to obtain additional geologic and hydrogeologic information and data regarding the New Prague area, as it becomes available.

5.4.2.1 Source of Action

New Prague Wellhead Protection Manager

5.4.2.2 Cooperators

Agencies or groups conducting geologic or hydrogeologic studies, well drilling companies, and others

5.4.2.3 Time Frame

Beginning in 2007 and ongoing thereafter

5.4.2.4 Estimated Costs

No new or additional costs are anticipated for this task. The City staff time and costs associated with this activity are already allocated through existing City programs, projects, and budgets.

5.4.2.5 Goal(s) Achieved

By obtaining additional geologic and hydrogeologic information specifically focused on the New Prague area, more accurate data will be available to delineate future, revised WHPAs and DWSMA for the existing and proposed municipal wells. This information will be valuable for future required updates to this Plan. Updated and more accurate vulnerability assessments will also result.

5.4.3 Monitoring the Quality of the Public Water Supplies

The City intends to compile and track the levels of compounds and contaminants detected in the New Prague public water supply and wells. This data will be obtained from the MDH as it is collected as part of the required, routine sampling of the public water supply system.

5.4.3.1 Source of Action

New Prague Public Works Department

5.4.3.2 Cooperators

MDH

5.4.3.3 Time Frame

Beginning in 2008 and ongoing thereafter

5.4.3.4 Estimated Costs

No new or additional costs are anticipated for this task. The City staff time and costs associated with this activity are already allocated through existing City programs, projects, and budgets.

5.4.3.5 Goal(s) Achieved

Through compiling and assessing the quality of the groundwater used for public water supplies, the City will have a good understanding of whether the levels of identified contaminants are increasing or decreasing over time. This information will also allow the City to determine whether new impacts have occurred to the source water aquifer, and what remedial measures should be undertaken.

5.4.4 Isotope Testing of Public Water Supply Wells

The City will coordinate with the MDH to have groundwater samples from all five existing public water supply wells tested again for the tritium isotope.

5.4.4.1 Source of Action

New Prague Public Works Department

5.4.4.2 Cooperators

Minnesota Department of Health staff

5.4.4.3 Time Frame

Samples to be collected and tested at the same time in 2010

5.4.4.4 Estimated Costs

No new or additional costs to the City are anticipated for this task. The costs associated with the sample collection and laboratory analysis will be paid by the MDH.

5.4.4.5 Goal(s) Achieved

The information obtained from the tritium analysis can be used to confirm the low vulnerability status of the aquifers, and serve as a comparison to the 2002 results.

5.4.5 Televising and Flow-logging Well 1

The City will coordinate with the MDH and/or the Minnesota Geological Survey to have Well 1 televised and flow-logged during a period when the pump in the well is removed for routine maintenance.

5.4.5.1 Source of Action

New Prague Public Works Department

5.4.5.2 Cooperators

Minnesota Department of Health staff

5.4.5.3 Time Frame

To occur during the next pump maintenance event on Well 1 between 2007 and 2015.

5.4.5.4 Estimated Cost

Televising and flow-logging to be performed at no cost to the City.

5.4.5.5 Goal(s) Achieved

This work would provide valuable information regarding the groundwater flow paths and conduits within the two aquifers. The additional data will also assist in better understanding the behavior of groundwater flow between the aquifers.

5.4.6 Well 1 Rehabilitation

Since multi-aquifer wells are no longer allowed by the MDH, and hydrologic interconnection of two aquifer is potentially detrimental, the City will consider converting Well 1 to a single-aquifer well.

5.4.6.1 Source of Action

New Prague Public Works Department

5.4.6.2 Cooperators

Public Utilities Commission, City Council, a local well drilling firm

5.4.6.3 Time Frame

The rehabilitation of Well 1 will be evaluated and considered by City staff in 2007-2008.

5.4.6.4 Estimated Costs

Costs (engineering, design, and construction) to add a new casing or seal a portion of the well could be substantial. The costs affiliated with this work would likely be incorporated into the City's Capital Improvement Plan and process.

6.0 Evaluation Program

The success of the New Prague wellhead protection program must be routinely evaluated in order to determine whether the Plan is actually accomplishing the intentions of the City.

Some of the goals of annual evaluations are to:

- Track the implementation of the objectives identified in Section 5.0 of this Plan
- Determine the effectiveness of specific management strategies regarding the protection of the public water supply
- Identify possible changes to these strategies which may improve their effectiveness

-
- Determine the adequacy of financial resources and staff availability to carry out the management strategies planned for the coming year

In order to meet these evaluation goals, the following activities will be implemented:

1. Continue to cooperate with the MDH in the water quality monitoring of the water supply system to determine whether the management strategies are having a positive effect and to identify water quality problems that may arise that must be addressed.
2. Request members of the City staff, the governing authority, and the Wellhead Protection Manager travel through the DWSMA on a regular basis to identify any changes in land use or potential contaminant source management practices which may adversely impact the public water supply.
3. Require the City staff to meet on an as-needed basis, with a minimum of one annual meeting, to review the results of each strategy implemented during the previous plan year, identify and discuss whether modifications are needed for those strategies, and determine whether additional strategies are needed for the coming year.
4. The Wellhead Protection Manager will make an annual written report to the City regarding progress in implementing the wellhead protection management objectives of this Plan. The annual reports will be compiled and used to review the overall progress in implementing source management strategies when the New Prague Wellhead Protection Plan is updated in 10 years. A copy of the report will be sent to the MDH Source Water Protection Unit, and another copy will be placed in the City's wellhead and source water protection file.

7.0 Alternative Water Supply Contingency Strategy

The City of New Prague has a Water Emergency and Conservation Plan that has been submitted and approved by the DNR, Division of Waters, Appropriation Permit Program. An update to this plan was recently submitted and is awaiting approval from the DNR. This approved Plan contains the required elements of the Minnesota Wellhead Protection Rule and is accepted as an equivalent to an Alternative Water Supply/Contingency Plan as defined in 4720.5280. Implementation of the Plan has begun with the aid and assistance of local emergency management agencies. A copy of the Plan is available for review at City Hall, 118 Central Avenue North, New Prague, MN 56071.

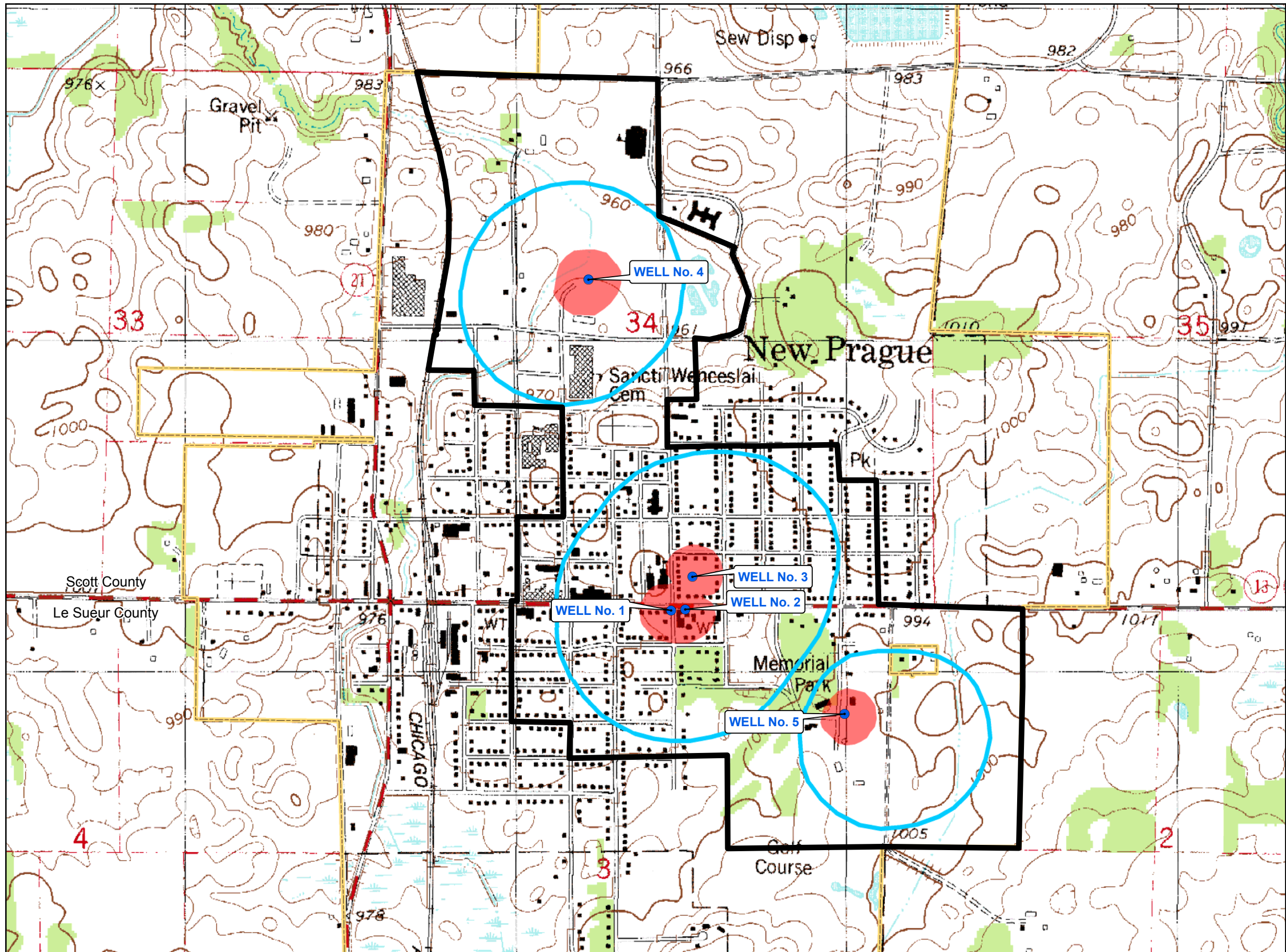
List of Figures

Figure 1 – Wellhead Protection Areas and Drinking Water Supply Management Areas

Figure 2 – DWSMA Vulnerability

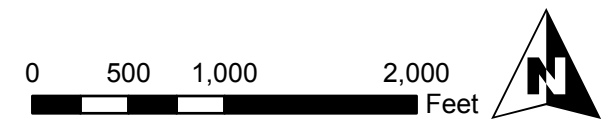
Figure 3 – Current and Planned Land Use

Figure 4 – Wells within the DWSMA



Legend

- New Prague Municipal Wells
- 1 Year WHPA
- 10 Year WHPA
- DWSMA
- City Boundary



Source:
City of New Prague, USGS, Mn/DOT, SEH Inc

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PROJECT:
ANEWPR0504.00

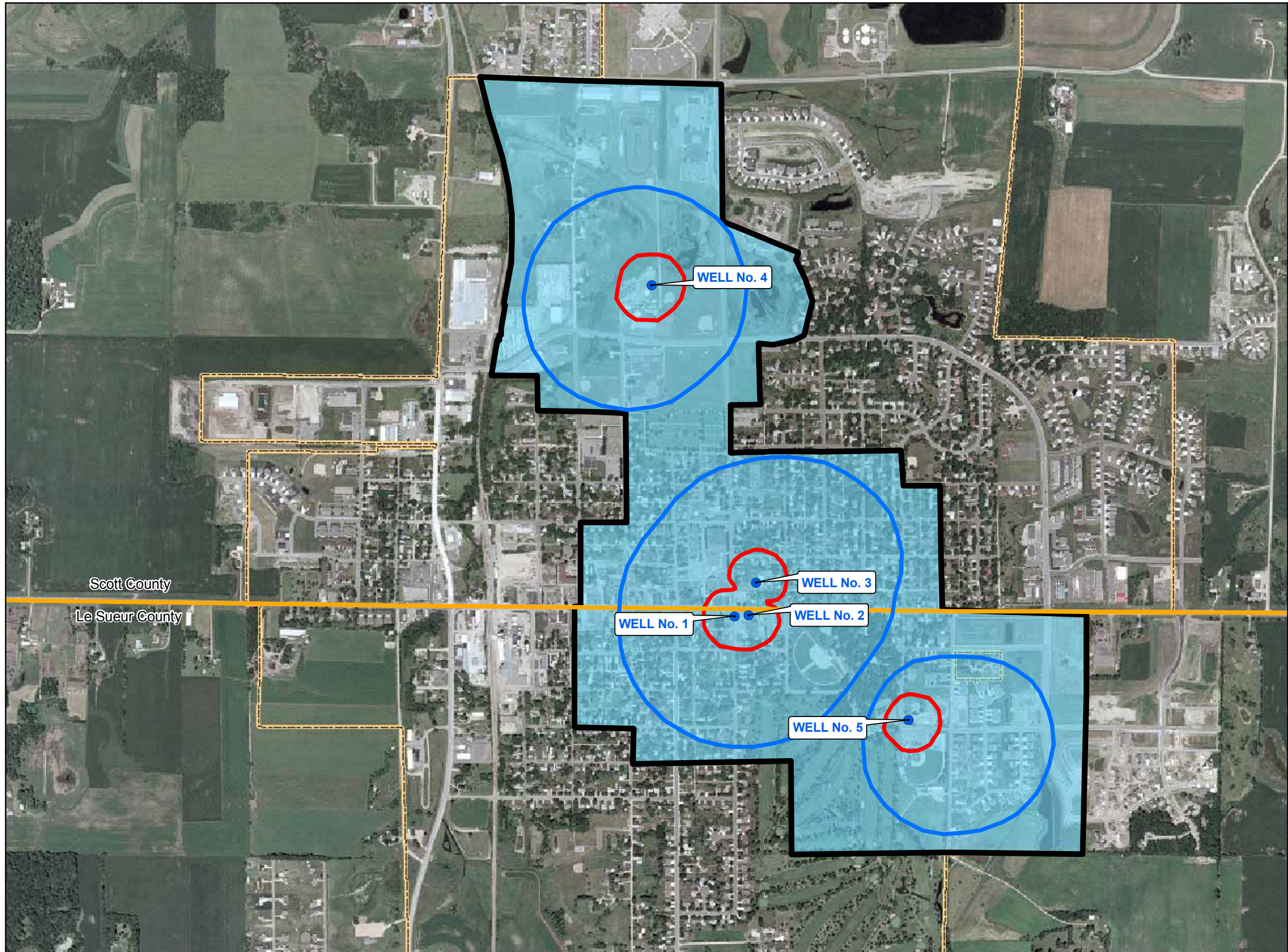
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WELLHEAD PROTECTION PLAN - PART II

New Prague, Minnesota

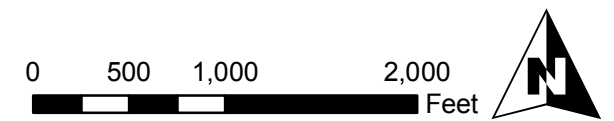
**WHPA's and
DWSMA**

**Figure
1**



Legend

- New Prague Municipal Wells
- 1 Year WHPA
- 10 Year WHPA
- Low Vulnerability
- DWSMA
- City Boundary
- County Border



Source:
City of New Prague, USDA-FSA, Mn/DOT, SEH Inc

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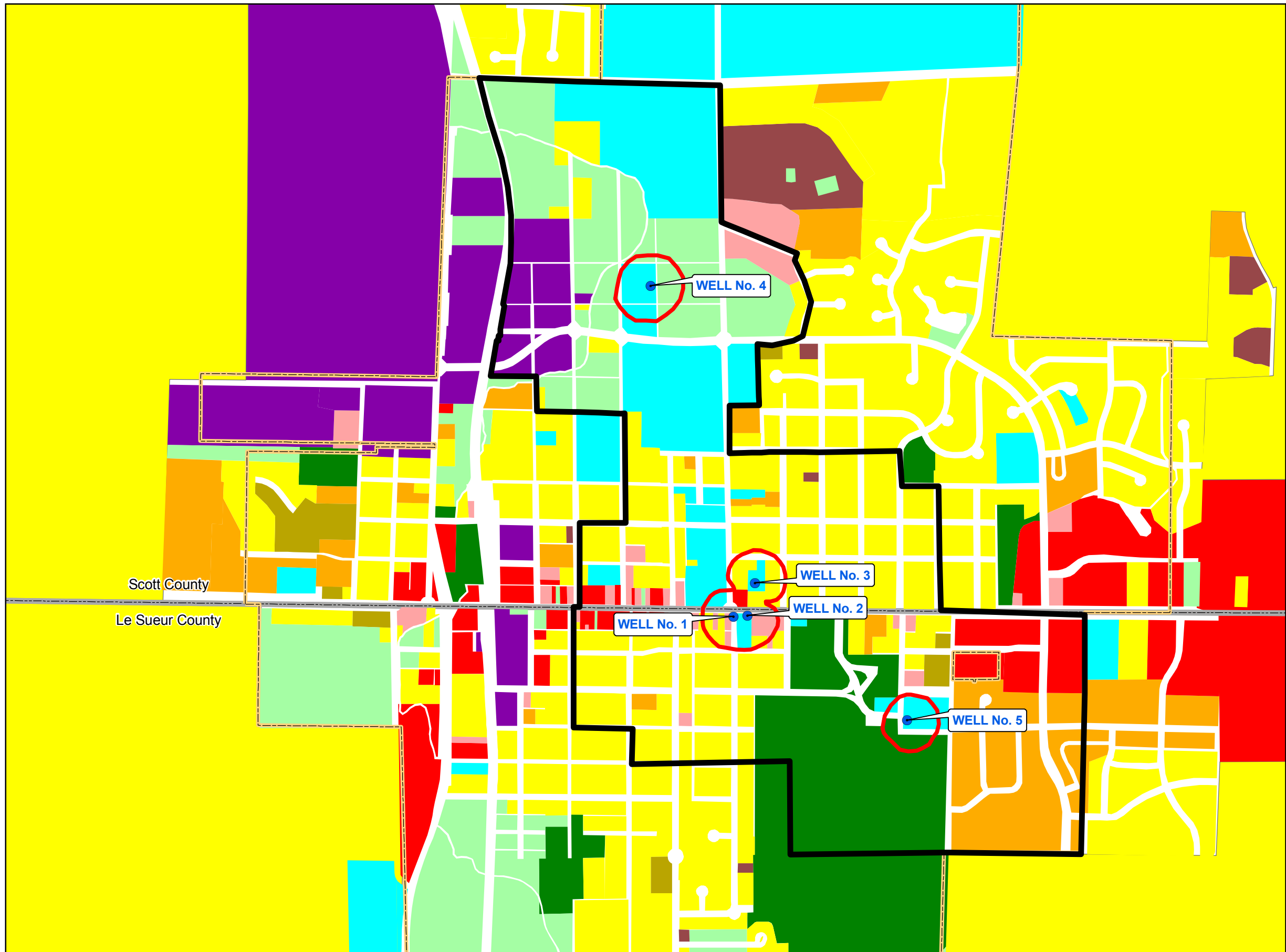
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WELLHEAD PROTECTION PLAN - PART II

New Prague, Minnesota

**DWSMA
Vulnerability**

**Figure
2**



Legend

Land Use

- Single Family Residential
- Townhomes
- Twinhomes
- Multiple Family Residential
- Office/Service Commercial
- Retail Commercial
- Industrial
- Park and Recreation
- Public and Institutional
- Agricultural/Vacant
- New Prague Municipal Wells
- 1 Year WHPA
- DWSMA
- City Boundary
- County Border



Source:
City of New Prague, USDA-FSA, Mn/DOT,
Mn/DNR, and SEH Inc

Map Document: (S:\KON\Newprn050400\GIS\Part_2\Fig03_PlannedLandUse.mxd) 6/19/2006 10:55:53 AM

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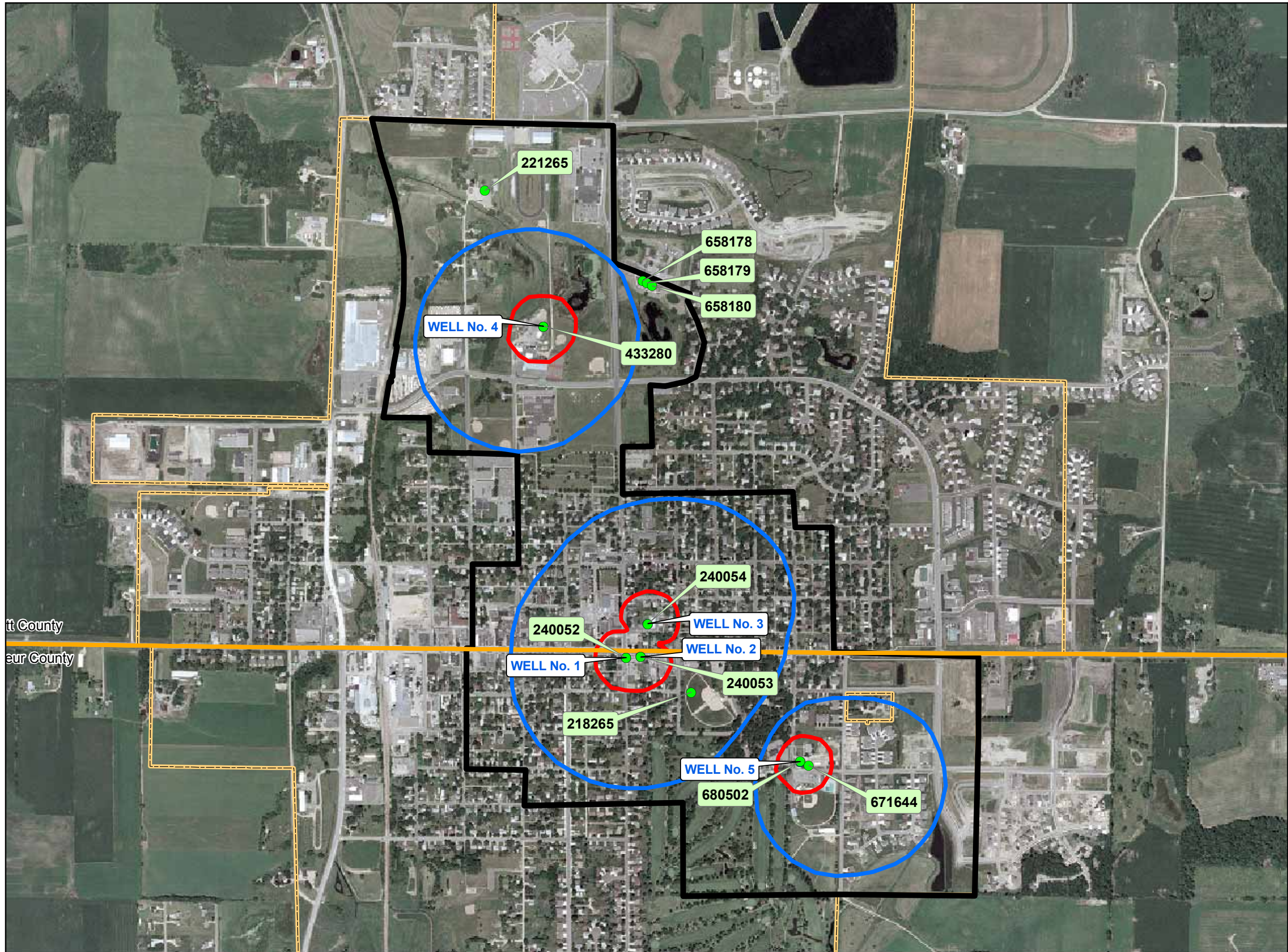
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Projection Information:
Name: NAD 1983 UTM Zone 15N
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WELLHEAD PROTECTION PLAN - PART II

New Prague, Minnesota

**Current and
Planned
Land Use**

**Figure
3**



- Legend**
- PotentialContaminateWells
 - 1 Year WHPA
 - 10 Year WHPA
 - DWSMA
 - City Boundary
 - County Border



Source:
City of New Prague, USDA-FSA, Mn/DOT, SEH Inc

Map Document: (S:\KON\Newprn050400\GIS\Part_2\Fig04_Wells within the DWSMA.mxd) 9/8/2006 11:49:09 AM

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WELLHEAD PROTECTION PLAN - PART II

New Prague, Minnesota

Wells within
the DWSMA

Figure
4

Appendix A

Part I Wellhead Protection Plan

Appendix B

Source Water Assessment

SOURCE WATER ASSESSMENT FOR New Prague

ID Number: 1400013

Facility Contact: Dennis Seurer(Public Work
(952) 758-4447
New Prague
300 East Main Street
New Prague, MN 56071

MDH Contact: Art Persons
(507) 292-5138
18 Wood Lake Drive Southeast
Rochester, MN 55904
art.persons@health.state.mn.us

Status of the Source Water Protection Plan:

The water supply system is preparing a protection plan for the wellhead protection area(s) that have been approved by the Minnesota Department of Health under provisions of Minnesota Rules Chapter 4720.

Source Water Protection Area: - Click [Map1](#) to view SWPA map(s).

Yes - A Source Water Protection Area has been designated for this well.

Description of the source water - The water supply for New Prague is obtained from 5 primary wells. Well depth (in feet), well status, aquifer(s) used, and sensitivity of the source(s) of drinking water are listed in the following table.

Unique Well No	Well ID	Depth	Well Use	Aquifer	Aquifer Sensitivity	*Well Sensitivity	SWPA
00240052	Well #1	555.0	Primary	Bedrock	Low	See (2)	Yes
00240053	Well #2	400.0	Primary	Bedrock	Low	See (2)	Yes
00240054	Well #3	398.0	Primary	Bedrock	Low	See (2)	Yes
00433280	Well #4	652.0	Primary	Bedrock	Low	See (2)	Yes
00680502	Well #5	424.0	Primary	Bedrock	Low	See (2)	Yes

Well construction assessment - The water wells used by the New Prague meet current standards for construction and maintenance. These factors do not contribute to the susceptibility of the source water to contamination.

Well Sensitivity - Well sensitivity refers to the integrity of the well due to its construction and maintenance. It is based on the results of the well construction assessment. It can be one of the following:

(1) The well is susceptible to contamination because it does not meet current construction standards or no information about well construction is available, regardless of aquifer sensitivity.

(2) The well is not susceptible because it meets well construction standards and does not present a pathway for contamination to readily enter the water supply.

Aquifer Sensitivity - Aquifer sensitivity refers to the degree of geological protection afforded the aquifer(s) used by the public water supply.

Low - The bedrock aquifer is covered by one or more layers of fine-grained material that probably protect it from potential sources of contamination.

Source Water Susceptibility - Source water susceptibility refers to the likelihood that a contaminant will reach the source of drinking water. It reflects the results of assessing well sensitivity, aquifer sensitivity, and water quality data.

Low - The source of drinking water is covered by one or more layers of fine-grained material that probably protect it from potential sources of contamination.

Contaminants of concern - The following statement summarizes the potential contaminants for which a source of drinking water may be at risk:

None of the contaminants regulated under the federal Safe Drinking Water Act for this public water supply system have been detected in the source water. A listing of these contaminants can be found at <http://www.epa.gov/safewater>.

Appendix C

Local Government Units

JOE DOHERTY
CHAIRPERSON
LESUEUR COUNTY BOARD
88 SOUTH PARK
LECENTER MN 56057

JOSEPH WAGNER
CHAIRPERSON
SCOTT COUNTY BOARD
200 4TH AVE W
SHAKOPEE MN 55379

JOSEPH LAMBRECHT
CHAIRPERSON
LANESBURG TOWNSHIP
436 MAPLEWOOD CIRCLE SW
NEW PRAGUE MN 56071

JOSEPH PEXA JR
CHAIRPERSON
HELENA TOWNSHIP BOARD
440 W 280TH ST
NEW PRAGUE MN 56071

PRESIDENT
LOWER MN RIVER WATERSHED DISTRICT
200 4TH AVE W
SHAKOPEE MN 55379

REGGIE EDWARDS
DIRECTOR
REGION 9 DEVELOPMENT COMMISSION
410 JACKSON ST
MANKATO MN 56001

TERRY BOVEE
PLANNER
MINNESOTA DEPARTMENT OF HEALTH
410 JACKSON ST SUITE 500
MANKATO MN 56001

DAWN TRACY
MANAGER
COUNTY NATURAL RESOURCES MANAGER
200 4TH AVE W
SHAKOPEE MN 55379

PETE BECKIUS
MANAGER
SCOTT COUNTY SWCD
7151 W 190TH ST SUITE 125
JORDAN MN 55352

Appendix D

Inner Wellhead Management Zone PCSI Forms

PWS ID:

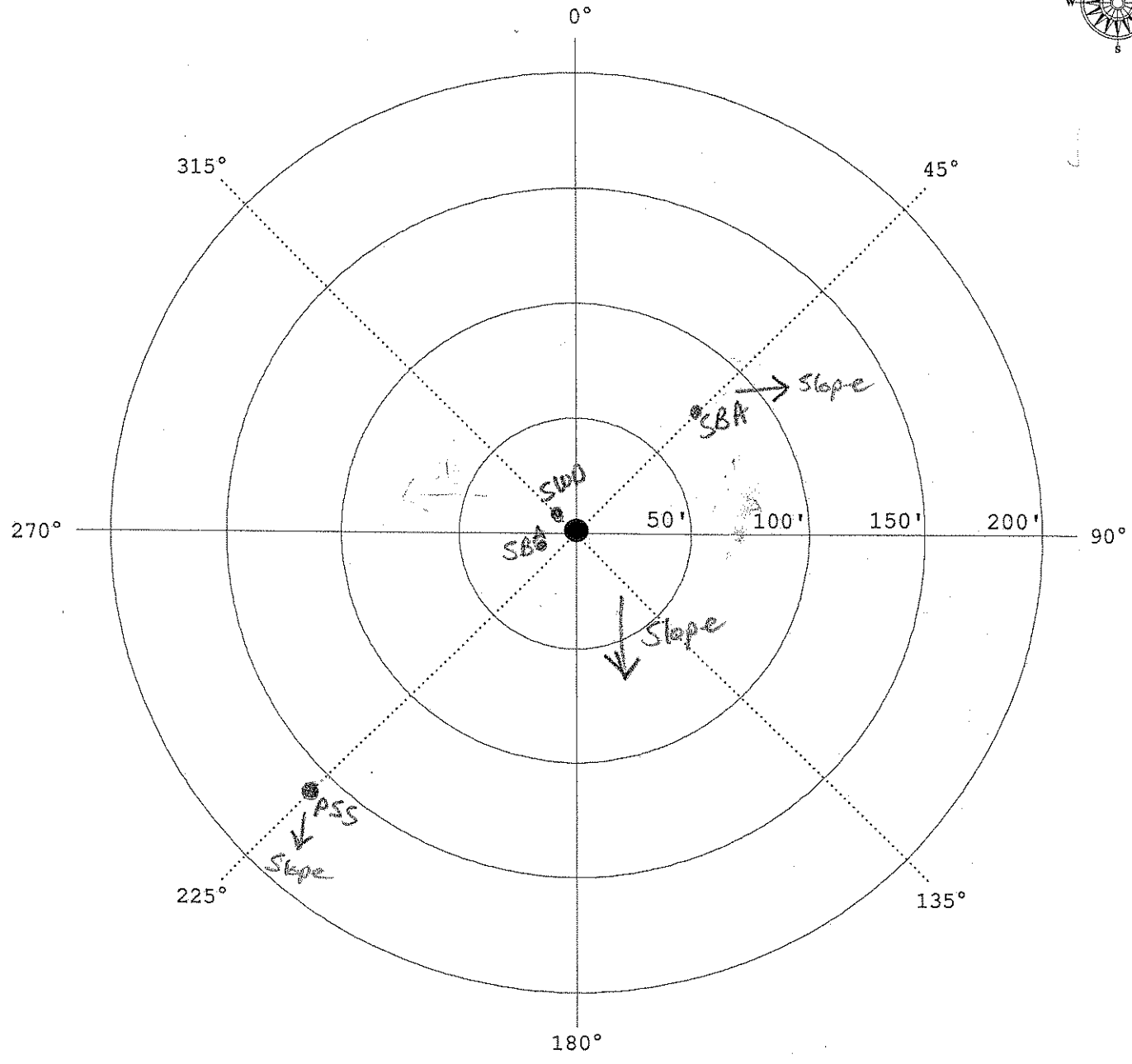
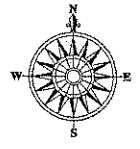
1400013

FACILITY ID:

240 052 - Well 1

SETBACK DISTANCES

All potential contaminant sources must be noted on sketch. Diagram the location and approximate compass bearing of each potential contaminant source from the well, and identify the source using the "Source Code." Include a slope indicator and property lines.



INSPECTOR:

Balen Sticha

DATE:

9/12/06

INNER WELLHEAD MANAGEMENT ZONE (IWMZ) - POTENTIAL CONTAMINANT SOURCE INVENTORY (PCSD) FORM

PUBLIC WATER SYSTEM INFORMATION

WS ID:- 1400013
 NAME: New PRAGUE Utilities
 ADDRESS: 118 Central Ave N.
 New PRAGUE, MN. 56071

COMMUNITY

NONCOMMUNITY:
 NONTRANSIENT
 TRANSIENT

FACILITY (WELL) INFORMATION

NAME: Well #1
 FACILITY ID:
 UNIQUE WELL NO: 240052
 COUNTY: Le Sueur.

CONSTRUCTION INFORMATION

Well Information Collected from: Well Log (if available, please attach a copy of the well log.) Verbal
 Date Constructed: 1 / 1985 Served By:

SOURCE CODE	ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET)					LOCATION		
		Community Minimum Distance	Noncommunity Minimum Distance	Sensitive Well*	Within 200 Feet			Distance from Well	Est. (?)
					Y	N	U		
AGRICULTURAL RELATED									
ACP	Agricultural chemical storage or preparation area, more than 25 gallons or 100 pounds dry weight	150	150				X		
ACS	Agricultural chemical storage or preparation area with safeguards	100	100				X		
ACT	Agricultural chemical supply tank	50	50				X		
ACR	Agricultural chemical storage or preparation area with safeguards and roofed	50	50				X		
ADW	Agricultural drainage well	50	50				X		
AAT	Anhydrous ammonia tank	50	50				X		
AFL	Animal feedlot	50	50	100			X		
APB	Animal or poultry building	50	50	100			X		
MSA	Animal manure storage area	100	100	200			X		
AMA	Animal manure application (storage or stockpile)	50	100				X		
ABS	Animal burial site	50	50				X		
FWP	Feeding or watering area within a pasture	50	50	100			X		
OSC	Open storage for crops	use discretion	use discretion				X		
SKY	Stockyard	50	50				X		
CLASS V INJECTION WELLS									
GPR	Gravel pocket receiving clear water drainage	30	N/A				X		
IWD	Industrial waste disposal	use discretion	use discretion				X		
LCC	Large capacity cesspools	illegal	illegal				X		
MVW	Motor vehicle waste disposal	illegal	illegal				X		
STS RELATED									
CSP	Cesspool	75	75	150			X		
DRA	Drainfield - above or below grade	50	50	100			X		
AGG	Dry well, leaching pit, seepage pit	75	75	150			X		
HTK	Holding tank	50	50				X		
PRV	Privy	50	50	100			X		
SET	Septic tank	50	50				X		
SLS	Sewage lift station	50	50				X		
SSW	Sewage sump, watertight	50	20				X		
SSN	Sewage sump, non-watertight	50	50				X		
SBA	Sewer buried, approved, air tested	50	20			X		18 ft	
SBM	Sewer, buried collector, municipal, pressurized, open jointed, or unapproved materials	50	50				X		
LAND APPLICATION									
FWS	Food waste (note distance from well)	use discretion	use discretion				X		
SPT	Septage (note distance from well)	50	50				X		
SSG	Sewage sludge	50	50				X		
WAS	Waste	50	50				X		

SOURCE CODE	ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET)					LOCATION		
		Community Minimum Distance	Noncommunity Minimum Distance	Sensitive Well*	Within 200 Feet			Distance from Well	Est. (?)
					Y	N	U		

SOLID WASTE RELATED

COS	Composting site (public/commercial)	50	50			X			
CBL	Construction debris/demolition landfill	50	50			X			
DMP	Dump	150	150			X			
SVY	Salvage yard	50	50			X			
SLF	Sanitary landfill	150	150			X			
SWT	Solid waste transfer station	50	50			X			

STORM WATER RELATED

SWD	Storm water drain pipe, 12 inches or greater	50	20			X			14 ft
SWR	Storm water retention basin greater than 1000 gallons	50	50			X			
SWB	Storm water infiltration basin greater than 1000 gallons	50	50			X			
SWI	Storm water injection well	50	50			X			

WELLS

WEL	Operating well		use discretion	use discretion			X		
UUW	Unused, unsealed well or boring	50	50				X		

GENERAL

PLM	Contaminant plume	50	50				X		
DWT	Discharge of water treatment chemical waste	50	50				X		
DRD	Drainage ditch (holds water six months or more)	50	50				X		
GRV	Grave	50	50				X		
HSP	Hazardous substance storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150	150				X		
HSS	Hazardous substance storage tank with safeguards	100	100				X		
IWS	Interceptor (waste)	50	50				X		
PSP	Petroleum storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150	150				X		
PSS	Petroleum storage tank with safeguards <i>under shop</i>	100	100			X			16 ft
PSU	Petroleum storage tank, underground, less than 1100 gallons	50	50				X		
PSA	Petroleum storage tank, above ground, less than 1100 gallons	50	20				X		
PIT	Pit	50	20				X		
PCH	Pollutant, contaminant, or hazardous substance	50	50				X		
REN	Rendering plant (note distance from well)		use discretion	use discretion			X		
RSS	Road salt storage	50	50				X		
WAT	Stream, river, pond, lake, wetland	50	50				X		
SPI	Swimming pool, in-ground	50	20				X		
UFS	Unfilled space	50	20				X		
WSP	Waste stabilization pond	150	150				X		

ADDITIONAL SOURCES (If there is more than one source listed above, please indicate here.)

SRA	<i>Private Sewer.</i>						X		70 ft

MISCELLANEOUS (The items in this section need to be recorded but not indicated on the map.)

BLD	Building (Means a structure that does not contain any actual or potential contaminant sources within the structure.)	3	3						10 ft
BPO	Building projection, overhang	3	3						
ETL	Electric transmission line	5/10	5/10						
ETE	Electric transmission line in excess of 50 kv	25	25						135 ft
FFH	Fire or flushing hydrant	10	N/A						118 ft
FPH	Frost proof yard hydrant	10	10						
GSP	Gas pipe	5/10	5/10						164 ft
HWF	Highest water or flood level	50	N/A						
PLE	Property line or easement	50	N/A						

A sensitive well has less than 50 feet of watertight casing and less than 10 feet of impervious material between the well intake and the land surface.



INNER WELLHEAD MANAGEMENT ZONE - CONTAMINANT SOURCE INVENTORY FORM

PUBLIC WATER SYSTEM INFORMATION

NAME: New PRAGUE Utilities
 ADDRESS: 300 East Main St.
New PRAGUE, MN 56071

PWSID: 1400013

FACILITY (WELL) INFORMATION

NAME: Well #1

FACILITY ID:

LOCATIONAL INFORMATION: 300 East Main St
(Columbus Ave Sot Main St-E)

UNIQUE WELL NO: 240052

COUNTY: Le Sueur

GPS FILE ID: _____

TWSP: 112 N RANGE: 23 W SECTION: 3

SITE CONDITIONS

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Surface drainage toward well | <input type="checkbox"/> Well cap missing | <input type="checkbox"/> Water heard running in well |
| <input type="checkbox"/> Wellhead damaged | <input type="checkbox"/> Wellhead buried | <input type="checkbox"/> Casing < 12" above ground |
| <input type="checkbox"/> Other: _____ | | |

CONSTRUCTION INFORMATION

Date Constructed: 1/1/925 Last Serviced: 7/18/96 Well Log Available: Yes No

Construction Type: Drilled Augered Driven Hand dug Jetted
 Aquifer Completion: Screened Open borehole Open bottom
 Well Depth: 545' Static Water Level: 155' Pumping Water Level: 235'

Casing Type: Steel Stainless steel Plastic PVC Cement Masonry Wood Thin walled metal
 Casing Joints: Metal couplings Welded Cemented/Solvent welded
 Bore Hole Seal: Cement grout Bentonite Drilled cuttings Puddled clay Drilling fluid None
 Well Completion: Pitless adaptor Well house Approved cap Pit Basement offset Pump sits on casing
 Casing Depth: 162 ft Casing Diameter: smallest: _____ largest: 10"
 Casing extends to land surface Cement grout between all casings

NONCOMPLYING SETBACK DISTANCES

Diagram the location and distance of each source from the well. Note locations of noncomplying sources or sources not listed on the back of this sheet.

See Attached

○ well

Inspector: _____

Date: _____

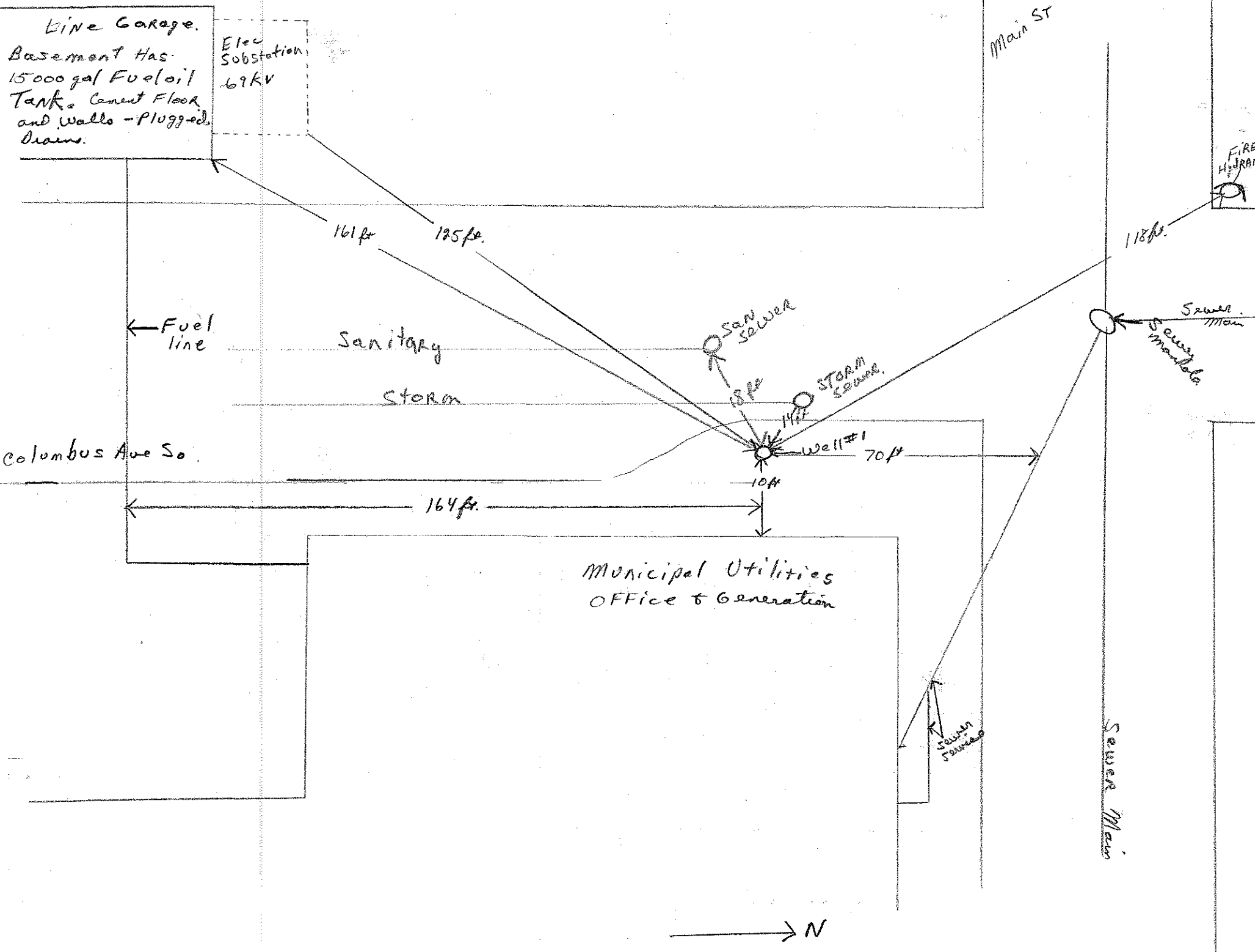
ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET) (Circle appropriate distance.)			LOCATION			
	MEETS MINIMUM DISTANCE	SENSITIVE WELL*	COMMUNITY	WITHIN 200 FEET OF SOURCE	MEETS CURRENT STANDARD		
					Y	N	U
Agricultural chemical storage or preparation area, more than 25 gallons or 100 pounds dry weight	150						
Agricultural chemical storage or preparation area with safeguards	100						
Agricultural chemical storage or preparation area with safeguards and roofed	50						
Agricultural chemical supply tank	20		50				
Anhydrous ammonia tank	50						
Animal feedlot	50	100					
Animal or poultry building	50	100					
Building	3			10ft	X		
Building projection, overhang	3			2ft	X		
Cesspool	75	150					
Construction debris/Demolition landfill	50						
Discharge of water treatment chemical waste	50						
Dry well (sewage)	75	150					
Dump	150						
Electric transmission line	5						
Electric transmission line in excess of 50 kv (69kv) 100ft	25			115ft	X		
Feeding or watering area within a pasture	50	100					
Frost proof yard hydrant	10						
Gas pipe	5			1ft			
Grave	50						
Hazardous substance storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150						
Hazardous substance storage tank with safeguards	100						
Holding tank	50						
Interceptor (waste)	50						
Leaching pit	75	150					
LP tank	5						
Manure storage area	100	200					
Ordinary high water level of a stream, river, pond, or lake	50						
Petroleum storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150				X		
Petroleum storage tank with safeguards	100			161ft	X		
Petroleum storage tank, underground, less than 1100 gallons	50						
Petroleum storage tank, above ground, less than 1100 gallons	20		50				
Pit	20		50				
Pollutant, contaminant, or hazardous substance	50						
Privy	50	100					
Road salt storage	50						
Salvage yard	50						
Sanitary landfill	150						
Seepage pit	75	150					
Septic tank	50						
Sewage lift station	50						
Sewage sludge or waste land spreading	50						
Sewage sump, watertight	20		50				
Sewage sump, non-watertight	50						
Sewer, buried, approved air-tested	20		50				
Sewer, buried, pressure, approved, air-tested serving a single family residence	20		50	70ft	X		
Sewer, buried collector, municipal, pressurized, open jointed, or unapproved materials	50			70ft	X		
Solid waste transfer station	50						
Storm water drain pipe 12 inches or greater in diameter	20		50				
Subsurface disposal field (drainfield)	50	100					
Swimming pool, in-ground	20		50				
Unfilled space	20		50				
Unused, unsealed well or boring	50						
Waste stabilization pond	150						

ADDITIONAL ISOLATION DISTANCES FOR COMMUNITY PUBLIC WATER SUPPLY GROUNDWATER SOURCES

Fire or flushing hydrant			10	118ft			
Gravel pocket receiving clear water drainage			30				
Highest water or flood level			50				
Property line or easement: WFLC HS ROAD ROW			50	0			

* A sensitive well has less than 50 feet of casing or less than 10 feet of impervious material between the well intake and the land surface.

600



PWS ID:

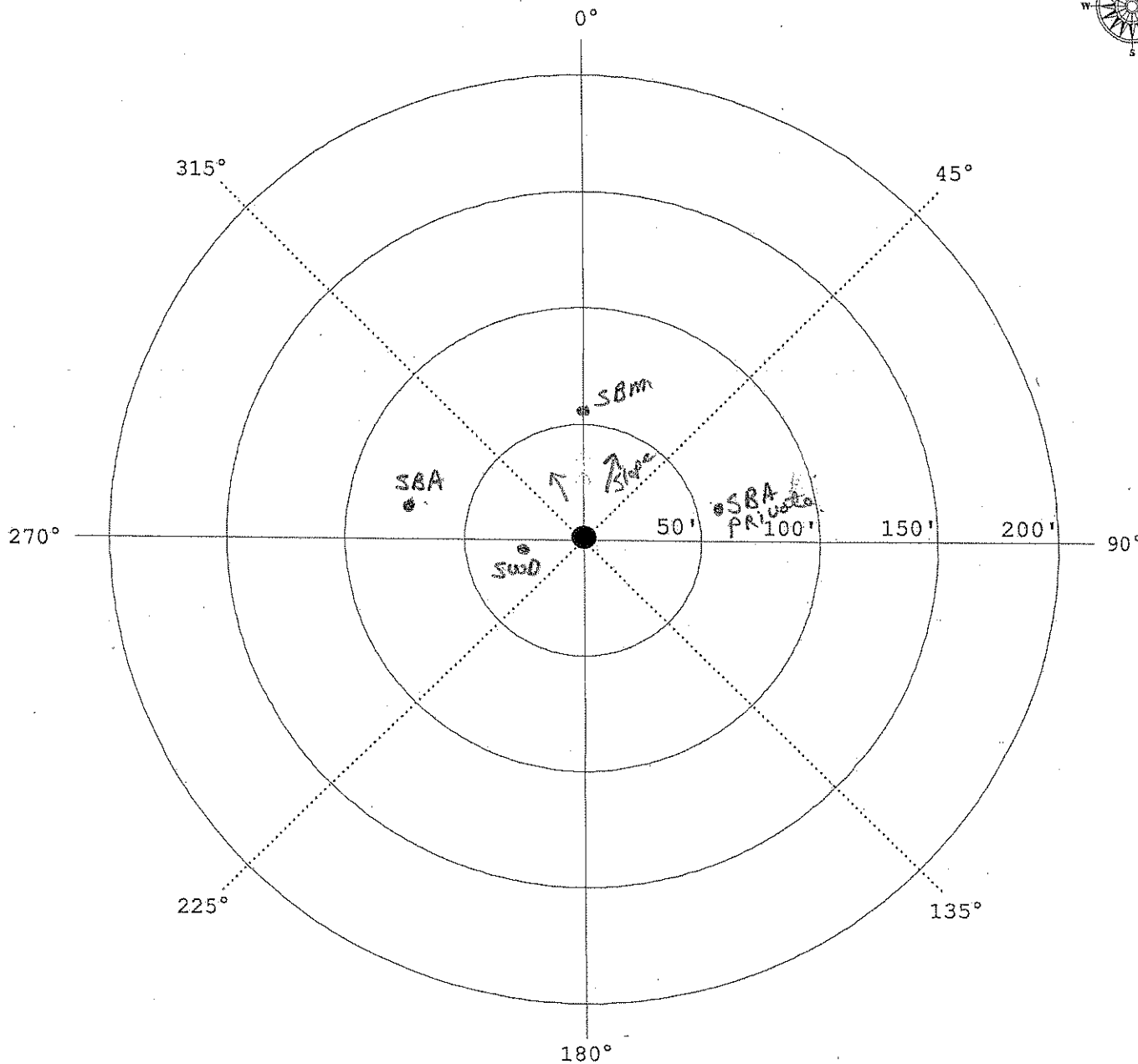
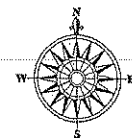
1400013

FACILITY ID:

240 053 - well 2

SETBACK DISTANCES

All potential contaminant sources must be noted on sketch. Diagram the location and approximate compass bearing of each potential contaminant source from the well, and identify the source using the "Source Code." Include a slope indicator and property lines.



#2

INSPECTOR:

Glen Sticha

DATE:

9/17/06

**INNER WELLHEAD MANAGEMENT ZONE (IWMZ) -
 POTENTIAL CONTAMINANT SOURCE INVENTORY (PCSI) FORM**

PUBLIC WATER SYSTEM INFORMATION
 PWS ID: 1400013
 NAME: New PRAQUE Utilities
 ADDRESS: 118 Central Ave N.
New PRAQUE, MN. 56071

COMMUNITY
 NONCOMMUNITY:
 NONTRANSIENT
 TRANSIENT

FACILITY (WELL) INFORMATION
 NAME: Well # 2
 FACILITY ID:
 UNIQUE WELL NO: 240053
 COUNTY: LESUEUR

CONSTRUCTION INFORMATION
 Well Information Collected from: Well Log (if available, please attach a copy of the well log.) Verbal
 Date Constructed: 1 / 1938 Serviced By:

SOURCE CODE	ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET)						LOCATION	
		Community Minimum Distance	Noncommunity Minimum Distance	Sensitive Well*	Within 200 Feet			Distance from Well	Est. (?)
					Y	N	U		

AGRICULTURAL RELATED

ACP	Agricultural chemical storage or preparation area, more than 25 gallons or 100 pounds dry weight	150	150						
ACS	Agricultural chemical storage or preparation area with safeguards	100	100						
ACT	Agricultural chemical supply tank	50	50						
ACR	Agricultural chemical storage or preparation area with safeguards and roofed	50	50						
ADW	Agricultural drainage well	50	50						
AAT	Anhydrous ammonia tank	50	50						
AFL	Animal feedlot	50	50	100					
APB	Animal or poultry building	50	50	100					
MSA	Animal manure storage area	100	100	200					
AMA	Animal manure application (storage or stockpile)	50	100						
ABS	Animal burial site	50	50						
FWP	Feeding or watering area within a pasture	50	50	100					
OSC	Open storage for crops	use discretion	use discretion						
SKY	Stockyard	50	50						

CLASS V INJECTION WELLS

GPR	Gravel pocket receiving clear water drainage	30	N/A						
IWD	Industrial waste disposal	use discretion	use discretion						
LCC	Large capacity cesspools	illegal	illegal						
MVW	Motor vehicle waste disposal	illegal	illegal						

STS RELATED

CSP	Cesspool	75	75	150					
DRA	Drainfield - above or below grade	50	50	100					
AGG	Dry well, leaching pit, seepage pit	75	75	150					
HTK	Holding tank	50	50						
PRV	Privy	50	50	100					
SET	Septic tank	50	50						
SLS	Sewage lift station	50	50						
SSW	Sewage sump, watertight	50	20						
SSN	Sewage sump, non-watertight	50	50						
SBA	Sewer buried, approved, air tested <u>PRIVATE line</u>	50	20		X			58 ft	
SBM	Sewer, buried collector, municipal, pressurized, open jointed, or unapproved materials	50	50		X			53 ft	

LAND APPLICATION

FWS	Food waste (note distance from well)	use discretion	use discretion						
SPT	Septage (note distance from well)	50	50						
SSG	Sewage sludge	50	50						
WAS	Waste	50	50						

SOURCE CODE	ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET)						LOCATION	
		Community Minimum Distance	Noncommunity Minimum Distance	Sensitive Well*	Within 200 Feet			Distance from Well	Est. (?)
					Y	N	U		

SOLID WASTE RELATED

COS	Composting site (public/commercial)	50	50						
CBL	Construction debris/demolition landfill	50	50						
DMP	Dump	150	150						
SVY	Salvage yard	50	50						
SLF	Sanitary landfill	150	150						
SWT	Solid waste transfer station	50	50						

STORM WATER RELATED

SWD	Storm water drain pipe, 12 inches or greater <i>Filter Backwash</i>	50	20		X				24 FT
SWR	Storm water retention basin greater than 1000 gallons	50	50						
SWB	Storm water infiltration basin greater than 1000 gallons	50	50						
SWI	Storm water injection well	50	50						

WELLS

WEL	Operating well	use discretion	use discretion						
UUW	Unused, unsealed well or boring	50	50						

GENERAL

PLM	Contaminant plume	50	50						
DWT	Discharge of water treatment chemical waste	50	50						
DRD	Drainage ditch (holds water six months or more)	50	50						
GRV	Grave	50	50						
HSP	Hazardous substance storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150	150						
HSS	Hazardous substance storage tank with safeguards	100	100						
IWS	Interceptor (waste)	50	50						
PSP	Petroleum storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150	150						
PSS	Petroleum storage tank with safeguards	100	100						
PSU	Petroleum storage tank, underground, less than 1100 gallons	50	50						
PSA	Petroleum storage tank, above ground, less than 1100 gallons	50	20						
PIT	Pit	50	20						
PCH	Pollutant, contaminant, or hazardous substance	50	50						
REN	Rendering plant (note distance from well)	use discretion	use discretion						
RSS	Road salt storage	50	50						
WAT	Stream, river, pond, lake, wetland	50	50						
SPI	Swimming pool, in-ground	50	20						
UFS	Unfilled space	50	20						
WSP	Waste stabilization pond	150	150						

ADDITIONAL SOURCES (If there is more than one source listed above, please indicate here.)

SBA	Sewer Service				X				78'

MISCELLANEOUS (The items in this section need to be recorded but not indicated on the map.)

BLD	Building (Means a structure that does not contain any actual or potential contaminant sources within the structure.)	3	3						
BPO	Building projection, overhang	3	3						
ETL	Electric transmission line	5/10	5/10						
ETE	Electric transmission line in excess of 50 kv	25	25						
FFH	Fire or flushing hydrant	10	N/A						
FPH	Frost proof yard hydrant	10	10						
GSP	Gas pipe	5/10	5/10						
HWF	Highest water or flood level	50	N/A						
PLE	Property line or easement	50	N/A						36 FT

A sensitive well has less than 50 feet of watertight casing and less than 10 feet of impervious material between the well intake and the land surface.



INNER WELLHEAD MANAGEMENT ZONE - CONTAMINANT SOURCE INVENTORY FORM

PUBLIC WATER SYSTEM INFORMATION

NAME: New PRAGUE Utilities
 ADDRESS: 300 East Main St.
New Prague, Mn. 56071

PWSID: 1400013

FACILITY (WELL) INFORMATION

NAME: Well # 2

FACILITY ID:

LOCATIONAL INFORMATION: 300 East Main St.
(#1 Filter Bldg.)

UNIQUE WELL NO: 240053

COUNTY: Le Sueur

GPS FILE ID: _____

TOWNSHIP: 112N RANGE: 23W SECTION: 3 QTR: ABB

SITE CONDITIONS

- | | | |
|---|---|--|
| <input type="checkbox"/> Surface drainage toward well | <input type="checkbox"/> Well cap missing | <input type="checkbox"/> Water heard running in well |
| <input type="checkbox"/> Wellhead damaged | <input type="checkbox"/> Wellhead buried | <input type="checkbox"/> Casing < 12" above ground - <u>This is less than 12" above concrete</u> |
| <input type="checkbox"/> Other: _____ | | |

CONSTRUCTION INFORMATION

Date Constructed: 1/1/1938 Last Serviced: 6/15/97 Well Log Available: Yes No

Construction Type:	<input type="checkbox"/> Drilled	<input type="checkbox"/> Augered	<input type="checkbox"/> Driven	<input type="checkbox"/> Hand dug	<input type="checkbox"/> Jetted
Filter Completion:	<input type="checkbox"/> Screened	<input checked="" type="checkbox"/> Open borehole	<input type="checkbox"/> Open bottom		
Well Depth: <u>400</u>	Static Water Level: <u>151</u>	Pumping Water Level: <u>189'</u>			

Casing Type:	<input checked="" type="checkbox"/> Steel	<input type="checkbox"/> Stainless steel	<input type="checkbox"/> Plastic	<input type="checkbox"/> PVC	<input type="checkbox"/> Cement	<input type="checkbox"/> Masonry	<input type="checkbox"/> Wood	<input type="checkbox"/> Thin walled metal
Casing Joints:	<input type="checkbox"/> Metal couplings	<input type="checkbox"/> Welded	<input type="checkbox"/> Cemented/Solvent welded					
Bore Hole Seal:	<input type="checkbox"/> Cement grout	<input type="checkbox"/> Bentonite	<input type="checkbox"/> Drilled cuttings	<input type="checkbox"/> Puddled clay	<input type="checkbox"/> Drilling fluid	<input type="checkbox"/> None		
Well Completion:	<input type="checkbox"/> Pitless adaptor	<input type="checkbox"/> Well house	<input type="checkbox"/> Approved cap	<input type="checkbox"/> Pit	<input type="checkbox"/> Basement offset	<input checked="" type="checkbox"/> Pump sits on casing		
Casing Depth: <u>153 R/L</u>	Casing Diameter: smallest: _____ largest: <u>10"</u>							
Casing extends to land surface	<input type="checkbox"/> Cement grout between all casings							

NONCOMPLYING SETBACK DISTANCES

Diagram the location and distance of each source from the well. Note locations of noncomplying sources or sources not listed on the back of this sheet.

SEE ATTACHED MAP.

○ well

Inspector: _____

Date: _____

ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET) (Circle appropriate distance.)			LOCATION			
	MEETS MINIMUM DISTANCE	SENSITIVE WELL*	COMMUNITY	WITHIN 200 FEET OF SOURCE	MEL CURR. STANDARDS		
					Y	N	U
Agricultural chemical storage or preparation area, more than 25 gallons or 100 pounds dry weight	150						
Agricultural chemical storage or preparation area with safeguards	100						
Agricultural chemical storage or preparation area with safeguards and roofed	50						
Agricultural chemical supply tank	20		50				
Anhydrous ammonia tank	50						
Animal feedlot	50	100					
Animal or poultry building	50	100					
Building <i>Inside Filter #1 Building</i>	3			5ft	X		
Building projection, overhang	3						
Cesspool	75	150					
Construction debris/Demolition landfill	50						
Discharge of water treatment chemical waste <i>Does this include backwash water?</i>	50			24'			
Dry well (sewage)	75	150					
Dump	150						
Electric transmission line	5						
Electric transmission line in excess of 50 kv	25						
Feeding or watering area within a pasture	50	100					
Frost proof yard hydrant	10						
Gas pipe	5						
Grave	50						
Hazardous substance storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150						
Hazardous substance storage tank with safeguards	100						
Holding tank <i>Raw sewage for backwash & Potable</i>	50			94ft	X		
Interceptor (waste)	50						
Leaching pit	75	150					
LP tank	5						
Manure storage area	100	200					
Ordinary high water level of a stream, river, pond, or lake	50						
Petroleum storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150						
Petroleum storage tank with safeguards	100						
Petroleum storage tank, underground, less than 1100 gallons	50						
Petroleum storage tank, above ground, less than 1100 gallons	20		50				
Pit	20		50				
Pollutant, contaminant, or hazardous substance	50						
Privy	50	100					
Road salt storage	50						
Salvage yard	50						
Sanitary landfill	150						
Seepage pit	75	150					
Septic tank	50						
Sewage lift station	50						
Sewage sludge or waste land spreading	50						
Sewage sump, watertight	20		50				
Sewage sump, non-watertight	50						
Sewer, buried, approved air-tested	20		50				
Sewer, buried, pressure, approved, air-tested serving a single family residence	20		50				
Sewer, buried collector, municipal, pressurized, open jointed, or unapproved materials	50						
Solid waste transfer station	50						
Storm water drain pipe 12 inches or greater in diameter <i>Backwash water</i>	20		50	24ft	X		
Subsurface disposal field (drainfield)	50	100					
Swimming pool, in-ground	20		50				
Unfilled space	20		50				
Unused, unsealed well or boring	50						
Waste stabilization pond	150						
ADDITIONAL ISOLATION DISTANCES FOR COMMUNITY PUBLIC WATER SUPPLY GROUNDWATER SOURCES							
Fire or flushing hydrant			10				
Gravel pocket receiving clear water drainage			30				
Highest water or flood level			50				
Property line or easement			50	36ft	X		

* A sensitive well has less than 50 feet of casing or less than 10 feet of impervious material between the well intake and the land surface.

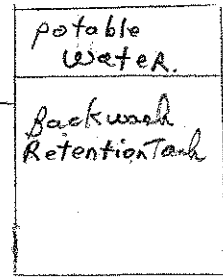
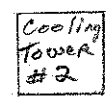
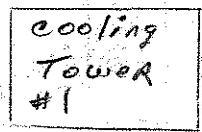
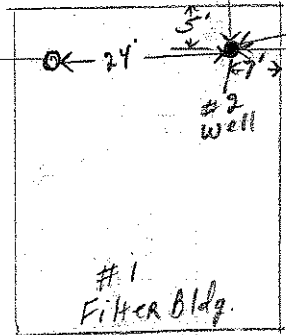
Main St E
Main Sewer

Main Sewer line

Columbus Ave So.

300 East Main St.
Utilities Office
& Generation

308 East Main
Hartman Well
Grillers



underground Reservoir

Basin & Drain

Property Line

Private Sewer Line

well #1

Sewer Service

78'

53'

58'

36'

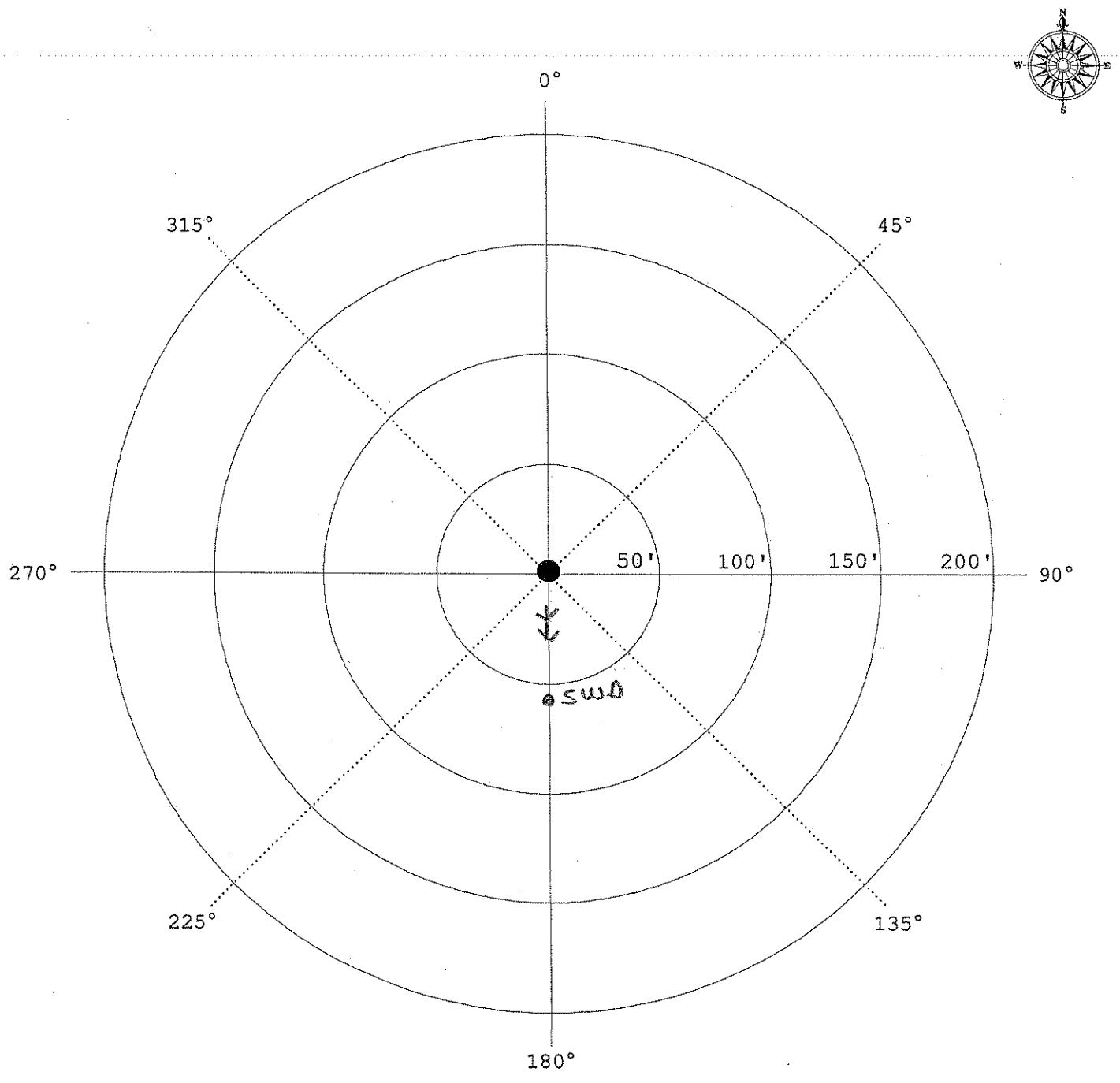
27'

67'

PWS ID: 1400013 FACILITY ID: 240054 - well 3

SETBACK DISTANCES

All potential contaminant sources must be noted on sketch. Diagram the location and approximate compass bearing of each potential contaminant source from the well, and identify the source using the "Source Code." Include a slope indicator and property lines.



#3

INSPECTOR: Allen Richa DATE: 9/12/06

PUBLIC WATER SYSTEM INFORMATION

PWS ID:- 1400013
 NAME: New PRAGUE Utilities
 ADDRESS: 118 Central Ave N
New PRAGUE, MN. 56071

COMMUNITY

NONCOMMUNITY:
 NONTRANSIENT
 TRANSIENT

FACILITY (WELL) INFORMATION

NAME: Well #3
 FACILITY ID:
 UNIQUE WELL NO: 240054
 COUNTY: Scott

CONSTRUCTION INFORMATION

Well Information Collected from: Well Log (if available, please attach a copy of the well log.) Verbal
 Date Constructed: 1/1948 Serviced By:

SOURCE CODE	ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET)						LOCATION	
		Community Minimum Distance	Noncommunity Minimum Distance	Sensitive Well*	Within 200 Feet			Distance from Well	Est. (?)
					Y	N	U		
AGRICULTURAL RELATED									
ACP	Agricultural chemical storage or preparation area, more than 25 gallons or 100 pounds dry weight	150	150			X			
ACS	Agricultural chemical storage or preparation area with safeguards	100	100			X			
ACT	Agricultural chemical supply tank	50	50			X			
ACR	Agricultural chemical storage or preparation area with safeguards and roofed	50	50			X			
ADW	Agricultural drainage well	50	50			X			
AAT	Anhydrous ammonia tank	50	50			X			
AFL	Animal feedlot	50	50	100		X			
APB	Animal or poultry building	50	50	100		X			
MSA	Animal manure storage area	100	100	200		X			
AMA	Animal manure application (storage or stockpile)	50	100			X			
ABS	Animal burial site	50	50			X			
FWP	Feeding or watering area within a pasture	50	50	100		X			
OSC	Open storage for crops	use discretion	use discretion			X			
SKY	Stockyard	50	50			X			
CLASS V INJECTION WELLS									
GPR	Gravel pocket receiving clear water drainage	30	N/A			X			
IWD	Industrial waste disposal	use discretion	use discretion			X			
LCC	Large capacity cesspools	illegal	illegal			X			
MVW	Motor vehicle waste disposal	illegal	illegal			X			
ISTS RELATED									
CSP	Cesspool	75	75	150		X			
DRA	Drainfield - above or below grade	50	50	100		X			
AGG	Dry well, leaching pit, seepage pit	75	75	150		X			
HTK	Holding tank	50	50			X			
PRV	Privy	50	50	100		X			
SET	Septic tank	50	50			X			
SLS	Sewage lift station	50	50			X			
SSW	Sewage sump, watertight	50	20			X			
SSN	Sewage sump, non-watertight	50	50			X			
SBA	Sewer buried, approved, air tested	50	20			X			
SBM	Sewer, buried collector, municipal, pressurized, open jointed, or unapproved materials	50	50			X			
LAND APPLICATION									
FWS	Food waste (note distance from well)	use discretion	use discretion			X			
SPT	Septage (note distance from well)	50	50			X			
SSG	Sewage sludge	50	50			X			
WAS	Waste	50	50			X			

INNER WELLHEAD MANAGEMENT ZONE - CONTAMINANT SOURCE INVENTORY FORM

PUBLIC WATER SYSTEM INFORMATION

NAME: *New Prague Utilities*
 ADDRESS: *300 East Main St.*
New Prague, Mn. 56071

PWSID: *1400013*

FACILITY (WELL) INFORMATION

NAME: *Well #3*

FACILITY ID:

LOCATIONAL INFORMATION: *300 East Main St*

UNIQUE WELL NO: *240054*

COUNTY: *Scott*

PS FILE ID: _____

WSP: *13N* RANGE: *23W* SECTION: *34*

WELL CONDITIONS

- | | | |
|---|---|--|
| <input type="checkbox"/> Surface drainage toward well | <input type="checkbox"/> Well cap missing | <input type="checkbox"/> Water heard running in well |
| <input type="checkbox"/> Wellhead damaged | <input type="checkbox"/> Wellhead buried | <input type="checkbox"/> Casing < 12" above ground |
| <input type="checkbox"/> Other: _____ | <i>This one is less than 12" above concrete slab.</i> | |

CONSTRUCTION INFORMATION

Date Constructed: *1/148* Last Serviced: *5/20/96* Well Log Available: Yes No

Construction Type: Drilled Augered Driven Hand dug Jetted
 Filter Completion: Screened Open borehole Open bottom
 Well Depth: *398'* Static Water Level: *154'* Pumping Water Level: *207'*

Casing Type: Steel Stainless steel Plastic PVC Cement Masonry Wood Thin walled metal
 Casing Joints: Metal couplings Welded Cemented/Solvent welded
 Core Hole Seal: Cement grout Bentonite Drilled cuttings Puddled clay Drilling fluid None
 Well Completion: Pitless adaptor Well house Approved cap Pit Basement offset Pump sits on casing
 Casing Depth: *153 ft.* Casing Diameter: smallest: _____ largest: *16"*
 Casing extends to land surface Cement grout between all casings

NONCOMPLYING SETBACK DISTANCES

Diagram the location and distance of each source from the well. Note locations of noncomplying sources or sources not listed on the back of this sheet.

See Attached.

○ well

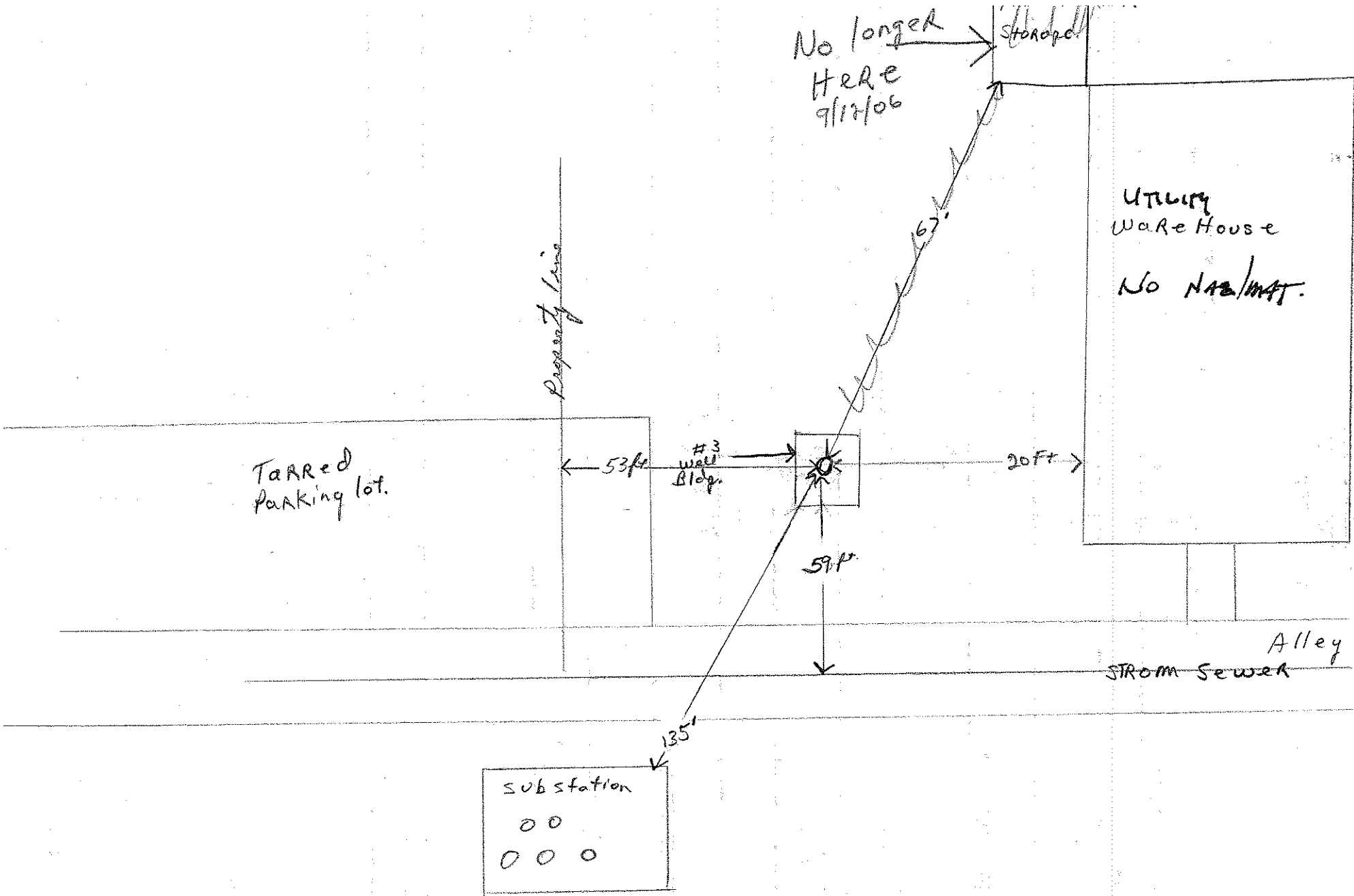
Inspector: _____

Date: _____

ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET) (Circle appropriate distance.)			LOCATION			
	MEETS MINIMUM DISTANCE	SENSITIVE WELL*	COMMUNITY	WITHIN 200 FEET OF SOURCE	MEETS CURRENT STANDARDS		
					Y	N	U
Agricultural chemical storage or preparation area, more than 25 gallons or 100 pounds dry weight	150						
Agricultural chemical storage or preparation area with safeguards	100						
Agricultural chemical storage or preparation area with safeguards and roofed	50						
Agricultural chemical supply tank	20		50				
Anhydrous ammonia tank	50						
Animal feedlot	50	100					
Animal or poultry building	50	100					
Building #3 IS IN A Removable Bldg.	3						
Building projection, overhang	3						
Cesspool	75	150					
Construction debris/Demolition landfill	50						
Discharge of water treatment chemical waste	50						
Dry well (sewage)	75	150					
Dump	150						
Electric transmission line	5						
Electric transmission line in excess of 50 kv	25						
Feeding or watering area within a pasture	50	100					
Frost proof yard hydrant	10						
Gas pipe	5						
Grave	50						
Hazardous substance storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150						
Hazardous substance storage tank with safeguards	100						
Holding tank	50						
Interceptor (waste)	50						
Leaching pit	75	150					
LP tank	5						
Manure storage area	100	200					
Ordinary high water level of a stream, river, pond, or lake	50						
Petroleum storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150						
Petroleum storage tank with safeguards	100						
Petroleum storage tank, underground, less than 1100 gallons	50						
Petroleum storage tank, above ground, less than 1100 gallons	20		50				
Pit	20		50				
Pollutant, contaminant, or hazardous substance	50						
Privy	50	100					
Road salt storage	50						
Salvage yard	50						
Sanitary landfill	150						
Seepage pit	75	150					
Septic tank	50						
Sewage lift station	50						
Sewage sludge or waste land spreading	50						
Sewage sump, watertight	20		50				
Sewage sump, non-watertight	50						
Sewer, buried, approved air-tested	20		50				
Sewer, buried, pressure, approved, air-tested serving a single family residence	20		50				
Sewer, buried collector, municipal, pressurized, open jointed, or unapproved materials	50						
Solid waste transfer station	50						
Storm water drain pipe 12 inches or greater in diameter	20		50	59 ft	X		
Subsurface disposal field (drainfield)	50	100					
Swimming pool, in-ground	20		50				
Unfilled space	20		50				
Unused, unsealed well or boring	50						
Waste stabilization pond	150						
ADDITIONAL ISOLATION DISTANCES FOR COMMUNITY PUBLIC WATER SUPPLY GROUNDWATER SOURCES							
Fire or flushing hydrant			10				
Gravel pocket receiving clear water drainage			30				
Highest water or flood level			50				
Property line or easement			50	53 ft	X		

* A sensitive well has less than 50 feet of casing or less than 10 feet of impervious material between the well intake and the land surface.

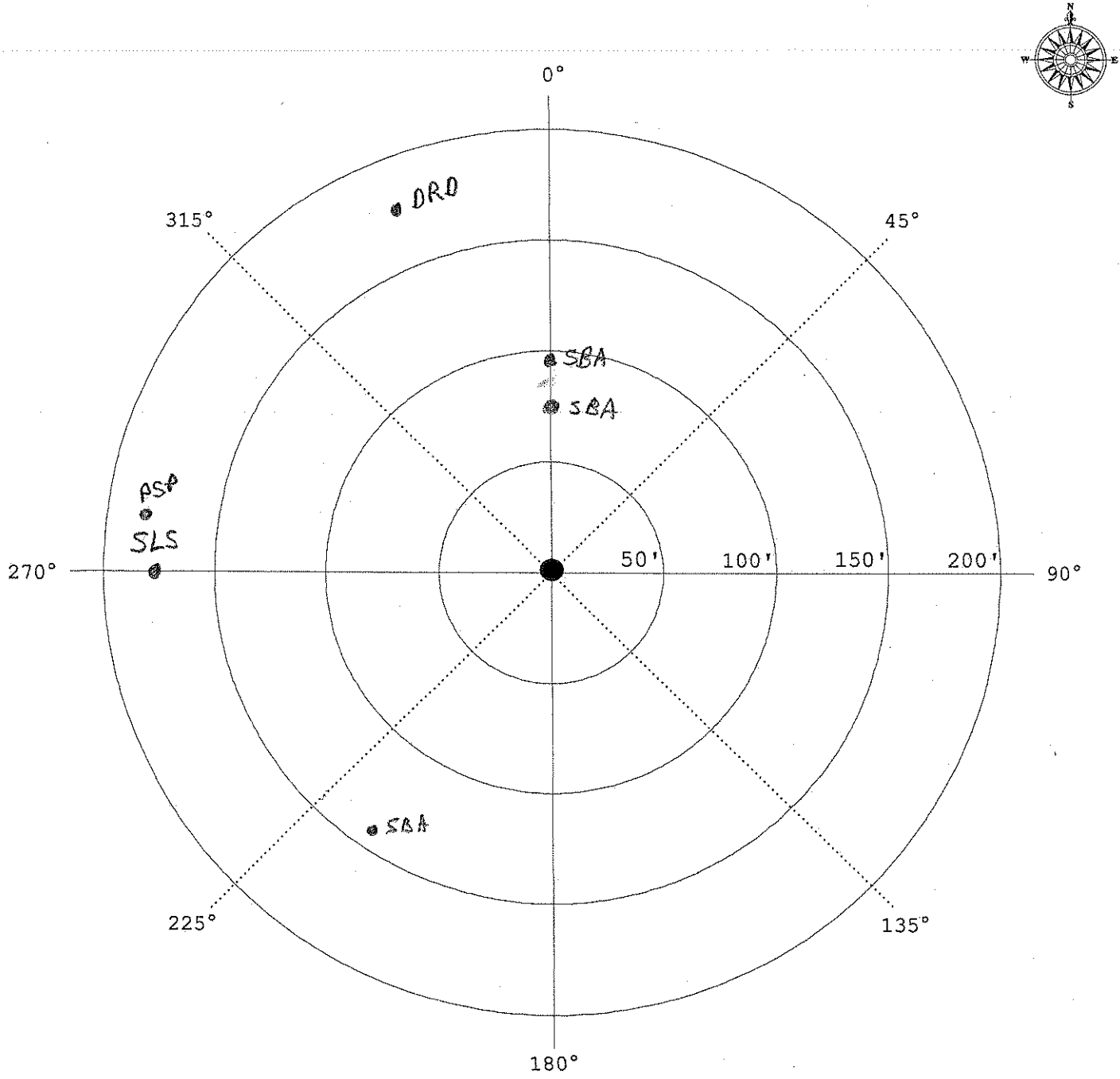
To request this document in another format, call (612) 215-0800, TDD (612) 215-0707, or for Greater Minnesota through the Minnesota Relay Service at 1-800-627-3529 (ask for [612] 215-0800).



PWS ID: 1400013 FACILITY ID: 433280 - well 4

SETBACK DISTANCES

All potential contaminant sources must be noted on sketch. Diagram the location and approximate compass bearing of each potential contaminant source from the well, and identify the source using the "Source Code." Include a slope indicator and property lines.



#4

INSPECTOR: Alan Kuehn DATE: 9/12/06

**INNER WELLHEAD MANAGEMENT ZONE (IWMZ) -
 POTENTIAL CONTAMINANT SOURCE INVENTORY (PCSI) FORM**

PUBLIC WATER SYSTEM INFORMATION **COMMUNITY**
 *WS ID:- 1400013
 NAME: New PRAGUE Utilities
 ADDRESS: 118 Central Aven
 New PRAGUE, MN. 56071

NONCOMMUNITY:
 NONTRANSIENT
 TRANSIENT

FACILITY (WELL) INFORMATION
 NAME: well #4
 FACILITY ID:
 UNIQUE WELL NO: 433280
 COUNTY: South

CONSTRUCTION INFORMATION
 Well Information Collected from: Well Log (if available, please attach a copy of the well log.) Verbal
 Date Constructed: 10/16/88 Served By:

SOURCE CODE	ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET)					LOCATION		
		Community Minimum Distance	Noncommunity Minimum Distance	Sensitive Well*	Within 200 Feet			Distance from Well	Est. (?)
					Y	N	U		
AGRICULTURAL RELATED									
ACP	Agricultural chemical storage or preparation area, more than 25 gallons or 100 pounds dry weight	150	150			X			
ACS	Agricultural chemical storage or preparation area with safeguards	100	100			X			
ACT	Agricultural chemical supply tank	50	50			X			
ACR	Agricultural chemical storage or preparation area with safeguards and roofed	50	50			X			
ADW	Agricultural drainage well	50	50			X			
AAT	Anhydrous ammonia tank	50	50			X			
AFL	Animal feedlot	50	50	100		X			
APB	Animal or poultry building	50	50	100		X			
MSA	Animal manure storage area	100	100	200		X			
AMA	Animal manure application (storage or stockpile)	50	100			X			
ABS	Animal burial site	50	50			X			
FWP	Feeding or watering area within a pasture	50	50	100		X			
OSC	Open storage for crops	use discretion	use discretion			X			
SKY	Stockyard	50	50			X			
CLASS V INJECTION WELLS									
GPR	Gravel pocket receiving clear water drainage	30	N/A			X			
IWD	Industrial waste disposal	use discretion	use discretion			X			
LCC	Large capacity cesspools	illegal	illegal			X			
MVW	Motor vehicle waste disposal	illegal	illegal			X			
ISTS RELATED									
CSP	Cesspool	75	75	150		X			
DRA	Drainfield - above or below grade	50	50	100		X			
AGG	Dry well, leaching pit, seepage pit	75	75	150		X			
HTK	Holding tank	50	50			X			
PRV	Privy	50	50	100		X			
SET	Septic tank	50	50			X			
SLS	Sewage lift station	50	50		X			170 Ft	
SSW	Sewage sump, watertight	50	20			X			
SSN	Sewage sump, non-watertight	50	50			X			
SBA	Sewer buried, approved, air tested	50	20		X			75 Ft	
SBM	Sewer, buried collector, municipal, pressurized, open jointed, or unapproved materials	50	50			X			
LAND APPLICATION									
FWS	Food waste (note distance from well)	use discretion	use discretion			X			
SPT	Septage (note distance from well)	50	50			X			
SSG	Sewage sludge	50	50			X			
WAS	Waste	50	50			X			

PWS ID:		FACILITY ID:	
---------	--	--------------	--

SOURCE CODE	ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET)						LOCATION	
		Community Minimum Distance	Noncommunity Minimum Distance	Sensitive Well*	Within 200 Feet			Distance from Well	Est. (?)
					Y	N	U		

SOLID WASTE RELATED

COS	Composting site (public/commercial)	50	50				X		
CBL	Construction debris/demolition landfill	50	50				X		
DMP	Dump	150	150				X		
SVY	Salvage yard	50	50				X		
SLF	Sanitary landfill	150	150				X		
SWT	Solid waste transfer station	50	50				X		

STORM WATER RELATED

SWD	Storm water drain pipe, 12 inches or greater	50	20				X		
SWR	Storm water retention basin greater than 1000 gallons	50	50				X		
SWB	Storm water infiltration basin greater than 1000 gallons	50	50				X		
SWI	Storm water injection well	50	50				X		

WELLS

WEL	Operating well	use discretion	use discretion				X		
UWU	Unused, unsealed well or boring	50	50				X		

GENERAL

PLM	Contaminant plume	50	50				X		
DWT	Discharge of water treatment chemical waste	50	50				X		
DRD	Drainage ditch (holds water six months or more)	50	50			X		170ft	
GRV	Grave	50	50				X		
HSP	Hazardous substance storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150	150				X		
HSS	Hazardous substance storage tank with safeguards	100	100				X		
IWS	Interceptor (waste)	50	50				X		
PSP	Petroleum storage or preparation area, more than 25 gallons, or 100 pounds dry weight <i>GEN-w/safeguards</i>	150	150			X		170ft	
PSS	Petroleum storage tank with safeguards	100	100				X		
PSU	Petroleum storage tank, underground, less than 1100 gallons	50	50				X		
PSA	Petroleum storage tank, above ground, less than 1100 gallons	50	20				X		
PIT	Pit	50	20				X		
PCH	Pollutant, contaminant, or hazardous substance	50	50				X		
REN	Rendering plant (note distance from well)	use discretion	use discretion				X		
RSS	Road salt storage	50	50				X		
WAT	Stream, river, pond, lake, wetland	50	50				X		
SPI	Swimming pool, in-ground	50	20				X		
UFS	Unfilled space	50	20				X		
WSP	Waste stabilization pond	150	150				X		

ADDITIONAL SOURCES (If there is more than one source listed above, please indicate here.)

SBA	SEWER BURIED - APPROVED						X		90ft
SBA	SEWER BURIED - APPROVED						X		140ft

MISCELLANEOUS (The items in this section need to be recorded but not indicated on the map.)

BLD	Building (Means a structure that does not contain any actual or potential contaminant sources within the structure.)	3	3						
BPO	Building projection, overhang	3	3						
ETL	Electric transmission line	5/10	5/10						
ETE	Electric transmission line in excess of 50 kv	25	25						
FFH	Fire or flushing hydrant	10	N/A						110ft
FPH	Frost proof yard hydrant	10	10						
GSP	Gas pipe	5/10	5/10						
HWF	Highest water or flood level	50	N/A						
PLE	Property line or easement	50	N/A						

* A sensitive well has less than 50 feet of watertight casing and less than 10 feet of impervious material between the well intake and the land surface.

INNER WELLHEAD MANAGEMENT ZONE -
 CONTAMINANT SOURCE INVENTORY FORM

PUBLIC WATER SYSTEM INFORMATION

NAME: *New PRAGUE Utilities* PWSID: *1400013*
 ADDRESS: *300 East Main St.*
New PRAGUE, Mn. 56071

FACILITY (WELL) INFORMATION

NAME: *Well #4* FACILITY ID: _____
 LOCATIONAL INFORMATION: *Central Ave & 7th Lane* UNIQUE WELL NO: *433280*
 COUNTY: *Scott*

GPS FILE ID: _____

TWP: *113N* RANGE: *73W* SECTION: *34 QTR DCC*

WELL HEAD CONDITIONS

- Surface drainage toward well
- Wellhead damaged
- Wellhead buried
- Well cap missing
- Wellhead buried
- Water heard running in well
- Casing < 12" above ground
- Other: _____

CONSTRUCTION INFORMATION

Date Constructed: *10/16/88* Last Serviced: *3/9/98* Well Log Available: Yes No

Construction Type: Drilled Augered Driven Hand dug Jetted
 Aquifer Completion: Screened Open borehole Open bottom
 Well Depth: *652'* Static Water Level: *194'* Pumping Water Level: *208'*

Casing Type: Steel Stainless steel Plastic PVC Cement Masonry Wood Thin walled metal
 Casing Joints: Metal couplings Welded Cemented/Solvent welded
 Core Hole Seal: Cement grout Bentonite Drilled cuttings Puddled clay Drilling fluid None
 Well Completion: Pitless adaptor Well house Approved cap Pit Basement offset Pump sits on casing
 Casing Depth: *See log.* Casing Diameter: smallest: *18"* largest: *30"*
 Casing extends to land surface Cement grout between all casings

NONCOMPLYING SETBACK DISTANCES

Diagram the location and distance of each source from the well. Note locations of noncomplying sources or sources not listed on the back of this sheet.

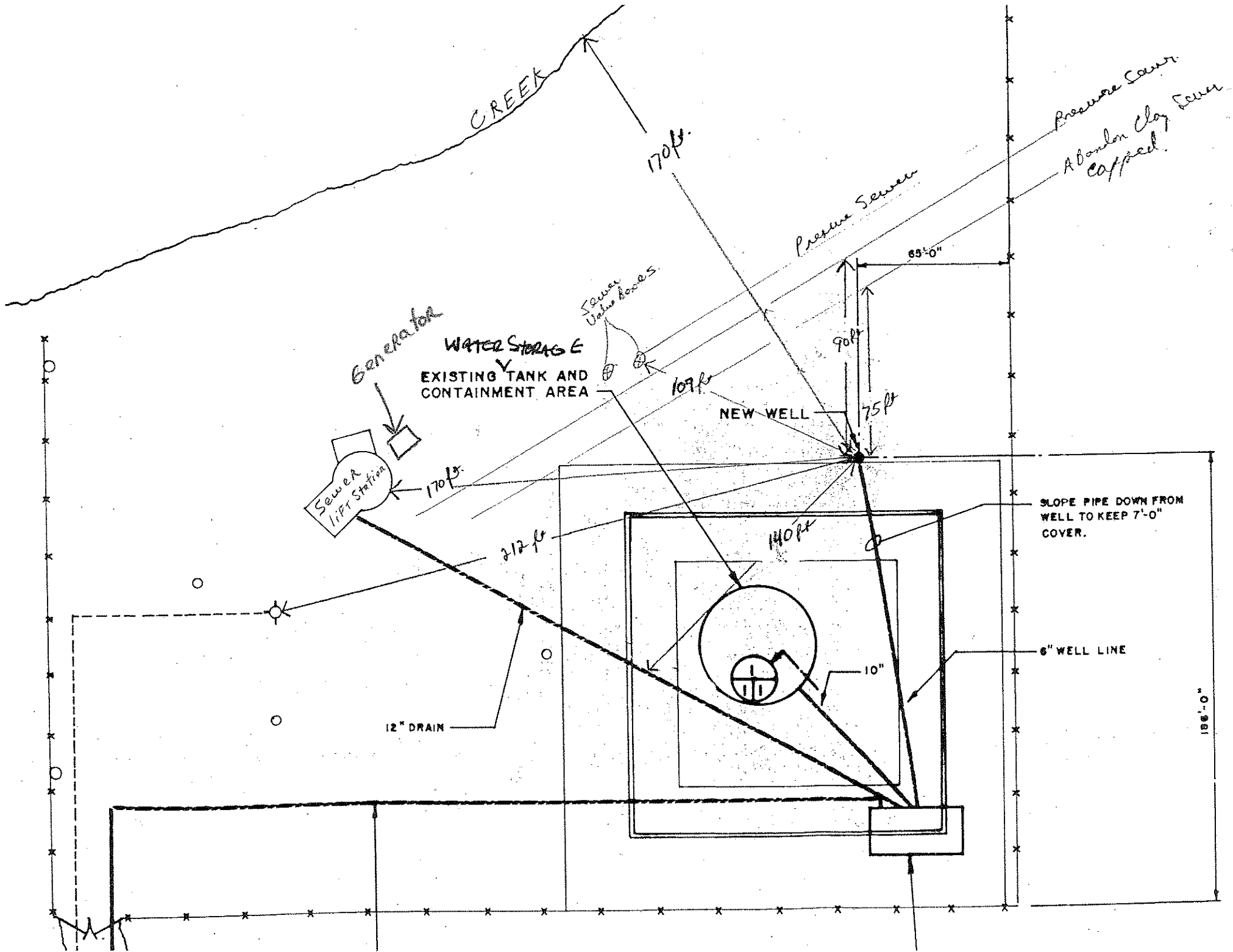
SEE ATTACHED MAP

○ well

Inspector: _____ Date: _____

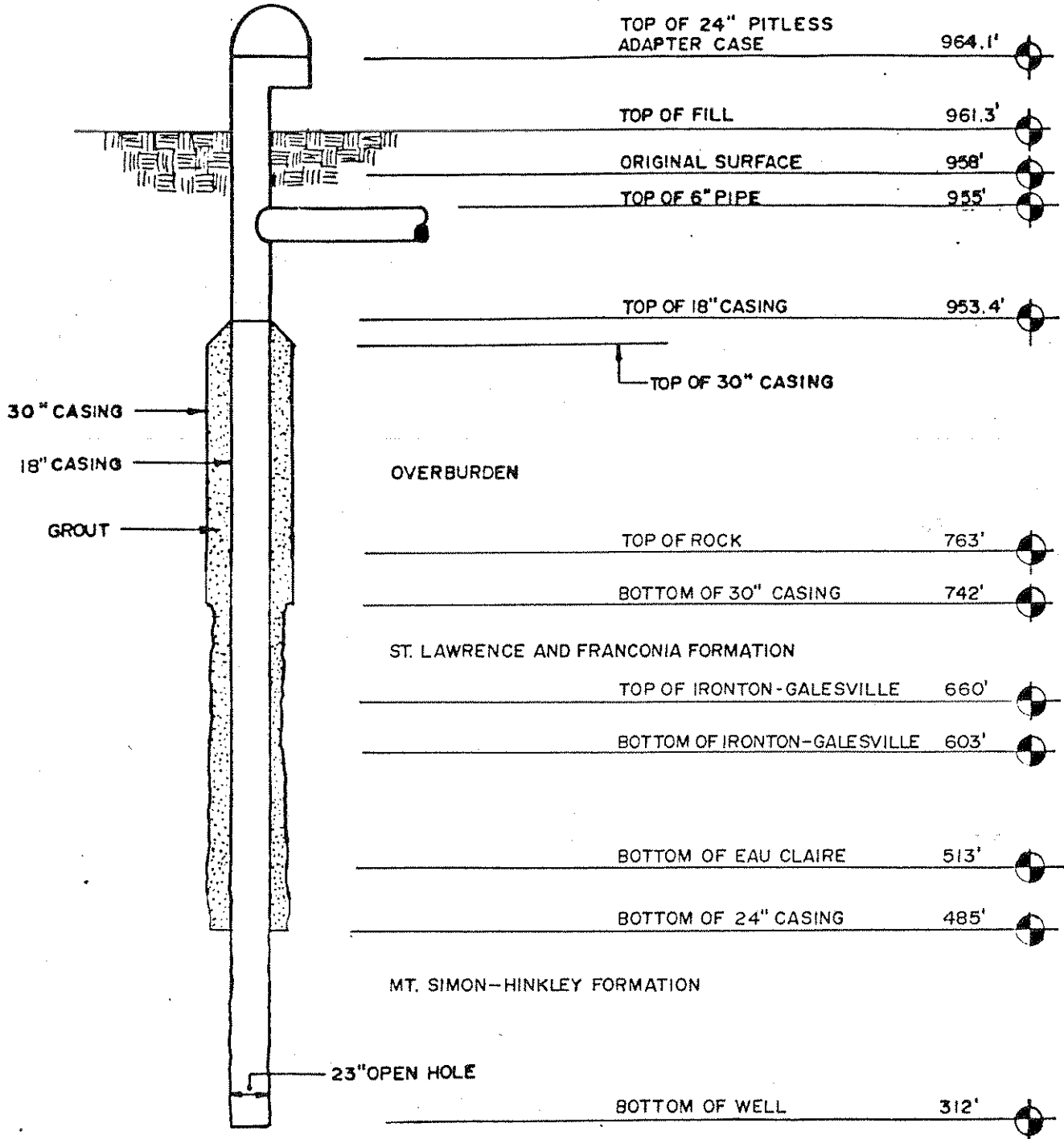
ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET) (Circle appropriate distance.)			LOCATIO			
	MEETS MINIMUM DISTANCE	SENSITIVE WELL*	COMMUNITY	WITHIN 200 FEET OF SOURCE	MEET CURRE. STANDARD		
					Y	N	U
Agricultural chemical storage or preparation area, more than 25 gallons or 100 pounds dry weight	150						
Agricultural chemical storage or preparation area with safeguards	100						
Agricultural chemical storage or preparation area with safeguards and roofed	50						
Agricultural chemical supply tank	20		50				
Anhydrous ammonia tank	50						
Animal feedlot	50	100					
Animal or poultry building	50	100					
Building	3			150 ft	X		
Building projection, overhang	3						
Cesspool	75	150					
Construction debris/Demolition landfill	50						
Discharge of water treatment chemical waste	50						
Dry well (sewage)	75	150					
Dump	150						
Electric transmission line	5						
Electric transmission line in excess of 50 kv	25						
Feeding or watering area within a pasture	50	100					
Frost proof yard hydrant	10						
Gas pipe	5						
Grave	50						
Hazardous substance storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150						
Hazardous substance storage tank with safeguards	100						
Holding tank	50						
Interceptor (waste)	50						
Leaching pit	75	150					
LP tank	5						
Manure storage area	100	200		Under 100			
Ordinary high water level of a stream, river, pond, or lake	50		Manual 170 ft	100 ft	X		
Petroleum storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150						
Petroleum storage tank with safeguards	100						
Petroleum storage tank, underground, less than 1100 gallons	50						
Petroleum storage tank, above ground, less than 1100 gallons	20		50				
Pit	20		50				
Pollutant, contaminant, or hazardous substance	50						
Privy	50	100					
Road salt storage	50						
Salvage yard	50			130	X		
Sanitary landfill	150						
Seepage pit	75	150					
Septic tank	50						
Sewage lift station	50			170 ft	X		
Sewage sludge or waste land spreading	50						
Sewage sump, watertight	20		50				
Sewage sump, non-watertight	50						
Sewer, buried, approved air-tested	20		50	90 ft	X		
Sewer, buried, pressure, approved, air-tested serving a single family residence	20		50				
Sewer, buried collector, municipal, pressurized, open jointed, or unapproved materials	50			Abandoned 75 ft	X		
Solid waste transfer station	50						
Storm water drain pipe 12 inches or greater in diameter	20		50	140 ft	X		
Subsurface disposal field (drainfield)	50	100					
Swimming pool, in-ground	20		50				
Unfilled space	20		50				
Unused, unsealed well or boring	50						
Waste stabilization pond	150						
ADDITIONAL ISOLATION DISTANCES FOR COMMUNITY PUBLIC WATER SUPPLY GROUNDWATER SOURCES							
Fire or flushing hydrant			10	212	X		
Gravel pocket receiving clear water drainage			30				
Highest water or flood level			50				
Property line or easement			50	65	X		

* A sensitive well has less than 50 feet of casing or less than 10 feet of impervious material between the well intake and the land surface.



NOTE

BENCHMARK : TOP OF TANK FOOTING 960.3



DRILLING PLATFORM ELEVATION 963.1'

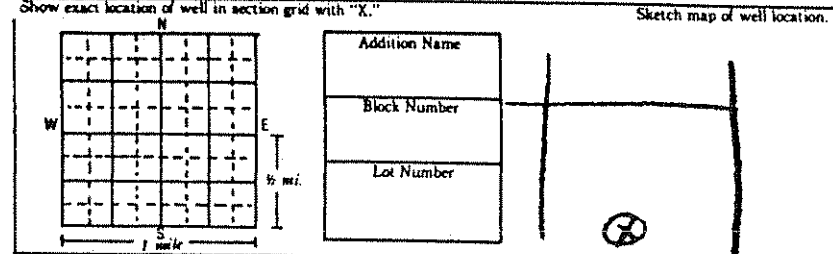
REVISION **A** 12-23-88

WATER SUPPLY WELL		
WATER SYSTEM IMPROVEMENTS		
NEW PRAGUE, MINNESOTA		
DRAWN TED LANDE	<p>ASSOCIATED CONSULTANTS ENGINEERS, INC.</p> <p><small>REGISTERED PROFESSIONAL ENGINEERS</small></p>	JOB No. 87187
CHECKED		No. <u>1</u>
APPROVED		OF <u>1</u> SHEETS
SCALE NONE		DATE 12-14-87

WATER WELL RECORD MINNESOTA UNIQUE WELL NO. 433280
 Minnesota Statutes 156A.01-08 for Water Sample

1. LOCATION OF WELL
 County Name: **Scott**
 Township Name: **New Prague**
 Township Number: **113** Range Number: **23** Section No.: **34** Fraction: **W N W**

4. WELL DEPTH (completed) **652'** Date of Completion **10/16/88**



5. DRILLING METHOD
 Cable tool Reverse Driven Dug
 Hollow rod Air Bored 110
 Rotary Jetted Power auger

6. DRILLING FLUID

7. USE
 Domestic Monitoring Heat Pump
 Irrigation Public 90 Industry
 Test Well Municipal 100 Commercial
 Air Conditioning 110

2. PROPERTY OWNER'S NAME
 Address: **City of New Prague No. 4**
118 Central Avenue North
New Prague, MN 56071

8. CASING
 Black Threaded HEIGHT: Above **111** ft.
 Galv. Welded Surface **2** ft.
 Plastic Drive Shoe? Yes No
30 in. to **228** ft. Weight **118** lbs./ft. **27** in. **240** ft.
18 in. to **485** ft. Weight **94** lbs./ft. **23** in. **652** ft.
 _____ in. to _____ ft. Weight _____ lbs./ft. _____ in. to _____ ft.

3. FORMATION LOG	COLOR	HARDNESS OF FORMATION	FROM	TO
Clay			0	134
Sand & Gravel & Clay			134	193
Shale			193	303
Shale & Sandstone			303	361
Shale			361	439
Sandstone & Shale			439	456
Sandstone	Grey		456	540
Sandstone	Buff		540	607
Sandstone	Yellow		607	630
Sandstone	Red		630	650
Shale	Red		650	652

9. SCREEN
 Or open hole from **228** ft. to **452** ft.
 Make _____ Dis _____
 Type _____ Length _____
 Slot/Gauge _____ Length _____ FITTINGS: _____
 Set between _____ ft. and _____ ft.

10. STATIC WATER LEVEL
186'9" ft. below above land surface Date Measured **9/9/88**

11. PUMPING LEVEL (below land surface)
234'5" ft. after **4** hrs. pumping **1200** g.p.m.
231'4" ft. after **8** hrs. pumping **1001** g.p.m.

12. HEAD WELL COMPLETION
 Pitless adapter, manufacturer **Baker** model _____
 Basement offset At least 12" above ground
 Plastic casing protection

13. WELL GROUTED?
 Yes No
 Neat Cement Bentonite _____
 Grout material **Neat** from **0** to **485** ft. cu. yds **40**

14. NEAREST SOURCES OF POSSIBLE CONTAMINATION
100 feet **N** direction **creek** type _____
 Well disinfected upon completion? Yes No

0-202 Drift 113-23-34 bdc AND
 202-301 CFRN elev. 964±5'
 301-370 CI GL 90-D
 370-449 CEGR GAMMA lagged 7-7-88

15. PUMP
 Date installed **10/18/88** Not installed
 Manufacturer's name **Grundfos**
 Model number **P-8841W0** HP: **60** Volts **460**
 Length of drop pipe **252** ft. capacity _____ g.p.m.
 Material of drop pipe **6" black steel**
 Type: Submersible L.S. Turbine Reciprocating
 Jet Centrifugal _____

17. REMARKS, ELEVATION, SOURCE OF DATA, etc.
 LOCATED BY _____
 Address Verification
 2 - Name on Mailbox
 3 - Lot-Block
 4 - Plat Book
 5 - Info. From Owner
 6 - Info. From Neighbor
 7 - Other _____
 Can't Locate State Why
 City Well #4

16. EXISTING WELLS
 Unused well on property? Yes No
 Abandoned Permanent Temporary Not sealed

18. WATER WELL CONTRACTORS CERTIFICATION
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Keys Well Drilling Co. **62012**
 License Business Name License No.
 Address **413 N. Lexington Pkwy**
St. Paul, MN 55104
 Signed **George H. Keys** Date **12/1/88**
 Name of Driller Date

WELL RECORD

KEYS WELL DRILLING COMPANY
WATER PRODUCERS
SAINT PAUL, MINNESOTA

Owner New Prague, MN Date Completed Oct. 16, 1988
Location Central Ave. & 7th St. NE Driller D. Sittig
Well No. 4 Size 30 x 18 Total Depth 652 Type Mt. Simon

DRILLERS LOG

0 ' to 134 ' Clay
134 ' to 193 ' Sand, Gravel & Clay
193 ' to 303 ' Shale
303 ' to 361 ' Shale & Sandstone
361 ' to 439 ' Shale
439 ' to 456 ' Sandstone & Shale
456 ' to 540 ' Sandstone (Grey)
540 ' to 607 ' Sandstone (buff)
607 ' to 630 ' Sandstone (Yellow)
630 ' to 650 ' Sandstone (red)
650 ' to 652 ' Shale (red)
' to ' _____
' to ' _____
' to ' _____

WELL MATERIALS

228 ' of 30 " diameter of Outer Casing
16 ' of 29 " diameter of Open Hole
270 ' of 24 " diameter of Inner Casing (removed)
408 ' of 23 " diameter of Open Hole
485 ' of 18" Liner
0 ' to 485 Mix grout 889 (~~444~~) (Sacks)
0 ' " diameter _____ Screen

RECORD OF TEST PUMPING

Static Water Level _____ ft. from _____
383/1209 GPM 51' D.D. _____ Hours
1001 GPM 42'4" D.D. _____ Hours
_____ GPM _____ D.D. _____ Hours
_____ GPM _____ D.D. _____ Hours
_____ GPM _____ D.D. _____ Hours

Remarks: Well balsted with (10 shots) of 100#
dynamite, air developed 33½ hours and
bailed out - 110 yards

PERMANENT PUMP DATA

Mfg. Grundfos Type Sub Serial No. P-8841W0
Capacity 500 GPM 290' TDH
Motor Make Franklin Type Sub
60 H.P. 460 Volts 3 Ph. 3525 RPM
_____ ft. _____ in Col. pipe _____ in. Shaft
4' ft. 8 in Bowls 4 Stages _____ Type
_____ ft. _____ in suction pipe & _____
260' ft. Total Length of Pump
252 ft. 6 in. drop pipe & 4/3 No. _____ Cable
250 ft. 3/4 in. air line pipe
24 in. Pitless 8 ft. bury 6 in outlet

PWS ID:

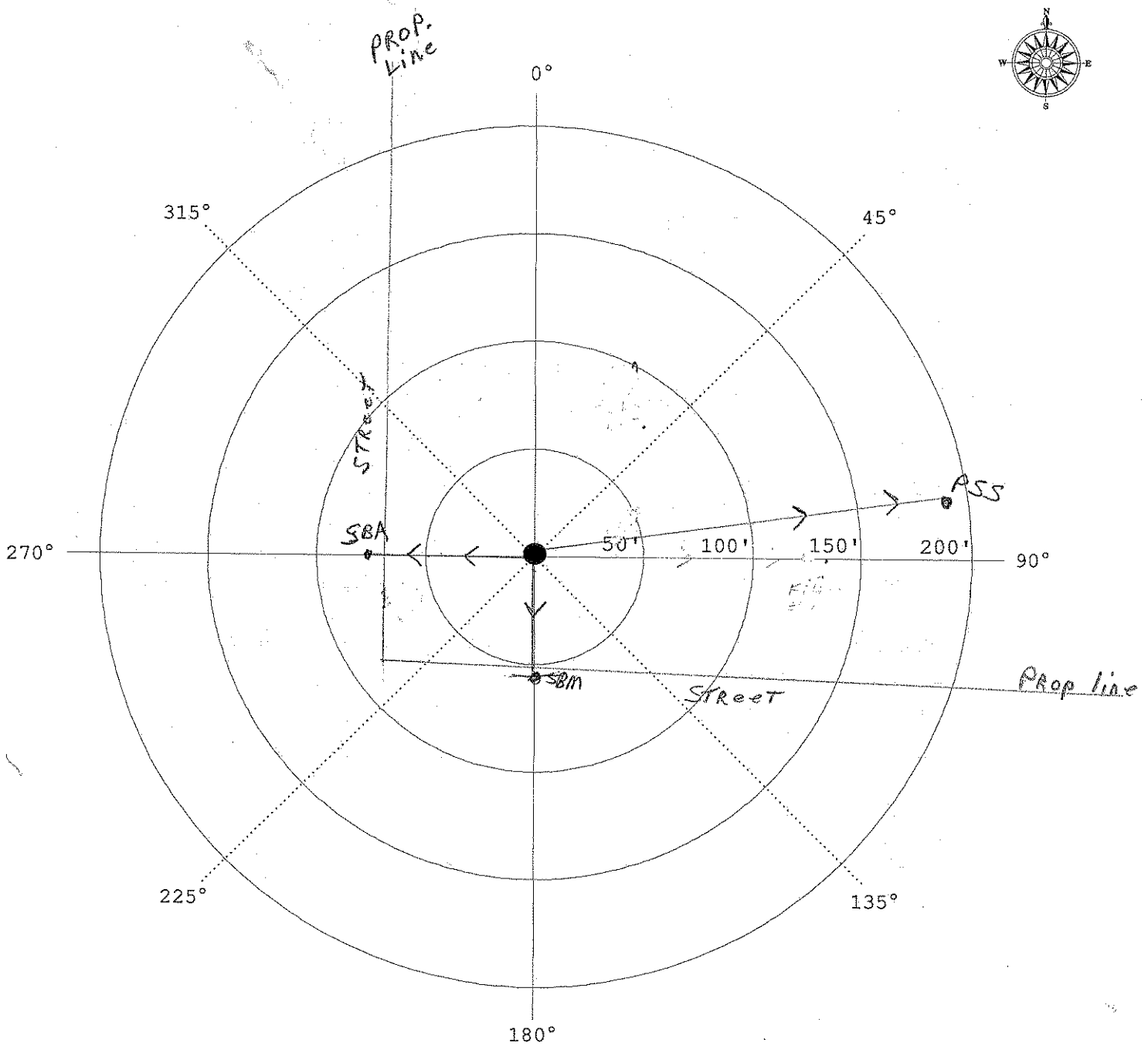
1400013

FACILITY ID:

680502 - Well 5

SETBACK DISTANCES

All potential contaminant sources must be noted on sketch. Diagram the location and approximate compass bearing of each potential contaminant source from the well, and identify the source using the "Source Code." Include a slope indicator and property lines.



#5

INSPECTOR:

Glen Sticha

DATE:

9/7/06

PUBLIC WATER SYSTEM INFORMATION

PWS ID:-
 NAME: *New PRAGUE Utilities*
 ADDRESS: *118 Central Ave N
 New PRAGUE, MN. 56071*

COMMUNITY
 NONCOMMUNITY:
 NONTRANSIENT
 TRANSIENT

FACILITY (WELL) INFORMATION

NAME: *Well #5*
 FACILITY ID:
 UNIQUE WELL NO: *680502*
 COUNTY: *LeSueur*

CONSTRUCTION INFORMATION

Well Information Collected from: *Well Log (if available, please attach a copy of the well log.)* Verbal
 Date Constructed: *07/11/2002* Serviced By:

SOURCE CODE	ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET)				LOCATION		Est. (?)
		Community Minimum Distance	Noncommunity Minimum Distance	Sensitive Well*	Within 200 Feet			
					Y	N	U	Distance from Well
AGRICULTURAL RELATED								
ACP	Agricultural chemical storage or preparation area, more than 25 gallons or 100 pounds dry weight	150	150		X			
ACS	Agricultural chemical storage or preparation area with safeguards	100	100		X			
ACT	Agricultural chemical supply tank	50	50		X			
ACR	Agricultural chemical storage or preparation area with safeguards and roofed	50	50		X			
ADW	Agricultural drainage well	50	50		X			
AAT	Anhydrous ammonia tank	50	50		X			
AFL	Animal feedlot	50	50	100	X			
APB	Animal or poultry building	50	50	100	X			
MSA	Animal manure storage area	100	100	200	X			
AMA	Animal manure application (storage or stockpile)	50	100		X			
ABS	Animal burial site	50	50		X			
FWP	Feeding or watering area within a pasture	50	50	100	X			
OSC	Open storage for crops	use discretion	use discretion		X			
SKY	Stockyard	50	50		X			
CLASS V INJECTION WELLS								
GPR	Gravel pocket receiving clear water drainage	30	N/A		X			
IWD	Industrial waste disposal	use discretion	use discretion		X			
LCC	Large capacity cesspools	illegal	illegal		X			
MVW	Motor vehicle waste disposal	illegal	illegal		X			
ISTS RELATED								
CSP	Cesspool	75	75	150	X			
DRA	Drainfield - above or below grade	50	50	100	X			
AGG	Dry well, leaching pit, seepage pit	75	75	150	X			
HTK	Holding tank	50	50		X			
PRV	Privy	50	50	100	Y			
SET	Septic tank	50	50		X			
SLS	Sewage lift station	50	50		X			
SSW	Sewage sump, watertight	50	20		X			
SSN	Sewage sump, non-watertight	50	50		X			
SBA	Sewer buried, approved, air tested	50	20		X			79 FT
SBM	Sewer, buried collector, municipal, pressurized, open jointed, or unapproved materials	50	50		X			59 FT
LAND APPLICATION								
FWS	Food waste (note distance from well)	use discretion	use discretion		X			
SPT	Septage (note distance from well)	50	50		X			
SSG	Sewage sludge	50	50		X			
WAS	Waste	50	50		X			

SOURCE CODE	ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET)				LOCATION			
		Community Minimum Distance	Noncommunity Minimum Distance	Sensitive Well*	Within 200 Feet				
					Y	N	U	Distance from Well	Est. (?)

SOLID WASTE RELATED

COS	Composting site (public/commercial)	50	50			X			
CBL	Construction debris/demolition landfill	50	50			X			
DMP	Dump	150	150			X			
SVY	Salvage yard	50	50			X			
SLF	Sanitary landfill	150	150			X			
SWT	Solid waste transfer station	50	50			X			

STORM WATER RELATED

SWD	Storm water drain pipe, 12 inches or greater	50	20			X			
SWR	Storm water retention basin greater than 1000 gallons	50	50			X			
SWB	Storm water infiltration basin greater than 1000 gallons	50	50			X			
SWI	Storm water injection well	50	50			X			

WELLS

WEL	Operating well		use discretion	use discretion		X			
UUW	Unused, unsealed well or boring	50	50			X			

GENERAL

PLM	Contaminant plume	50	50			X			
DWT	Discharge of water treatment chemical waste	50	50			X			
DRD	Drainage ditch (holds water six months or more)	50	50			X			
GRV	Grave	50	50			X			
HSP	Hazardous substance storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150	150			X			
HSS	Hazardous substance storage tank with safeguards	100	100			X			
IWS	Interceptor (waste)	50	50			X			
PSP	Petroleum storage or preparation area, more than 25 gallons, or 100 pounds dry weight	150	150			X			
PSS	Petroleum storage tank with safeguards	100	100			X		189 FT	
PSU	Petroleum storage tank, underground, less than 1100 gallons	50	50			X			
PSA	Petroleum storage tank, above ground, less than 1100 gallons	50	20			X			
PIT	Pit	50	20			X			
PCH	Pollutant, contaminant, or hazardous substance	50	50			X			
REN	Rendering plant (note distance from well)	use discretion	use discretion			X			
RSS	Road salt storage	50	50			X			
WAT	Stream, river, pond, lake, wetland	50	50			X			
SPI	Swimming pool, in-ground	50	20			X			
UFS	Unfilled space	50	20			X			
WSP	Waste stabilization pond	150	150			X			

ADDITIONAL SOURCES (If there is more than one source listed above, please indicate here.)

MISCELLANEOUS (The items in this section need to be recorded but not indicated on the map.)

BLD	Building (Means a structure that does not contain any actual or potential contaminant sources within the structure.)	3	3					132 FT 89 FT	
BPO	Building projection, overhang	3	3						
ETL	Electric transmission line	5/10	5/10					64/128 FT	
ETE	Electric transmission line in excess of 50 kv	25	25						
FFH	Fire or flushing hydrant	10	N/A					30/74 FT	
FPH	Frost proof yard hydrant	10	10						
GSP	Gas pipe	5/10	5/10						
HWF	Highest water or flood level	50	N/A						
PLE	Property line or easement	50	N/A					66/57 FT	

* A sensitive well has less than 50 feet of watertight casing and less than 10 feet of impervious material between the well intake and the land surface.

**MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING RECORD**
Minnesota Statutes Chapter 103I

MINNESOTA UNIQUE WELL NO.

680502

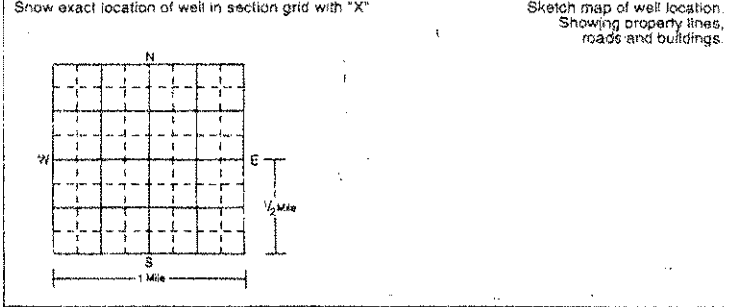
WELL LOCATION
County Name
LaSueur

Township Name: **New Prague** Township No.: **112** Range No.: **23** Section No.: **33** Fraction: **SE 1/4 NE 1/4**

WELL DEPTH (completed) **424** ft. Date Work Completed **7-11-02**

House Number, Street Name, City, and Zip Code of Well Location
N/A

DRILLING METHOD
 Cable Tool Driven Dug
 Auger Rotary Jetted
 Barber



DRILLING FLUID: **H₂O** WELL HYDROFRACTURED? YES NO
FROM _____ ft. to _____ ft.

USE
 Domestic Monitoring Heating/Cooling
 Irrigation **Community PWS** Industry/Commercial
 Environ. Bore Hole Noncommunity PWS Remedial
 Dewatering _____

CASING Drive Shoe? Yes No HOLE DIAM.
 Steel Threaded **Welded**
 Plastic _____

CASING DIAMETER WEIGHT
18 in. to **188** ft. _____ lbs./ft. **18** in. to **199** ft.
12 in. to **310** ft. _____ lbs./ft. **17** in. to **310** ft.
_____ in. to _____ ft. _____ lbs./ft. **11** in. to **424** ft.

PROPERTY OWNER'S NAME
City of New Prague

Property owner's mailing address if different than well location address indicated above
**119 Central Ave N
New Prague, MN 56071**

SCREEN OPEN HOLE
Make _____ from **310** ft. to **424** ft.
Type _____ Diam. _____
Slot/Gauze _____ Length _____
Set between _____ ft. and _____ ft. FITTINGS: _____

WELL OWNER'S NAME
Same As Above

Well owner's mailing address if different than property owner's address indicated above.

STATIC WATER LEVEL
155 ft. below above land surface Date measured **7-11-02**

PUMPING LEVEL (below land surface)
214 ft. after **3** hrs. pumping **500** g.p.m.

WELL HEAD COMPLETION
 Fitless adapter manufacturer _____ Model _____
 Casing Protection _____ **12** ft. above grade
 At-grade (Environmental Wells and Borings ONLY)

GEOLOGICAL MATERIALS	COLOR	HARDNESS OF MATERIAL	FROM	TO
Topsoil	Rik	S	0	2
Sandy Clay/Gravel	Brn	S	2	10
Clay & Gravel Layers Yellow		S	10	15
Sandy Clay	Grey	s-M	15	105
Sandy Clay Gravel Layers	Grey	S	105	110
Sandy Clay	Grey	S	110	183
Limestone	Grey	M-H	183	200
Sandstone	Grey	M	200	203
Glaconite	Green	M	203	215
Chole	Green	M	203	215

GROUTING INFORMATION
Well grouted? Yes No
Grout Material Neat cement Bentonite Concrete High Solids Bentonite
from **0** to **310** ft. **12** yds. bags
from _____ to _____ ft. _____ yds. bags
from _____ to _____ ft. _____ yds. bags

NEAREST KNOWN SOURCE OF CONTAMINATION
88 feet **West** direction **Sanitary Sewer**
Well disinfected upon completion? Yes No

PUMP
 Not installed Date installed _____
Manufacturer's name _____
Model number _____ HP _____ Volts _____
Length of drop pipe _____ ft Capacity _____ g.p.m.
Type: Submersible L.S. Turbine Reciprocating Jet _____

ABANDONED WELLS
Does property have any not in use and not sealed well(s)? Yes No

VARIANCE
Was a variance granted from the MDH for this well? Yes No T# _____

REMARKS, ELEVATION, SOURCE OF DATA, etc.

WELL CONTRACTOR CERTIFICATION
This well was drilled under my supervision and in accordance with Minnesota Rules, Chapter 4725. The information contained in this report is true to the best of my knowledge.
Mark J Traut Wells, Inc 71536
Licensee Business Name Lic. or Reg. No.
Authorized Representative Signature Date
Tony Charlie 9-5-02
Name of Driller Date

WELL CONTRACTOR COPY **680502**

Appendix E

PCSI Wells with Verified Locations

Existing Wells in DWSMA

Unique Well No.	Name	Address	Well Use	Status	Depth (ft)	Aquifer	Property Identification No.
218265	City Of New Prague	Subsection ABADB of Section 3, Twp. 112, R 23 W. This is the well shown in the ball field. It should be within a block of the shown location, perhaps associated with the golf course?	Unknown	Unknown	596	PS	239990090
221265	Bohnsack, Chuck		Unknown	Active	519	PS	249341810
658178	Crawford Amoco	126 Main St E	Monitoring Well	Active	24	MW	240960010
658179	Crawford Amoco	126 Main St E	Monitoring Well	Active	21	MW	240960010
658180	Crawford Amoco	126 Main St E	Monitoring Well	Active	23	MW	240960010
671644	New Praugue Tw	Lexington Av	Test Well	Sealed	420	TW	239990090

Old Wells in MDH Database

Well Name	Unique #	Casing Diameter	Well Depth	Year Constructed	Well Type	Year Out of Service	Sealing Record	Location	Property Identification No.
Old Well No. 1		8-inch	295	pre-1917		1943: Disconnected and capped	No sealing record found	In a storeroom in the northwest corner of the pumping station	239990070
Old Well No. 2		8-inch	317	pre-1917		1929: Disconnected and not in use, 1954: Abandoned	No sealing record found	15 feet north of Well No. 1; 5 feet outside the pumping station	239990070

Appendix F

Preliminary PCSI

**DRINKING WATER SUPPLY MANAGEMENT AREA
PRELIMINARY POTENTIAL CONTAMINANT SOURCE INVENTORY**

**THIS LIST IS BASED ON THE FOLLOWING INFORMATION - Sorted by Facility Name & ID, and Feature Type & ID
DWSMA: New Prague**

Facility Name		Facility ID	Address	PIN/PID	PLS Info		Loc. Date /
Feature ID	Type	Type Description	ID Code	Source	Stat*	Accuracy (m)	
1st Ave Nw Over Stream		126820	New Prague 56071		T113 R23W 34		10/30/20001000
99709	BDG	Bridge		70J07	DOT-BI	U	10/30/20001000
B and T Automotive Corp		101844	206 W Main St, New Prague 56071		T112 R23W 3		2/16/200010000
62705	HWGP	Hazardous waste generator permit		MND985714922	RCRAINF	U	2/16/200010000
Bohnsack, Chuck		247350	New Prague 56071		T113 R23W 34		1/1/1990 25
340205	WEL	Well - Bohnsack, Chuck		221265	CWI	A	1/1/1990 25
624472	WLL	Well log		221265	CWI	A	1/1/1990 25
Braun Pump And Controls		73479	520 6th St Nw, New Prague 56071		T113 R23W 34		6/5/2002 1000
57782	HWGP	Hazardous waste generator permit		MNR000015800	HWIMS	U	6/5/2002 1000
Center Photo Annex		96165	123 Main St W, New Prague 56071		T112 R23W 3		8/22/1996 200
116142	HWGP	Hazardous waste generator permit		MND982064784	RCRAINF	U	8/22/1996 200
Church of St. Wenceslaus--Catholic		108583	E. Main St., New Prague 56071		T113 R23W 34		3/15/2000 1000
City Of New Prague		148868	New Prague 56071		T112 R23W 3		1/1/1990 25
241723	WEL	Well - City Of New Prague		218265	CWI	A	1/1/1990 25
525990	WLL	Well log		218265	CWI	A	1/1/1990 25
City Of New Prague Power Plant		28222	300 E Main, New Prague 56071		T112 R23W 3		6/5/2002 100
87248	LUST	Leaking underground storage tank			LUST	XC	6/5/2002 100
Crawford Amoco		375417	126 Main St E, New Prague 56071		T112 R23W 3		3/17/2005 1000
468272	WEL	Well - Crawford Amoco		658180	CWI	A	3/17/2005 1000
752539	WLL	Well log		658180	CWI	A	3/17/2005 1000
Crawford Amoco		375418	126 Main St E, New Prague 56071		T112 R23W 3		3/17/2005 1000
468273	WEL	Well - Crawford Amoco		658179	CWI	A	3/18/2005 1000
752540	WLL	Well log		658179	CWI	A	3/18/2005 1000
Crawford Amoco		375419	126 Main St E, New Prague 56071		T112 R23W 3		3/17/2005 1000
468274	WEL	Well - Crawford Amoco		658178	CWI	A	3/17/2005 1000
752541	WLL	Well log		658178	CWI	A	3/17/2005 1000
Crawford Standard		28261	126 E Main St, New Prague 56071		T112 R23W 3		4/18/2006 100
3151	LUST	Leaking underground storage tank			LUST	A	6/5/2002 100
Crawford Standard Service		11599	126 E Main St, New Prague 56071		T112 R23W 3		4/16/2002 500
34429	RST	Registered storage tank permit		12215	TABS	U	4/16/2002 500
164669	UST	Underground storage tank Kerosene		12215-006	TABS	R	4/16/2002 500
164670	UST	Underground storage tank Unspecified material		12215-005	TABS	R	4/16/2002 500
164671	UST	Underground storage tank Gasoline		12215-007	TABS	A	4/16/2002 500
164672	UST	Underground storage tank Gasoline		12215-004	TABS	A	4/16/2002 500
164673	UST	Underground storage tank Gasoline		12215-001	TABS	R	4/16/2002 500
164674	UST	Underground storage tank Gasoline		12215-002	TABS	R	4/16/2002 500
164675	UST	Underground storage tank Gasoline		12215-003	TABS	R	4/16/2002 500
Crawford Standard Service		86569	126 E Main St, New Prague 56071		T112 R23W 3		6/5/2002 1000
64511	HWGP	Hazardous waste generator permit		MND985714914	HWIMS	U	6/5/2002 1000
Dental Health Care		86576	101 Lexington Ave S, New Prague 56071		T112 R23W 3		6/5/2002 1000
115317	HWGP	Hazardous waste generator permit		148332331	HWIMS	U	6/5/2002 1000
Eckles Telephone Co		83750	115 Main St W, New Prague 56071		T113 R23W 34		6/5/2002 1000
101391	HWGP	Hazardous waste generator permit		148332406	HWIMS	U	6/5/2002 1000
First National Bank		108215	112 E. Main, New Prague 56071		T112 R23W 3		3/15/2000 1000
First National Bank Of Montgomery		61066	Route 4, Box 118, New Prague 56071		T112 R23W 3		4/24/200210000
72233	LUST	Leaking underground storage tank			LUST	A	4/24/200210000
Hartmann Well Co		86577	308 Main St E, New Prague 56071		T112 R23W 3		6/5/2002 1000
55112	HWGP	Hazardous waste generator permit		148332604	HWIMS	U	6/5/2002 1000
Heating Consultants Inc		83751	119 Main St W Ste A, New Prague 56071		T113 R23W 34		6/5/2002 1000
91002	HWGP	Hazardous waste generator permit		148332620	HWIMS	U	6/5/2002 1000
Holiday Store #550		18103	102 Co Rd 37E, New Prague 56071		T112 R23W 2		4/16/2002 500
96047	RST	Registered storage tank permit		20349	TABS	U	4/16/2002 500
180104	UST	Underground storage tank Diesel		20349-004	TABS	A	4/16/2002 500

**DRINKING WATER SUPPLY MANAGEMENT AREA
PRELIMINARY POTENTIAL CONTAMINANT SOURCE INVENTORY**

**THIS LIST IS BASED ON THE FOLLOWING INFORMATION - Sorted by Facility Name & ID, and Feature Type & ID
DWSMA: New Prague**

Facility Name		Facility ID	Address	PIN/PID	PLS Info		Loc. Date /	
Feature ID	Type	Type Description	ID Code	Source	Stat*	Accuracy (m)		
180105	UST	Underground storage tank Gasoline	20349-003	TABS	A	4/16/2002	500	
180106	UST	Underground storage tank Gasoline	20349-002	TABS	A	4/16/2002	500	
180107	UST	Underground storage tank Gasoline	20349-001	TABS	A	4/16/2002	500	
Lorraine Remes Cabin		61067	W Cedar Lake Dr, New Prague 56071			T112 R23W 3		4/24/200210000
44875	LUST	Leaking underground storage tank				LUST	A	4/24/200210000
Mala Strana Health Care Center		83754	1001 Columbus Ave N, New Prague 56071			T113 R23W 34		6/5/2002 1000
21596	HWGP	Hazardous waste generator permit	148332976	HWIMS	U	6/5/2002	1000	
Minnegasco Meter Site-power Plant		42014	300 East Main, New Prague 56071			T113 R23W 34		2/22/2002 500
103816	VIC	Voluntary investigative clean-up	MNPT0006902P	MES	U	2/22/2002	500	
Minnesota Valley Engineering		96177	201 7Th St Nw, New Prague 56071			T113 R23W 34		8/22/1996 5000
927	HWGP	Hazardous waste generator permit	MND985675156	RCRAINF	U	8/22/1996	5000	
Mn Valley Engineering		44778	407 7th St Nw, New Prague 56071			T113 R23W 34		2/9/2001 500
79404	ARP	Air release permit	MN0898018	AIRS/AFS	U	2/9/2001	500	
Mn Valley Engineering		56068	407 7th Ave Nw, New Prague 56071			T113 R23W 34		4/4/2001 200
99066	STOR	Storage or preparation area Agricultural chemical		ADAMS	A	4/4/2001	200	
Mve Incorporated		23254	407 7Th St. N.W., New Prague 56071			T113 R23W 34		6/25/2002 200
29976	TRS	Toxic release site	56071MNNST4077	TRIS	U	6/25/2002	200	
Mve Medical And Scheffler Bldg		83761	303 7th St Nw, New Prague 56071			T113 R23W 34		6/5/2002 1000
73438	HWGP	Hazardous waste generator permit	MND985675149	HWIMS	U	6/5/2002	1000	
New Prague !1		274079	New Prague 56071			T112 R23W 3		2/5/1999 25
998471	PWS	Public water supply	1400013S01	MNDWIS	PRIM	2/5/1999	25	
963384	SWUDS	State water use permit	796297-1	SWUDS	A	2/5/1999	25	
366934	WEL	Well - New Prague !1	240052	CWI	U	2/5/1999	25	
651201	WLL	Well log	240052	CWI	U	2/5/1999	25	
New Prague		151292	300 East Main Street, New Prague 56071			T112 R23W 3		2/5/1999 25
989666	PWS	Public water supply	1400013S02	MNDWIS	PRIM	2/5/1999	25	
963385	SWUDS	State water use permit	796297-2	SWUDS	A	2/5/1999	25	
244147	WEL	Well - New Prague	240053	CWI	U	2/5/1999	25	
528414	WLL	Well log	240053	CWI	U	2/5/1999	25	
New Prague 3		133842	New Prague 56071			T113 R23W 34		2/5/1999 25
988459	PWS	Public water supply	1400013S03	MNDWIS	PRIM	2/5/1999	25	
963386	SWUDS	State water use permit	796297-3	SWUDS	A	2/5/1999	25	
226697	WEL	Well - New Prague 3	240054	CWI	A	2/5/1999	25	
510964	WLL	Well log	240054	CWI	A	2/5/1999	25	
New Prague 4		179297	Central Ave. And 7th St NE, New Prague 56071			T113 R23W 34		2/5/1999 25
991778	PWS	Public water supply	1400013S04	MNDWIS	PRIM	2/5/1999	25	
963387	SWUDS	State water use permit	796297-4	SWUDS	A	2/5/1999	25	
272152	WEL	Well - New Prague 4	433280	CWI	A	2/5/1999	25	
556419	WLL	Well log	433280	CWI	A	2/5/1999	25	
New Prague 5		385373	Lexington Av S, New Prague 56071			T112 R23W 3		8/30/2002 25
942060	ISTS	Individual Sewage Treatment System	680502	CWI	A	8/30/2002	200	
999890	PWS	Public water supply	1400013S05	MNDWIS	PRIM	8/30/2002	25	
963388	SWUDS	State water use permit	796297-5	SWUDS	A	8/30/2002	100	
478228	WEL	Well - New Prague 5	680502	CWI	A	8/30/2002	25	
762495	WLL	Well log	680502	CWI	A	8/30/2002	25	
New Prague City Of		96148	118 N Central, New Prague 56071			T113 R23W 34		8/22/1996 200
54121	HWGP	Hazardous waste generator permit	MND041536491	RCRAINF	U	8/22/1996	200	
New Prague City Of Street Dept		83737	200 7th St Nw, New Prague 56071			T113 R23W 34		6/5/2002 1000
81460	HWGP	Hazardous waste generator permit	MNR000014001	HWIMS	U	6/5/2002	1000	
New Prague Dry Cleaners		96150	101 W Main St, New Prague 56071			T112 R23W 3		8/22/1996 200
67249	HWGP	Hazardous waste generator permit	MND051307171	RCRAINF	U	8/22/1996	200	
New Prague Elementary School		83755	1200 Columbus Ave N, New Prague 56071			T113 R23W 34		6/5/2002 1000
22274	HWGP	Hazardous waste generator permit	MND985763176	HWIMS	U	6/5/2002	1000	
New Prague Farm Center		56334	442 Main St W, New Prague 56071			T113 R23W 34		4/4/2001 200
41002	STOR	Storage or preparation area Agricultural chemical	00019289	ADAMS	A	4/4/2001	200	

**DRINKING WATER SUPPLY MANAGEMENT AREA
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DWSMA: New Prague**

<u>Facility Name</u>	<u>Facility ID</u>	<u>Address</u>	<u>PIN/PID</u>	<u>PLS Info</u>		<u>Loc. Date /</u>	
<u>Feature ID</u>	<u>Type</u>	<u>Type Description</u>	<u>ID Code</u>	<u>Source</u>	<u>Stat*</u>	<u>Accuracy (m)</u>	
New Prague Fmly Chiro Ctr		86578 314 Main St E, New Prague 56071		T112 R23W 3		6/5/2002	1000
72364	HWGP	Hazardous waste generator permit	148333198	HWIMS	U	6/5/2002	1000
New Prague Golf Club		52978 P O Box 107; 400 Lexington Ave S, New Prague		T113 R23W 34		4/4/2001	200
36443	STOR	Storage or preparation area Agricultural chemical	00013695	ADAMS	A	4/4/2001	200
New Prague Golf Club		86570 400 Lexington Ave, New Prague 56071		T113 R23W 34		6/5/2002	1000
15365	HWGP	Hazardous waste generator permit	148333206	HWIMS	U	6/5/2002	1000
New Prague High School/Bus		4268 721 Central Ave N, New Prague 56071		T113 R23W 34		4/16/2002	500
1300	RST	Registered storage tank permit	4383	TABS	U	4/16/2002	500
135410	UST	Underground storage tank Fuel oil	4383-001	TABS	A	4/16/2002	500
135411	UST	Underground storage tank Diesel	4383-003	TABS	A	4/16/2002	500
135412	AST	Aboveground storage tank Gasoline	4383-1001	TABS	A	4/16/2002	500
New Prague Medical Clinic Pa		83753 301 Main St E, New Prague 56071		T113 R23W 34		6/5/2002	1000
62410	HWGP	Hazardous waste generator permit	MND078693934	HWIMS	U	6/5/2002	1000
New Prague Municipal Utilities		96179 300 E Main, New Prague 56071		T112 R23W 3		8/22/1996	200
33764	HWGP	Hazardous waste generator permit	MND985676345	RCRAINF	U	8/22/1996	200
New Prague Pets		58819 118 Main St E, New Prague 56071		T112 R23W 3		4/4/2001	200
1006	STOR	Storage or preparation area Agricultural chemical	00022565	ADAMS	A	4/4/2001	200
New Prague Sr High School And		83749 721 Central Ave N, New Prague 56071		T113 R23W 34		6/5/2002	1000
47039	HWGP	Hazardous waste generator permit	MND053412698	HWIMS	U	6/5/2002	1000
New Prague Utilities Commission		10189 300 E Main, New Prague 56071		T112 R23W 3		3/8/2001	10000
96615	RST	Registered storage tank permit	10619	TABS	U	3/8/2001	10000
159683	UST	Underground storage tank Fuel oil	10619-001	TABS	R	3/8/2001	10000
159684	UST	Underground storage tank Fuel oil	10619-002	TABS	R	3/8/2001	10000
159685	UST	Underground storage tank Fuel oil	10619-003	TABS	R	3/8/2001	10000
New Prague Utilities Commission		28223 300 E Main, New Prague 56071		T112 R23W 3		6/5/2002	100
94371	LUST	Leaking underground storage tank		LUST	XC	6/5/2002	100
New Prague Wtp		46277 300 E Main Street, New Prague 56071		T112 R23W 3		4/22/2002	10000
68453	NPDES	National discharge permit	MNG640117	NPDES	U	4/22/2002	10000
New Prague Tw		180517 Lexington Av, New Prague 56071		T112 R23W 3		6/17/2002	25
273372	WEL	Well - New Prague Tw	671644	CWI	S	6/17/2002	25
557639	WLL	Well log	671644	CWI	S	6/17/2002	25
Parkview Medical Clinic		86579 205 Lexington Ave S, New Prague 56071		T112 R23W 3		6/5/2002	1000
15748	HWGP	Hazardous waste generator permit	148333396	HWIMS	U	6/5/2002	1000
Queen Of Peace Hospital		4245 301 2nd St NE, New Prague 56071		T113 R23W 34		4/16/2002	500
11581	RST	Registered storage tank permit	4360	TABS	U	4/16/2002	500
135319	UST	Underground storage tank Fuel oil	4360-001	TABS	A	4/16/2002	500
135320	UST	Underground storage tank Fuel oil	4360-002	TABS	A	4/16/2002	500
Queen Of Peace Hospital		83752 301 2nd St Ne, New Prague 56071		T113 R23W 34		6/5/2002	1000
46730	HWGP	Hazardous waste generator permit	MND083454108	HWIMS	U	6/5/2002	1000
Rohs Dr Thomas E Ltd		96178 101 Central Ave N, New Prague 56071		T113 R23W 34		8/22/1996	200
105708	HWGP	Hazardous waste generator permit	MND985675594	RCRAINF	U	8/22/1996	200
Rynda Hardware Co		86582 102 W Main St, New Prague 56071		T112 R23W 3		6/5/2002	1000
28970	HWGP	Hazardous waste generator permit	148333602	HWIMS	U	6/5/2002	1000
Slavik Mike		83738 208 Sunset Ave N, New Prague 56071		T113 R23W 34		6/5/2002	1000
16100	HWGP	Hazardous waste generator permit	148333743	HWIMS	U	6/5/2002	1000
Stream		113713 New Prague 56071		T113 R23W 34		10/30/2000	1000
59286	BDG	Bridge	L3057	DOT-BI	U	10/30/2000	1000
Stream		115672 New Prague 56071		T113 R23W 34		10/30/2000	1000
25555	BDG	Bridge	L8826	DOT-BI	U	10/30/2000	1000
Stream		119801 New Prague 56071		T113 R23W 34		10/30/2000	1000
84841	BDG	Bridge	70J01	DOT-BI	U	10/30/2000	1000
Suel Printing Co		90557 200 E Main, New Prague 56071		T112 R23W 3		6/5/2002	1000
43926	HWGP	Hazardous waste generator permit	MND006185599	HWIMS	U	6/5/2002	1000
Turf Tech Lawn Services		57085 P O Box 44; 602 Main St E, New Prague 56071		T112 R23W 3		4/4/2001	100

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<u>Feature ID</u>	<u>Type</u>	<u>Type Description</u>		<u>ID Code</u>	<u>Source</u>	<u>Stat*</u>	<u>Accuracy (m)</u>	
75251	STOR	Storage or preparation area Agricultural chemical		00020916	ADAMS	A	4/4/2001	100
Winn George H Dr		71735	301 E Main B, New Prague 56071		T112 R23W 3		6/5/2002	1000
17711	HWGP	Hazardous waste generator permit		MND985720523	HWIMS	U	6/5/2002	1000

* Status Codes: A = Active; PRIM = Primary; R = Removed; S = unknown; U = Unknown; XC = Conditionally closed