



# AGENDA

## Blackduck City Council - Work Session Meeting

6:00 PM - Monday, February 23, 2026  
 City Hall, 8 Summit Drive, Blackduck MN

		Page
1.	CALL TO ORDER	
a.	Roll Call	
b.	Pledge of Allegiance	
2.	APPROVAL OF AGENDA	
3.	OLD BUSINESS	
a.	Beltrami Soil & Water Conservation District - Lower Red Lake Stormwater BMP Retrofit Study - Kayle Carver, Clean Water Specialist <a href="#">Stormwater Retrofit</a>	3 - 66
b.	Blackduck Lift Stations <a href="#">Widseth Proposal for services for Lift Station Rehabilitation Project LS Study</a> <a href="#">Liftstation budget test for future debt</a> <a href="#">Blackduck MN Black Mallard LS Remodel QTE009680</a> <a href="#">Blackduck MN Main LS Pumps Panel QTE009810</a> <a href="#">Blackduck MN West End LS Remodel QTE009679 (002)</a>	67 - 97
c.	Blackduck Police Department & Beltrami County Sheriff Partnership <a href="#">03162026</a> <a href="#">Section 350</a>	98 - 100
d.	Wellhead Protection Plan Implementation Grant Application & LGU Notification Status <a href="#">Application approval notification</a>	101
e.	KRLS Library Facility Renovation	
f.	Lions Duck & Historic Duck Project	
g.	Blackduck City Hall Future Plans -Committee Meeting - February 27, 2026 @ 2pm	
4.	NEW BUSINESS	
a.	2026 Golf Course Expense Budget Revision - Huntington Bank Golf Lease Notice <a href="#">Blackduck Golf Course Revised 2026 Expense Budget</a>	102 - 103
b.	Planning Commission Recommendation to increase Blight Fines - Blackduck City Ordinance §900.15-25 <a href="#">Pages from Chapter 9 Health and Safety; Nuisances Resolution 2025-20</a> <a href="#">Minutes 02182026</a>	104 - 122

c. 2026 City Wide Clean Up Event - Tentative Date - Thursday, May 14, 2026.

5. ADJOURNMENT



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# Lower Red Lake Stormwater BMP Retrofit Study

*Red Lake, Redby, Little Rock, Ponemah, Blackduck, Northome, and Kelliher, MN*

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Prepared for Beltrami Soil and Water Conservation District

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Prepared by HR Green, Inc.  
2550 University Avenue W  
Suite 400N  
St. Paul, MN 55114  
March 31, 2025



## Executive Summary

The Lower Red Lake Stormwater Best Management Practice (BMP) Retrofit Study, prepared by HR Green, Inc. for the Beltrami Soil and Water Conservation District, provides a comprehensive analysis of stormwater management practices. The goal is to provide guidance to the Beltrami SWCD to implement targeted, measurable, and prioritized BMPs to protect water resources within the Lower Red Lake watershed in Minnesota. The study evaluates seven communities: Blackduck, Kelliher, Northome, Red Lake, Redby, Ponemah, and Little Rock, focusing on the implementation of BMPs to address water quality issues, particularly those related to Total Suspended Solids (TSS) and Total Phosphorus (TP).

There are several impaired water bodies that receive runoff from the evaluated communities. The waters impaired by either nutrients or TSS, as determined by the Minnesota Pollution Control Agency (MPCA), are as follows:

- Blackduck Lake west of Blackduck - nutrient impairment.
- Bartlett Lake in Northome - nutrient impairment.
- Pike Creek in Red Lake - TSS impairment.
- Mud River in Redby - TSS impairment.

Most of the communities are not densely developed and use roadside ditches for drainage, which treat stormwater through pollutant capture and infiltration. Areas with curb, gutter, and storm sewer were the primary focuses of this study. Desktop watershed delineation and field reconnaissance were performed to assess the current stormwater infrastructure and identify potential BMP locations. BMPs evaluated in the study include raingardens, forebays, infiltration basins, retention ponds, and underground devices like SAFL Baffles and hydrodynamic separators (HDS). These BMPs were considered based on their effectiveness in treating concentrated sources of pollution and their feasibility given the local soil and hydrologic conditions. Conditions were modeled in P8 Urban Catchment Model to estimate the pollutant loading from each watershed and removals from both existing storm infrastructure and potential proposed BMPs.

The initial cost of BMP alternatives were estimated using a 30% contingency and a 20% engineering design fee. The present-day value, which represents the total cost to design, construct, inspect, and maintain a BMP over a 30-year period, was used to determine the cost per pound of pollutant removal over 30 years. Annual and intermittent maintenance costs were estimated from specific assumptions made for each type of BMP regarding operational procedures.

Each structural BMP alternative was compiled into a table and ranked in order of highest to lowest priority, based on their cost-effectiveness and potential impact on water quality improvements, with a focus on watersheds that discharge to impaired waters. Non-structural BMP solutions are not a primary focus of this report, but some possibilities are briefly discussed.

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## I. Introduction

### A. Purpose and General Scope

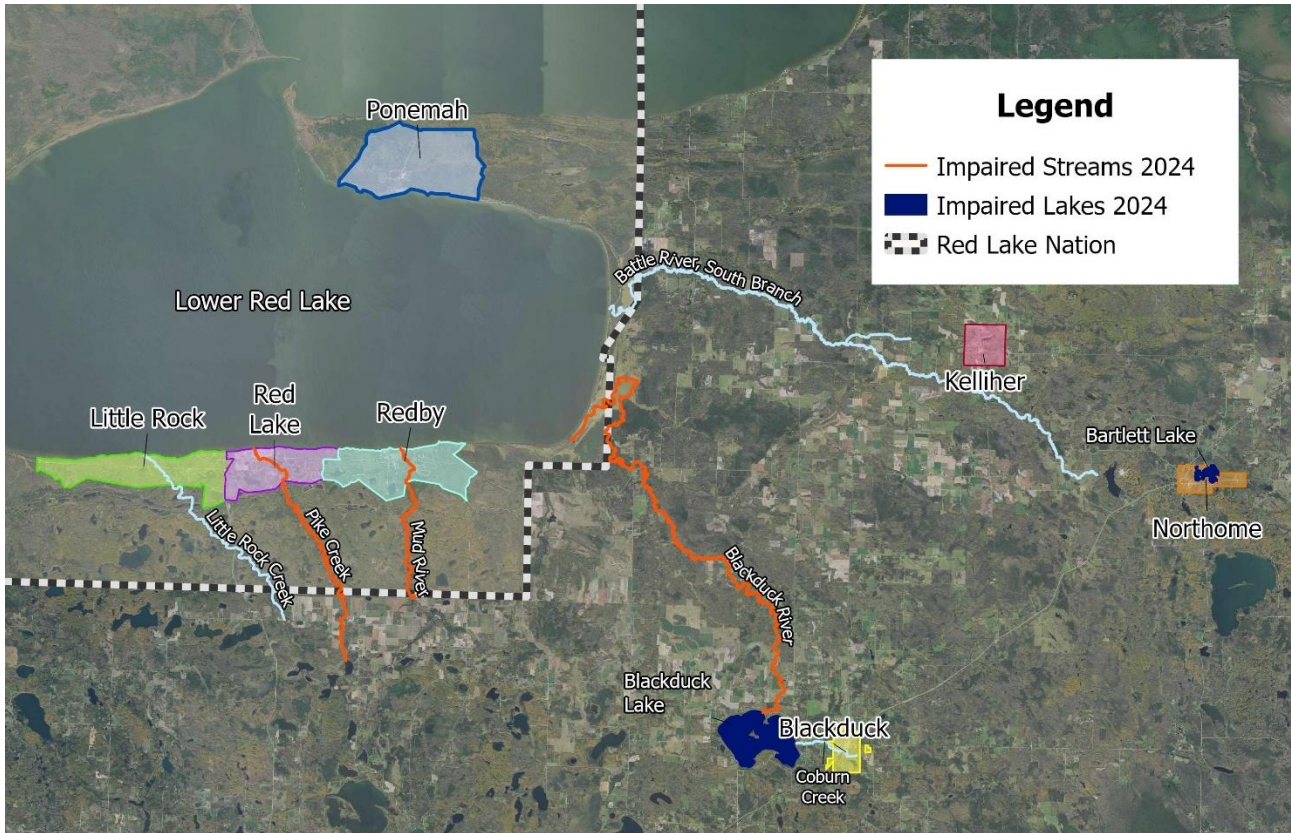
The Beltrami Soil and Water Conservation District (SWCD) has partnered with the Red Lake Department of Natural Resources (DNR) to investigate seven communities for sites suitable for stormwater Best Management Practices (BMPs). The BMPs are intended to reduce pollutant discharges to various water bodies, all of which are within the Lower Red Lake watershed. The goal of this report is to provide guidance to the Beltrami SWCD to implement targeted, measurable, and prioritized BMPs to protect water resources within developed areas of the Upper/Lower Red Lake watersheds. The seven communities evaluated in this analysis are Blackduck, Kelliher, Northome, Red Lake, Redby, Ponemah, and Little Rock.

Water quality pollutants such as Total Suspended Solids (TSS) and Total Phosphorus (TP) are produced in the highest concentrations in urbanized and heavily trafficked areas. In addition, structural BMPs are most effective when treating concentrated sources of pollution, which typically occurs in areas with curb, gutter, and/or storm sewer infrastructure. Roadside ditches may also direct flows to single points and provide treatment through pollutant capture and infiltration. Locations where no concentrated stormwater flows exist are both much less polluted and much more difficult to treat effectively, so these locations were not considered as a part of this study.

Each of the seven communities investigated for this study is discussed in detail below. Some cities have more discussion and potential BMP locations because there are more opportunities for BMPs in more densely developed areas.

### B. Evaluated Communities

Little Rock, Red Lake, Redby, and Ponemah are located in Red Lake Nation and along the shoreline of Lower Red Lake. Blackduck, Northome, and Kelliher are outside of Red Lake Nation but within the Lower Red Lake watershed. The communities evaluated in this study and relevant water bodies are shown in Figure 1. Of the seven, Red Lake and Blackduck are the most developed communities with the largest storm sewer systems. Little Rock and Ponemah are the least densely developed with little concentrated flow and small drainage networks.



**Figure 1: Boundaries of the evaluated communities and relevant water bodies.**

There are several impaired water bodies, as determined by the Minnesota Pollution Control Agency (MPCA), that receive runoff from the communities in this study (Table 1). Stormwater runoff has a strong influence on TSS and nutrient impairments; therefore, they will be the primary pollutants evaluated in this study. Other impairments identified in these waters are influenced by factors other than stormwater runoff and were not a focus of this study.

**Table 1: Impaired waters receiving runoff from evaluated communities.**

Waterbody	Community	Impairments
Blackduck Lake	Blackduck	Mercury and nutrient
Bartlett Lake	Northome	Nutrient
Pike Creek	Red Lake	TSS, dissolved oxygen, and benthic macroinvertebrates bioassessments
Mud River	Redby	TSS and E. coli

## **C. Methods**

### ***Field Reconnaissance***

A two-day field visit was performed in December of 2024 to gather information on each city's storm water infrastructure and assess possible BMP locations. HR Green was joined by Beltrami SWCD staff on the first day and Red Lake DNR staff on the second day. Visits were made to the Red Lake Nation tribal engineering office and to the Blackduck, Northome, and Kelliher town halls to gain knowledge of drainage patterns and outfall locations from staff. Catch basins and manholes were opened, when possible, to fill any knowledge gaps. Some infrastructure and flow paths were not visible due to recent snowfall at the time of the visit. A desktop analysis using Google Street View also assisted in identifying infrastructure locations.

### ***Watershed Delineation, Land Use, and Soil Data***

Watersheds to each of the identified outfalls were delineated based on MnTOPO LiDAR data and the knowledge acquired during the field visit. In order to model the pollutant loading to these locations, watershed parameters were assigned. These parameters include directly and indirectly connected impervious area ratios, sediment accumulation and decay rates, particle distribution of accumulated sediment and wash-off rates, and sediment-pollutant affiliations by particle size, among others. The values are determined based on land use, which was assessed using aerial imagery. See land use classifications and corresponding parameter values in Appendix A. Minor modifications to these land use parameters were made when attempting to account for the presence of gravel driveways in Red Lake Nation communities. A scale factor for particle loading varying from 1.1 to 1.25 was manually applied to impervious surface pollution sources at targeted locations.

NRCS soils data obtained from the NRCS Web Soil Survey were used for classification of hydrologic soil groups.

### ***Initial Retrofit Review***

The process of screening for BMP retrofit opportunities involved evaluating available land and soil types both at storm sewer outfalls and throughout the entire watershed. Various types of BMPs were considered for retrofit facilities, including raingardens, forebays, infiltration basins, retention basins, and underground devices. A brief description of each and a list of assumptions made for the analysis are summarized below.

### **Raingardens**

A raingarden is a constructed depression with native plantings where stormwater runoff from small rain events is captured and infiltrated. Including a form of pretreatment for raingardens can ease maintenance demands and improve the performance of the system. Raingardens require annual maintenance to remove sediment buildup and weeds and intermittent maintenance to replace mulch and failed plantings.



**Example of a raingarden**

#### **Assumptions:**

- Surface area of 150 ft<sup>2</sup> per raingarden for modeling purposes and 1-foot-deep surface ponding.
- Each raingarden costs \$68/ft<sup>2</sup>. Right of way acquisition costs are not included.
- Raingarden is located in the boulevard with a curb cut and Rain Guardian™ Bunker forebay.
- Assumed 1.5 feet of engineered media, no underdrain, and no retaining walls.
- Planting completed by contractor (combination of plugs and 4-inch pots for grasses, sedges and forbs).
- No raingardens were evaluated in HSG type D soil. Areas with HSG D soil do not permit infiltration practices and would require an underdrain. Underdrains need to be connected to the main storm sewer system, which would involve the removal and replacement of roadway pavement and increases the cost of each raingarden.
- Annual and intermittent inspection and maintenance is performed by the City at least once per year unless otherwise designated.

### **Forebay**

A forebay is a depressional area located in front of a larger water treatment system or water body designed to slow flow and allow solids to settle. Forebays are used to consolidate maintenance in one location and improve the larger system's performance. Maintenance is performed intermittently to remove the sediment from the bottom of the forebay. This can typically be done using a skid loader.



**Example of a forebay**

#### **Assumptions:**

- The forebay has a depth of 3 feet below the outfall invert.
- A concrete pad is cast at the bottom of the forebay to allow for easy cleanout.
- Overflow exits via a rip rap berm.
- Annual inspections and intermittent maintenance are performed by the City unless otherwise designated.

- Cost of each forebay was estimated based on the respective forebay footprint area and includes a concrete maintenance access path.

Where storm sewer outlets to a natural system like a channel or pond, forebays were evaluated to provide a consolidated location for maintenance.

### **Infiltration Basin**

An infiltration basin is a depression that collects stormwater and allows it to infiltrate into the soil. They are typically located at the end of a pipe and are used to reduce runoff rates and treat pollutants like sediment and phosphorus. Including a form of pretreatment can ease maintenance demands and improve the performance of the system. Examples of required maintenance include mowing, sediment removal, and erosion repair.



**Example of an infiltration basin**

#### **Assumptions:**

- The ponding depth at the recommended device location depends on HSG type and a 48-hour drawdown time.
- Native soils with a D type HSG do not permit infiltration practices.
- In-situ soils are scarified or amended to improve infiltration capacity.
- A forebay is placed at the storm sewer outlet to the basin and a concrete pad is cast at the bottom to allow for easy sediment removal. The forebay overflows over a rip rap berm.
- Outlet for the basin is an elevated beehive structure.
- Cost of each infiltration basin was estimated based on the respective footprint area and includes a forebay and concrete maintenance access path.
- Annual inspections and intermittent maintenance are performed by the City unless otherwise designated.

### **Retention Pond**

A retention pond is a permanent pool of water designed to store water and release it slowly to prevent flooding and allow sediment to settle. It is typically implemented when groundwater is high or soils are ineffective for infiltration. Including a form of pretreatment can ease maintenance demands and improve the performance of the system. Examples of maintenance include sediment removal, removing invasive species such as cattails, and erosion repair.



**Example of a retention pond**

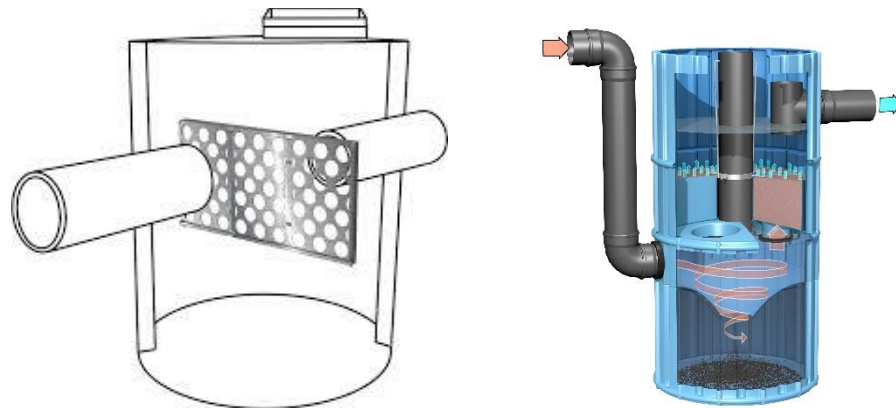
#### **Assumptions:**

- Retention ponds were only considered when soils were unsuitable for infiltration (HSG D).
- Permanent pool depth of 3 feet.

- A forebay is placed at the storm sewer outlet into the basin and a concrete pad is cast at the bottom to allow for easy sediment removal. The forebay overflows over a rip rap berm.
- Outlet for the basin is an elevated beehive structure.
- Cost of each retention pond was estimated based on the respective footprint area and includes a forebay and concrete maintenance access path.
- Annual inspections and intermittent maintenance are performed by the City unless otherwise designated.

### **Underground Device**

The pollutant removal mechanisms of underground devices vary depending on the target pollutant. They are typically used when a site's layout or topography may not support an above ground system. Two common types of devices to treat TSS are sumped manholes and hydrodynamic separators (HDS). The SAFL Baffle is a modified sumped manhole that has a screen to help capture sediment. A hydrodynamic separator uses swirl forces and gravity to settle the TSS. HDSs can be more effective than SAFL baffles for larger watersheds, however they are also more expensive. Both types of devices require a vactor truck to remove the accumulated sediment. Depending on the amount of sediment loading, this maintenance can vary but it is recommended annually. These underground devices primarily target TSS, while achieving marginal TP treatment. Devices that target nutrients are also available in the form of filtration. Proprietary underground filtration devices rely on media filled cartridges or membrane filters to capture or adhere soluble nutrients, while also achieving high levels of TSS removal.



**Figure 2. Illustrations of a SAFL Baffle (left) and HDS device (right).**

### **Assumptions:**

- Device is built off-line under a paved roadway. Construction was assumed to include removal and replacement of concrete pavement.
- SAFL Baffle is a 72-inch manhole with a sump depth of 3 feet. Placed in-line with existing storm sewer.

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<sup>1</sup> <https://upstreamtechnologies.us/docs/SAFL-Baffle-Design-Guide.pdf>  
<https://sustainabletechnologies.ca/home/urban-runoff-green-infrastructure/conventional-stormwater-management/hydrodynamic-separators/>

- HDS device is sized for a residential drainage area between 25-50 acres. Placed off-line of existing storm sewer.
- One SAFL Baffle was estimated to cost \$69,000 to design and construct.
- An HDS was estimated to cost \$300,000 to design and construct.
- Annual inspection and maintenance is performed by the City unless otherwise designated.
- Assumed a vactor truck could be rented for \$1,500 per day.

SAFL Baffle treatment efficiency significantly decreases as watershed area increases. As a result, best engineering judgement was used to determine the drainage area threshold between SAFL Baffle and HDS implementation. The ranges are given in Table 2 below.

**Table 2: Underground devices evaluated for site based on size of drainage area.**

Drainage Area [acres]	Underground Device
Area < 3.5	SAFL Baffle
3.5 ≤ Area < 12	Two SAFL Baffles
Area ≥ 12	HDS

### Existing and Proposed Modeling

The water quality of each watershed’s existing and proposed stormwater effluent was modeled within P8 Urban Catchment Model. The default temperature data and NURP50 loading values were used.

Watersheds were modeled to the nearest waterbody or wetland as classified by the National Wetland Inventory (NWI). Areas primarily made up of recent development with the presence of stormwater BMPs already in place were assumed to meet existing state requirements for stormwater treatment and were not included in the analysis. If over 50% of TSS loading was removed by an existing system (e.g. drainage ditch), the watershed was determined to have sufficient treatment and was not evaluated for BMP retrofits. All other watersheds were considered “targeted” watersheds and were analyzed for potential BMPs.

### Cost Estimation

Cost of BMPs were calculated using a 30% contingency and 20% engineering design fee. The present-day value is the current worth of a future sum of money. For the purposes of this analysis, it is used to describe the total cost to design, construct, inspect, and maintain a BMP over the course of 30 years. The present-day value was calculated using the equation below.

$$PV = \sum_{n=0}^n \frac{FV}{(1+r)^n}$$

PV = present value  
 FV = future value (cost of annual inspection and maintenance)  
 r = discount rate  
 n = period of time in years

The future value (FV) is the annual inspection and maintenance cost. A discount rate of 3.5% and timeframe of 30 years were used. The cost per pound of removal for each alternative was calculated by dividing the present value by the pounds of pollutant removed over 30 years.

### *Limitations of Analysis*

The following were **not** used when evaluating retrofit locations and alternatives:

- storm sewer invert, rim, or diameter
- utility data and location (water, sanitary, electric, etc)
- site-specific geotechnical data or groundwater information

If selected, underground devices should be sized correctly based on estimated flow rate to the device and manufacturer specifications. This will require more storm sewer information to model the system. Underground devices also require a certain amount of cover, which cannot be evaluated without invert and rim data.

Any BMP location selected for design should be vetted for utility conflicts and geotechnical borings should be obtained. Raingardens and infiltration basin sites should be evaluated for soil conditions related to infiltration.

The BMP alternatives identified for each community are described in the sections below.

# Blackduck



## II. Blackduck

### A. Watersheds and Drainage Patterns

Blackduck is one of the largest developed areas evaluated in this study. Drainage from Blackduck is all routed to Coburn Creek which eventually outlets to Blackduck Lake (Figure 1). According to the MPCA, Blackduck Lake is impaired by mercury and nutrients. The majority of individual watersheds in the City are routed to roadside ditches and do not have curb and gutter, with the exception of downtown, Main Street N, and Liberty Drive. Blackduck was divided into eleven watersheds which are described in Table 3 and shown in Figure 3.

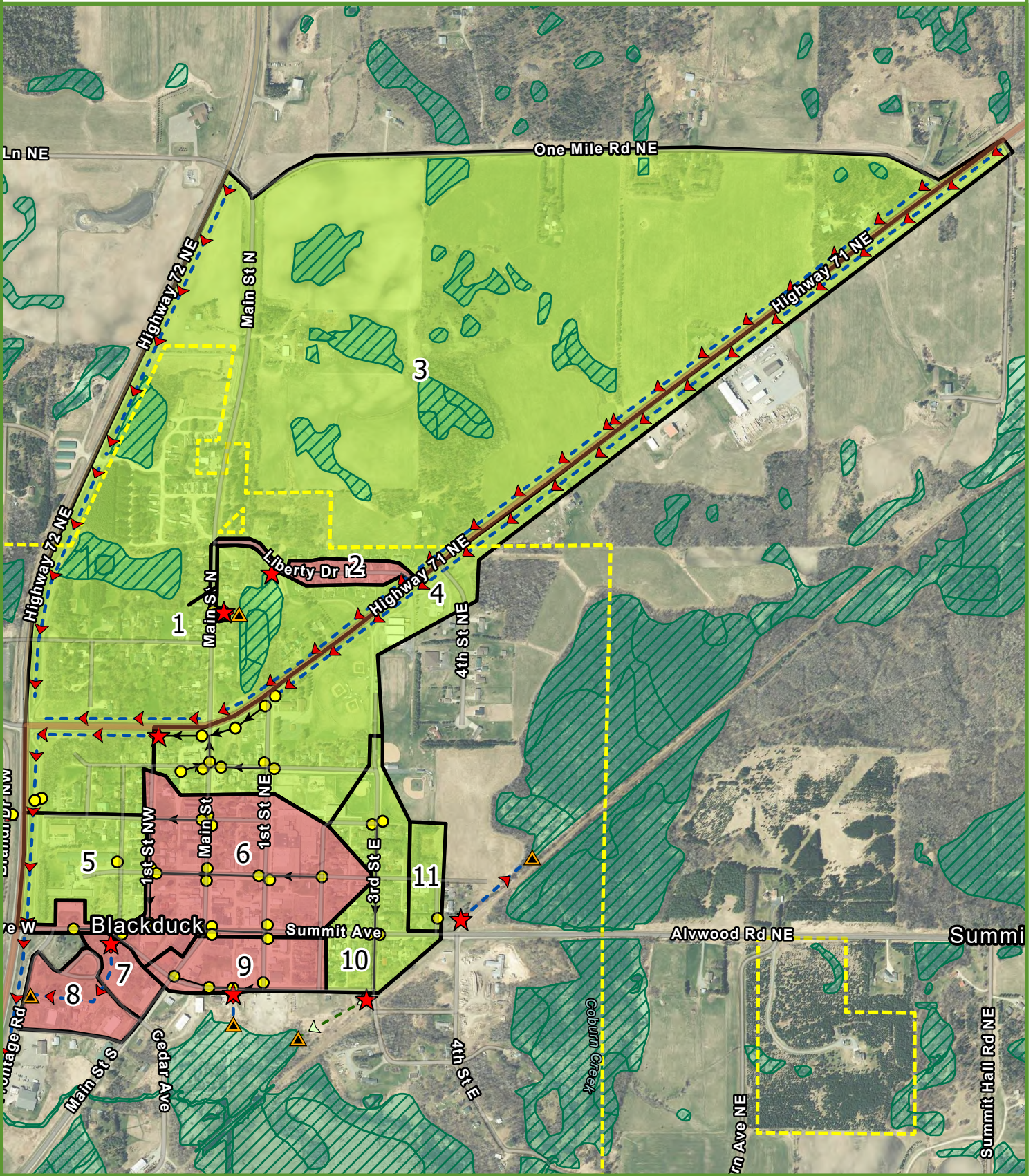
**Table 3: Existing Drainage Area Summary - Blackduck**

Watershed Number	Runoff Area [acres]	HSG	Targeted Watershed
1	0.6	D	No
2	3.4	D	Yes
3	304.1	D	No
4	44.6	D	No
5	13.6	D	No
6	33.1	D	Yes
7	3.5	D	Yes
8	7.3	D	Yes
9	9.3	D	Yes
10	15.7	D	No
11	3.9	D	No

- Watershed 1: storm sewer outlets to a ditch east of Main Street N, approximately 450 ft south of the intersection of Liberty Drive NE. Ditch flows to the wetland south of Liberty Drive NE.
- Watershed 2: storm sewer outlets directly to the wetland south of Liberty Drive NE.
- Watersheds 3 and 4: residential neighborhoods and fields which drain to a system of roadside ditches. The northern half of the drainage area is outside city limits.
- Watershed 5: partially flows to a depressional area and partially drains to a roadside ditch east of HWY 71.
- Watershed 6-8: storm sewer from Watershed 6 outlets to a drainage channel in Blackduck Wayside Rest Park. Watersheds 7 and 8 are areas of the park that drain to the drainage channel.
- Watershed 9: storm sewer outlets to a ditch south of Railroad Avenue SE which flows to Coburn Creek.
- Watershed 10: storm sewer outlets to the southwest corner of 3<sup>rd</sup> Street E and Railroad Avenue SE and eventually flows to a wetland which connects to Coburn Creek.
- Watershed 11: storm sewer outlets to the northeast corner of Summit Avenue and 4<sup>th</sup> Street E and flows northeast in a ditch alongside the trail.

Watersheds 1, 10, and 11 had annual TSS removal efficiencies over 50% when existing conditions were modeled in P8 and therefore, were not analyzed for BMP retrofit opportunities.

Watersheds 3, 4, and 5 were also not evaluated because they combine into a large ditch network which cannot be accurately modeled in P8 on a large scale. It was assumed to provide sufficient treatment. As a result, only Watersheds 2, 6-8, and 9 were evaluated for possible BMP retrofits.



**Figure 3**  
**Blackduck**  
**Watershed**  
**Overview**

- Storm Node
- ★ Storm Sewer Outlet
- ▲ End of Model (if different than outlet)
- ▾ Grassy slope
- ▬ Ditch/Channel
- StormSewer

- ▨ National Wetland Inventory
- Watershed Priority**
- ▭ Sufficient Treatment
- ▭ Target Watershed
- ▬ City Limits

0 900  
 Feet  
 1 inch = 900 feet

N

## B. Watershed 2

Watershed 2 produces runoff from the Liberty Drive NE medium density residential neighborhood and outlets directly to an NWI wetland to the west (Figure 4). The wetland overflows to the roadside ditch north of Highway 71 NE. There is no existing treatment performed at this site. The total existing pollutant outflow to the wetland is 832 lbs of TSS and 2.7 lbs of TP.

**Table 4: Blackduck Watershed 2 Retrofit BMP Annual Performance and Value**

Blackduck Watershed 2	Pollutant Removal Relative to Discharge Point				
	TSS		TP		Size Assumptions
	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
Existing	No existing treatment				
Raingardens	HSG D – Soils unsuitable for infiltration				
Infiltration Basin	HSG D – Soils unsuitable for infiltration				
Forebay	Insufficient space – outlet is too close to wetland				
SAFL Baffle	53%	437	10%	0.3	

	Design & Construction Cost	Maintenance Cost		Present Day Value	\$/lb-TSS	\$/lb- TP
		Annual	Intermittent			
SAFL Baffle	\$69,000	\$1,890	N/A	\$103,761	\$7.92	\$12,810

Assumes:

1. City owns and operates all facilities and is responsible for all maintenance expenses.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.

**C. Watersheds 6-8**

Watershed 6 is the largest target watershed in Blackduck, capturing the majority of runoff from downtown and discharging to a channel in Blackduck Wayside Rest Park. The channel starts at the southwest corner of Railroad Avenue SW and Summit Avenue W and runs south to a culvert under Cedar Avenue. Cedar Avenue is a dirt road that is lightly trafficked. The channel then flows west under Frontage Road to connect to a State Highway 71 drainage ditch that flows into Coburn Creek. The three watershed system was modeled in P8 until the crossing under Frontage Road and the watersheds from the park were directed to corresponding reaches of the channel (Watersheds 7 and 8). The P8 model estimated that the existing channel system removes 57% of annual TSS loading. To be consistent with the study assumptions, that should mean the watershed has sufficient treatment and would not be analyzed for BMP retrofits; however, because Blackduck Lake has a nutrient impairment and the existing TP removal efficiency is less than 50%, BMP alternatives were still considered at the site. With the existing channel system, the existing pollutant outflow at the discharge point (culvert under Frontage Road) is 6,813 lbs of TSS and 39.3 lbs of TP annually.

Because the existing drainageway runs through a park, there is available land and City right-of-way to construct a retention pond. Soils are expected to be poor for infiltration, so a retention pond was considered at this site. The pond was placed in Watershed 8 because topography and proximity to the roadway would make a pond difficult to construct in Watershed 7. Options for a forebay and underground device were evaluated at the outlet of Watershed 3 (Figure 4).

**Table 5: Blackduck Watersheds 6, 7, and 8 Retrofit BMP Annual Performance and Value**

Blackduck Watersheds 6-8	Pollutant Removal Relative to Discharge Point				
	TSS		TP		Size Assumptions
	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
<b>Existing</b>	57%	9,095	23%	11.9	
<b>Raingardens</b>	HSG D – Soils unsuitable for infiltration				
<b>Forebay</b>	6%	377	3%	1.3	Surface area of 0.05 acres and depth of 3 ft
<b>Retention Pond</b>	58%	3,951	44%	17.3	Total surface area of 0.75 acres and depth of 3 ft
<b>HDS</b>	53%	3,635	15%	5.7	

	Design & Construction Cost	Maintenance Cost (30-yr)		Present Day Value	\$/lb - TSS	\$/lb - TP
		Annual	Intermittent			
<b>Forebay</b>	\$98,800	\$65	\$998 (3-yr)	\$107,686	\$9.53	\$2,761
<b>Retention Pond</b>	\$314,100	\$65	\$1,107 (5-yr)	\$344,842	\$2.91	\$664
<b>HDS</b>	\$300,000	\$2,280	N/A	\$341,934	\$3.14	\$1,983

Assumes:

1. City owns and operates all facilities and is responsible for all maintenance expenses.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.
4. Forebay
  - a. Inspected annually and dredged every 3 years.
5. Retention Pond
  - a. Seeding and planting completed by contractor (combination of seed mix, plugs, and 4-inch pots for grasses, sedges and forbs).
  - b. Includes forebay with concrete bottom that is 10% of the total footprint.
  - c. Inspected annually and forebay is dredged every 5-years.

**D. Watershed 9**

Watershed 9 captures a portion of runoff from primarily commercial buildings in the southern part of downtown and outlets to a ditch that flows south through an NWI wetland to Coburn Creek (Figure 4). The ditch was modeled up to the wetland and is currently performing a limited amount of treatment. With the ditch, the existing pollutant loading to the wetland is 2,316 lbs of TSS and 11.6 lbs of TP.

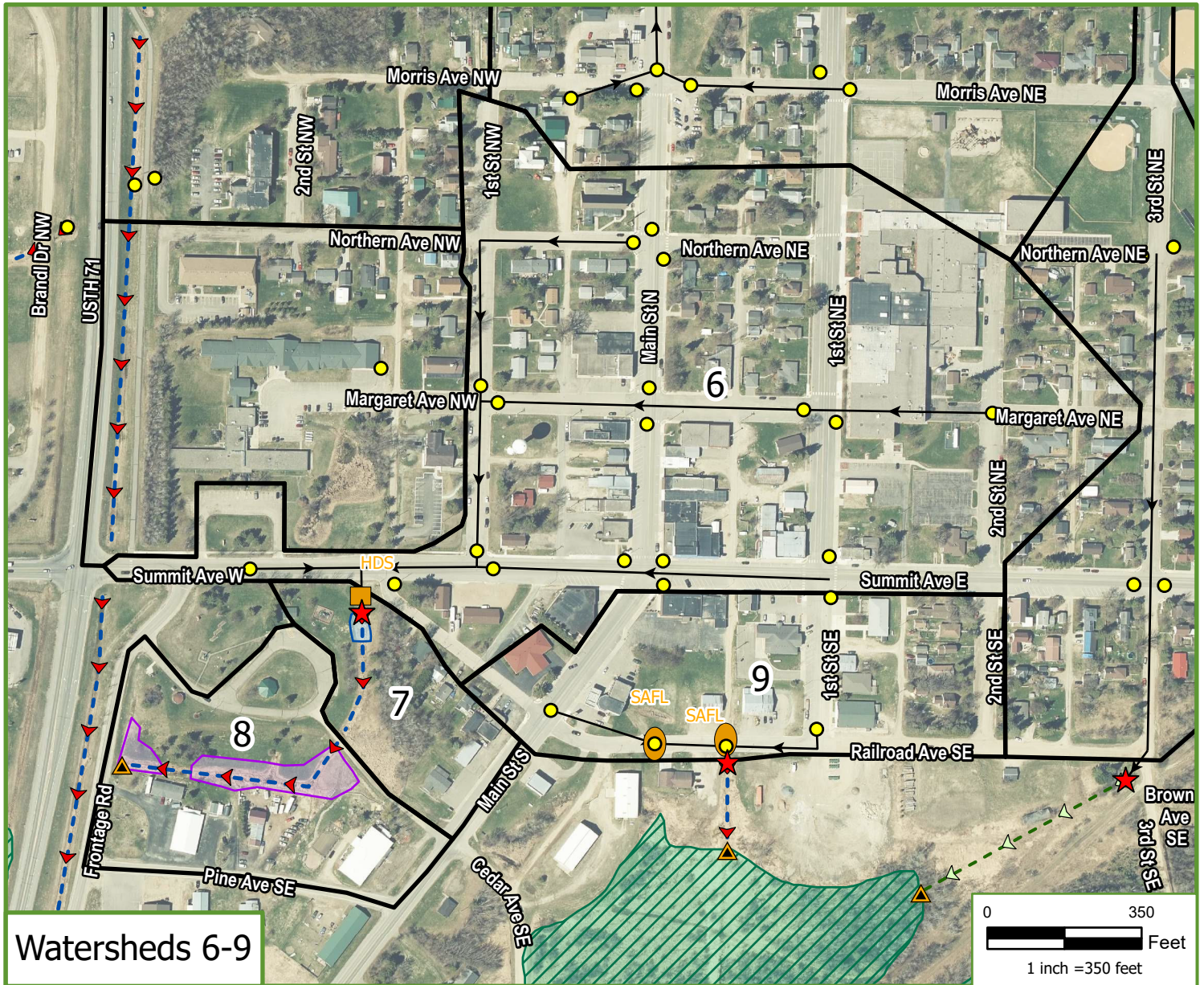
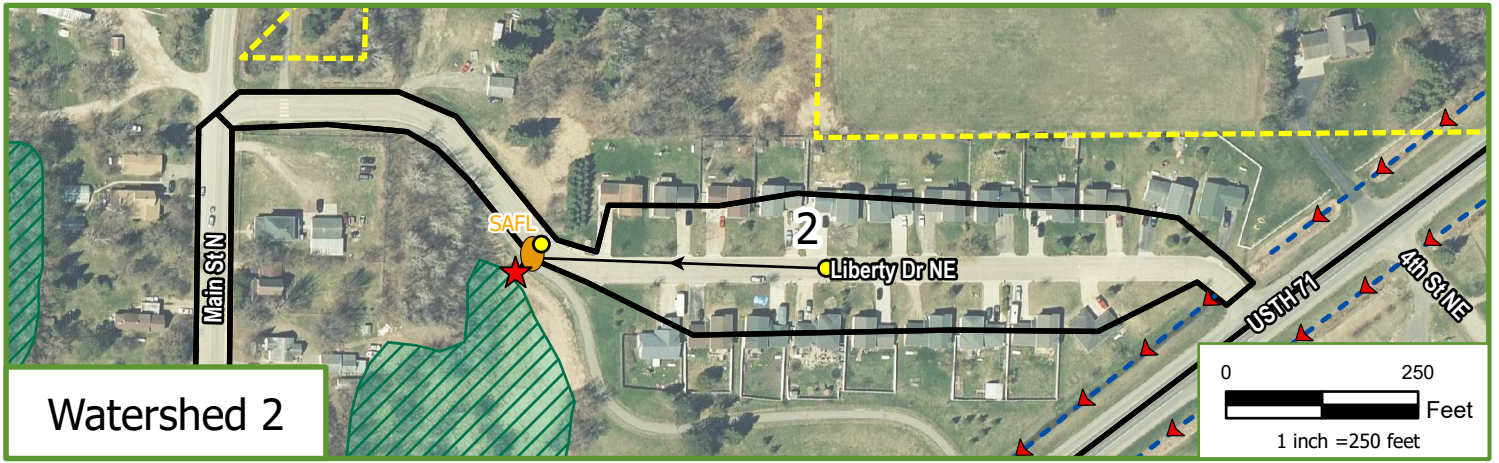
**Table 6: Blackduck Watershed 9 Retrofit BMP Annual Performance and Value**

<b>Blackduck Watershed 9</b>	<b>Pollutant Removal Relative to Discharge Point</b>				
<b>Alternative</b>	<b>TSS</b>		<b>TP</b>		<b>Size Assumptions</b>
	<b>Removal Efficiency [%]</b>	<b>Annual Removal [lb/yr]</b>	<b>Removal Efficiency [%]</b>	<b>Annual Removal [lb/yr]</b>	
<b>Existing</b>	45%	1,860	13%	1.8	
<b>Raingardens</b>	Steep slopes				
<b>Infiltration Basin</b>	HSG D – Soils unsuitable for infiltration				
<b>Forebay</b>	Insufficient space - landlocked by surrounding properties				
<b>Two SAFL Baffles</b>	50%	1,164	10%	1.2	

	<b>Design &amp; Construction Cost</b>	<b>Maintenance Cost</b>		<b>Present Day Value</b>	<b>\$/lb- TSS</b>	<b>\$/lb- TP</b>
		<b>Annual</b>	<b>Intermittent</b>			
<b>Two SAFL Baffles</b>	\$138,000	\$2,020	N/A	\$172,761	\$4.95	\$4,964

Assumes:

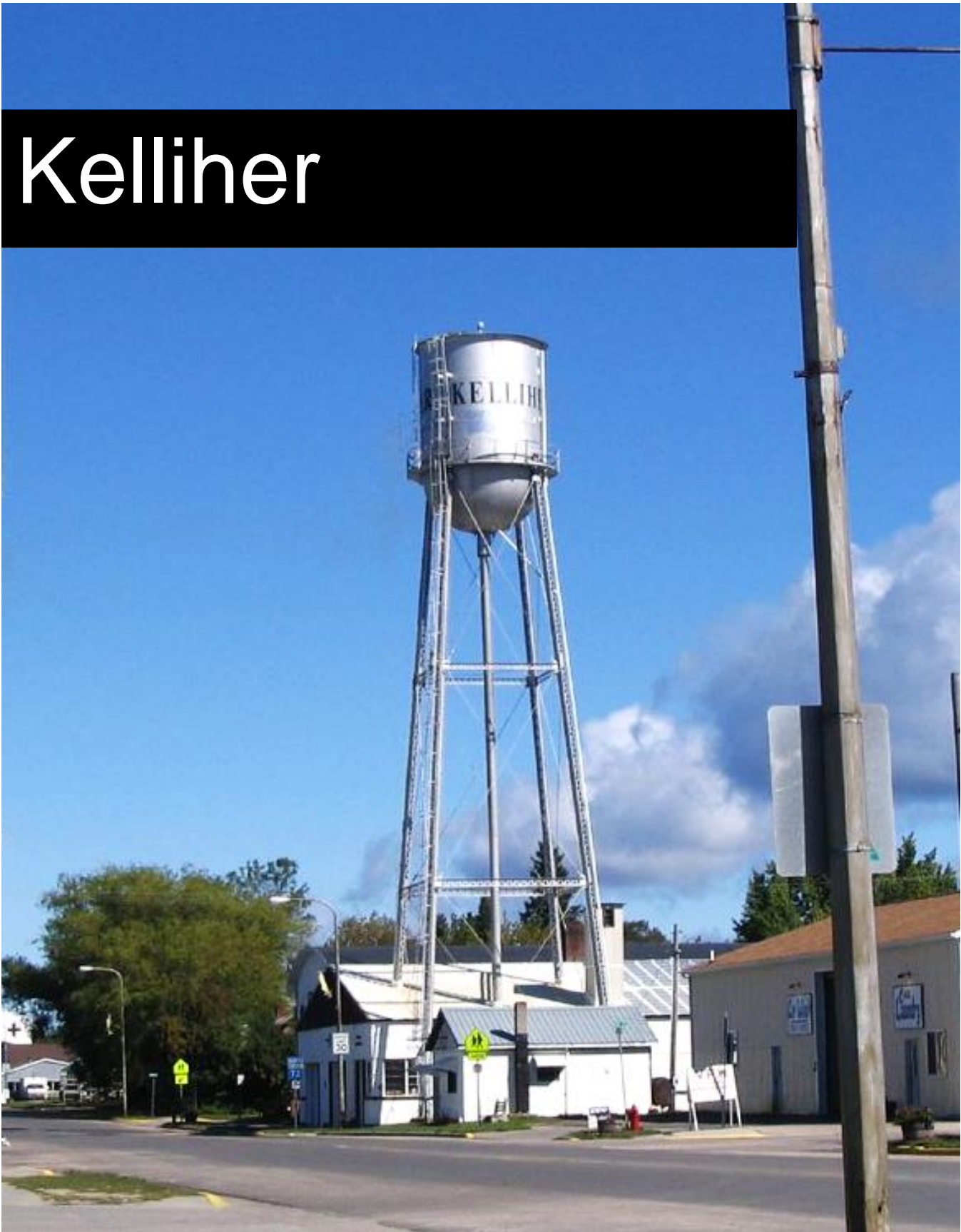
1. City owns and operates all facilities and is responsible for all maintenance expenses.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.



**Figure 4  
Blackduck BMP  
Alternatives**

- Storm Node
- ★ Storm Sewer Outlet
- ▲ End of Model (if different than outlet)
- ▽ Grassy slope
- ▶ Ditch/Channel
- City Limits
- Pond
- Forebay
- Underground Device
- StormSewer
- Watersheds
- National Wetland Inventory





# Kelliher

### III. Kelliher

#### A. Watersheds and Drainage Patterns

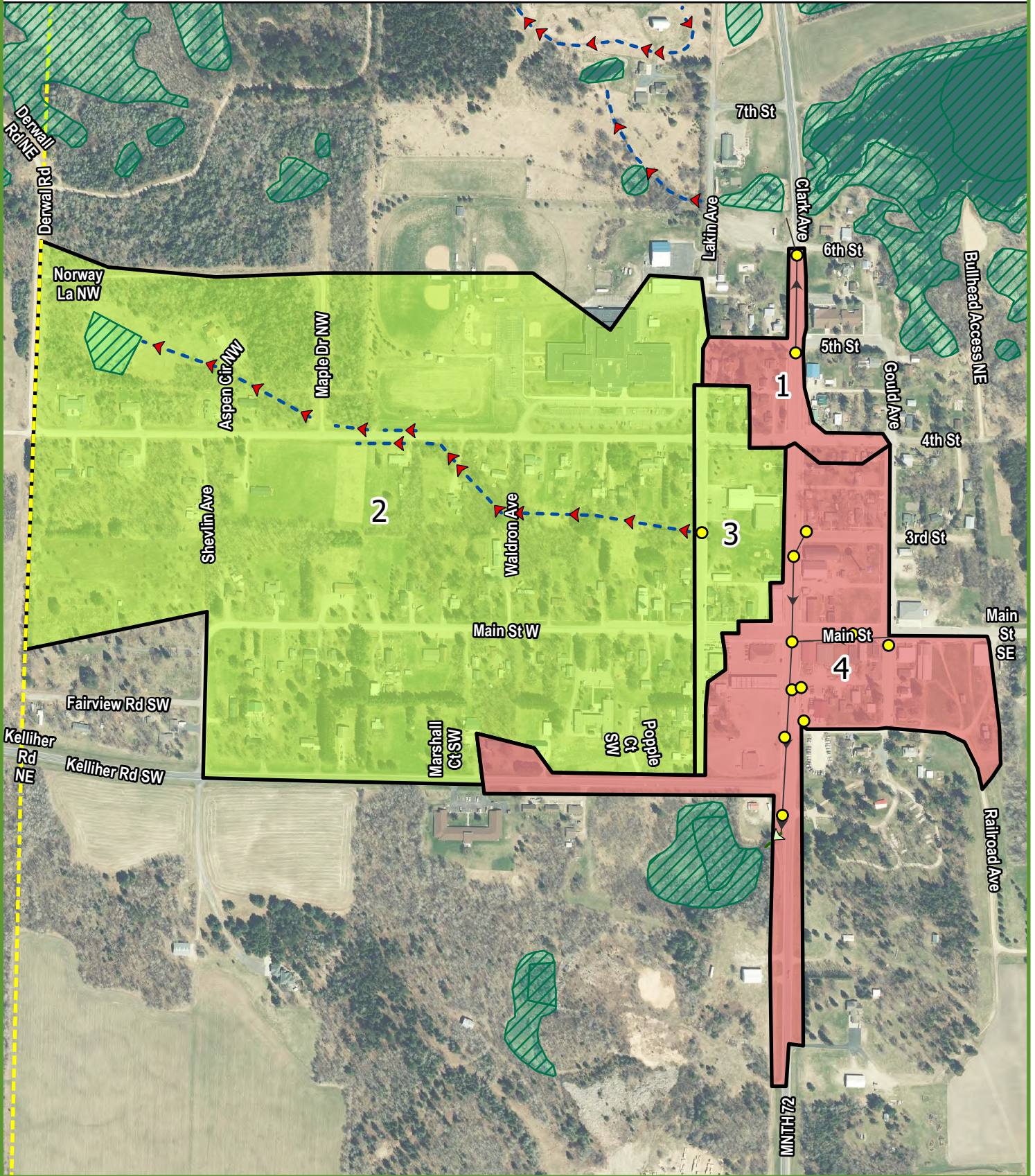
Kelliher is located directly southwest of Bullhead Lake, which does not have any impairments according to the MPCA. Both runoff from the City and flow from Bullhead Lake travel through multiple wetlands to connect to the South Branch Battle River. The river runs northwest all the way to Lower Red Lake (Figure 1). Kelliher was divided into four watersheds as shown in Figure 5 and described in Table 7. Storm sewer is primarily located along Clark Avenue.

**Table 7: Kelliher Existing Drainage Area Summary**

Watershed Number	Runoff Area [acres]	HSG	Targeted Watershed
1	4.4	D	Yes
2	109.3	D	No
3	7.7	D	Yes
4	24.7	D	Yes

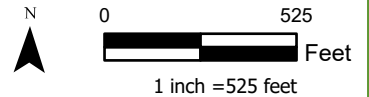
- Watershed 1: discharges to a 75-foot-long ditch NE of Clark Avenue N and 6th Street NE that flows to an NWI wetland. A culvert under Clark Avenue connects the system to a larger wetland on the east side of Clark Avenue.
- Watershed 2: drainage area to an NWI wetland east of Derwal Road NE and south of Norway Lane NW. Flow is mostly concentrated in a channel which starts west of Lakin Ave NW and runs west to the wetland.
- Watershed 3: discharges to the channel in Watershed 2.
- Watershed 4: outlets to a hillslope of an NWI wetland southwest of Clark Avenue S and Kelliher Road SW.

According to P8 modeling, Watershed 2 has an annual TSS removal efficiency above 50% and therefore was considered to have sufficient treatment.



**Figure 5**  
Kelliher Watershed  
Overview

- Storm Node
- ★ Storm Sewer Outlet
- ▲ End of Model (if different than outlet)
- - - Grassy slope
- - - Ditch/Channel
- StormSewer
- ▨ National Wetland Inventory
- Sufficient Treatment
- Target Watershed
- - - City Limits



## B. Watershed 1

Watershed 1 is primarily comprised of low-density residential parcels. The storm sewer outlet discharges to a ditch northwest of Clark Avenue N and 6<sup>th</sup> Street and enters a small NWI wetland. The system was modeled to this point (Figure 6). With the ditch treatment, the existing pollutant loading to the wetland is 400 lbs of TSS and 2.0 lbs of TP.

**Table 8: Kelliher Watershed 1 Retrofit BMP Annual Performance and Value**

Kelliher Watershed 1	Pollutant Removal Relative to Discharge Point				
	TSS		TP		Size Assumptions
	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
<b>Existing</b>	No existing treatment				
<b>Raingardens</b>	HSG D – Soils unsuitable for infiltration				
<b>Water Quality Basin</b>	Soils unsuitable for infiltration basin (HSG D) and already discharges into a pond				
<b>Forebay</b>	79%	563	65%	1.5	Surface area of 0.07 acres and depth of 1.5 ft
<b>Two SAFL Baffles</b>	60%	428	15%	0.3	

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb- TSS	\$/lb- TP
		Annual	Intermittent			
<b>Forebay</b>	\$114,450	\$65	\$790 (3-yr)	\$120,321	\$7.12	\$2,674
<b>Two SAFL Baffles</b>	\$138,000	\$2,020	N/A	\$172,761	\$13.46	\$16,692

Assumes:

1. City owns and operates all facilities and is responsible for all maintenance expenses.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.
4. Forebay
  - a. Inspected annually and dredged every 3 years.

### C. Watershed 4

Watershed 4 is the largest watershed with a storm sewer network in downtown Kelliher and is primarily made up of commercial land use. The trunkline runs south from 3<sup>rd</sup> Street along Clark Avenue S and outlets south of The Road Runner Drive Inn to an NWI wetland (Figure 6). The system was modeled to the end of the outlet pipe. The existing pollutant loading from the watershed is 10,056 lbs TSS and 32.4 lbs TP.

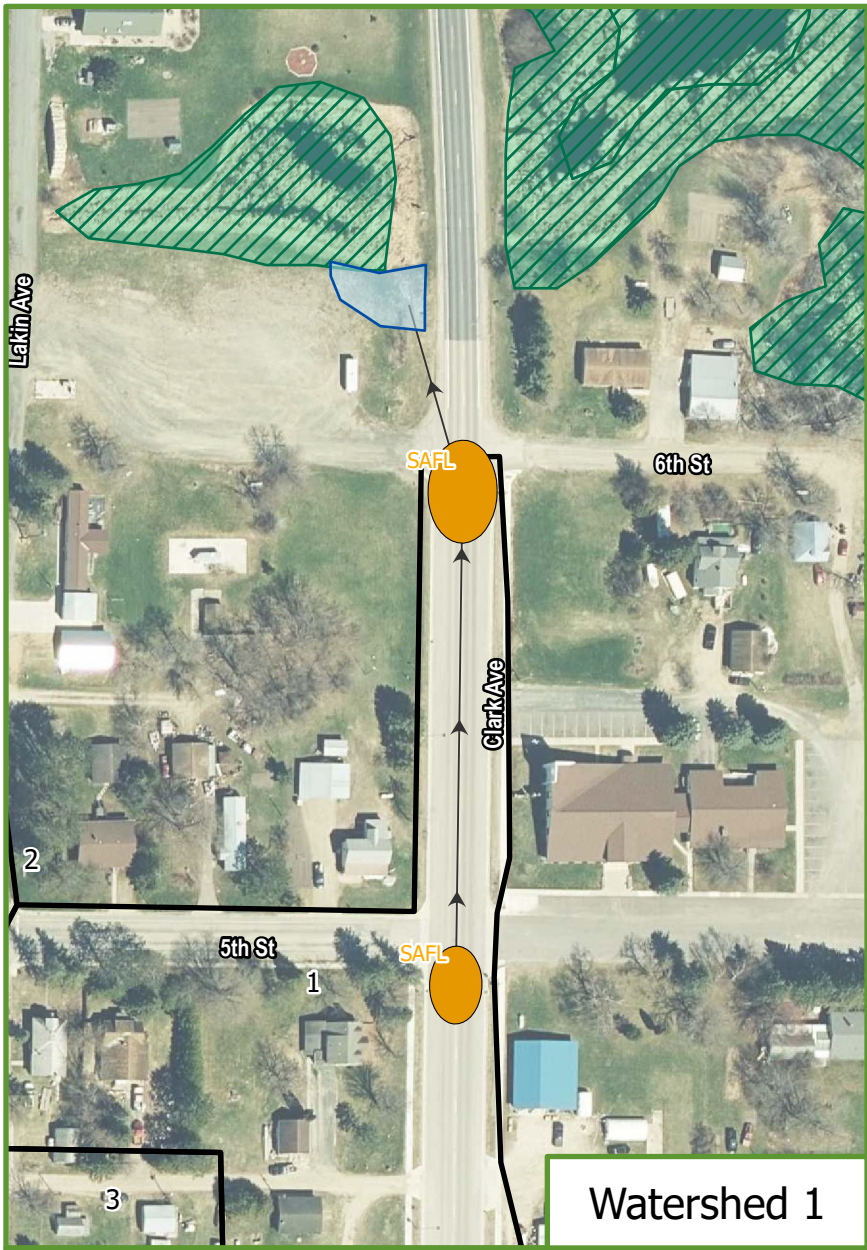
**Table 9: Kelliher Watershed 4 Retrofit BMP Annual Performance and Value**

Kelliher Watershed 4	Pollutant Removal Relative to Discharge Point				Size Assumptions
	TSS		TP		
Alternative	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
Existing	27%	2755	5%	1.7	
Raingardens	HSG D – Soils unsuitable for infiltration				
Water Quality Basin	Insufficient space – outlet is too close to wetland				
Forebay					
HDS	72%	5,315	16%	4.8	

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb- TSS	\$/lb- TP
		Annual	Intermittent			
HDS	\$300,000	\$2,280	N/A	\$341,934	\$2.14	\$2,375

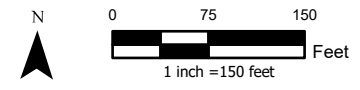
Assumes:

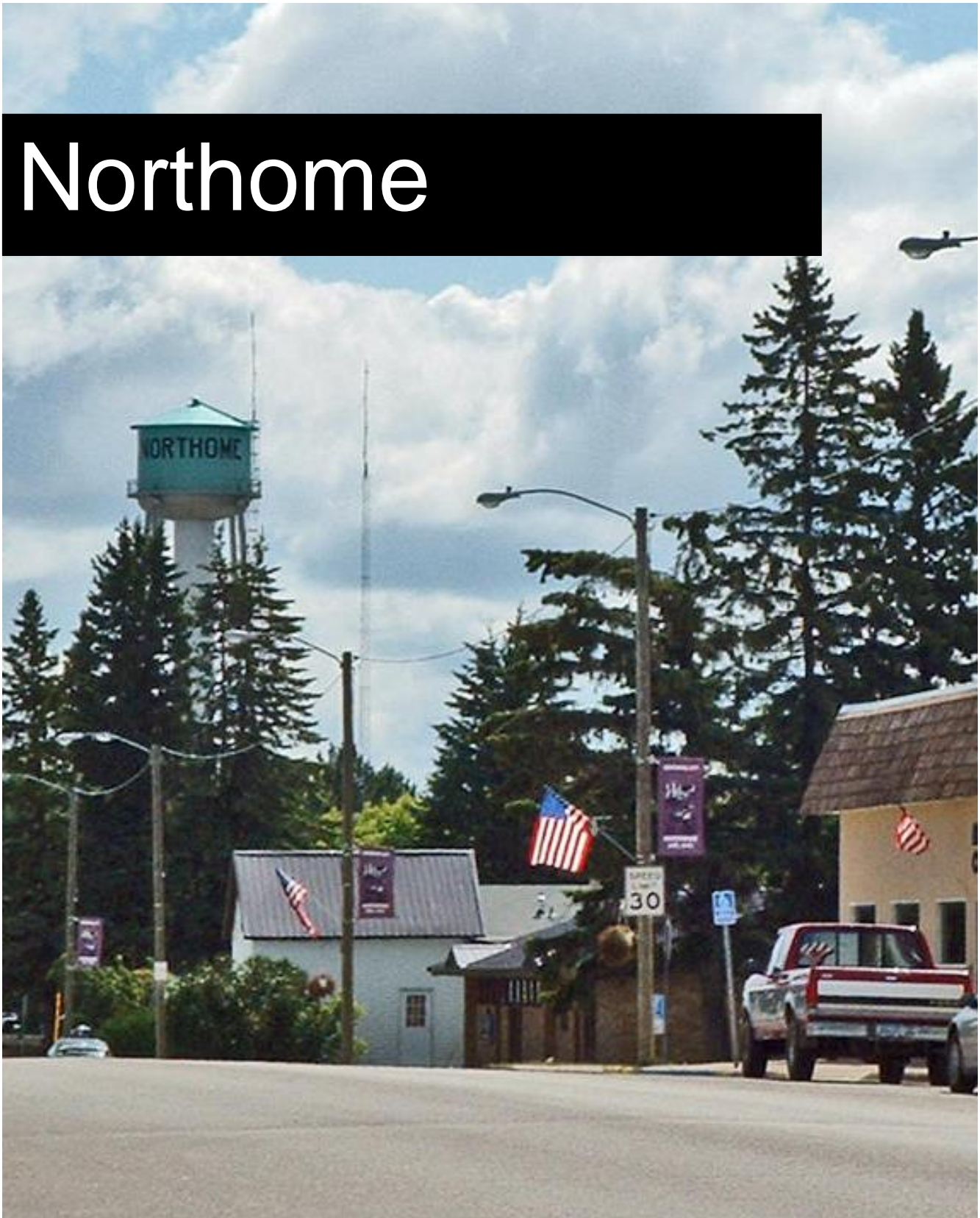
1. City owns and operates all facilities and is responsible for all maintenance expenses.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.



**Figure 6**  
Kelliher BMP  
Alternatives

- Storm Node
- Storm Sewer Outlet
- End of Model (if different than outlet)
- Grassy slope
- Ditch/Channel
- StormSewer
- National Wetland Inventory
- Watersheds
- City Limits
- Forebay
- Underground Device





## IV. Northome

### A. Watersheds and Drainage Patterns

The main developed area of Northome is located to the southwest of Bartlett Lake, which has a nutrient impairment according to the MPCA.

TH 1 (Main Street) pavement and storm sewer were reconstructed in 2019. This area is represented by Watershed 4 in Figure 7. The storm sewer outlet is located approximately 600 feet east of the intersection of TH 1 and 5<sup>th</sup> Street and discharges to a ditch that flows north to Bartlett Lake. Watershed 4 was assumed to have sufficient treatment because the outlet manhole has a sump depth of five feet.

MnDOT has plans to reconstruct TH 46 (2<sup>nd</sup> Street) between Jones Street and Minnesota Street, including upgrades to the storm sewer system. Concept plans for these improvements are included in Appendix B. Watersheds 1, 2, 3, and 5 have been updated to reflect the anticipated future conditions. All watersheds are summarized in Table 10 and displayed in Figure 7.

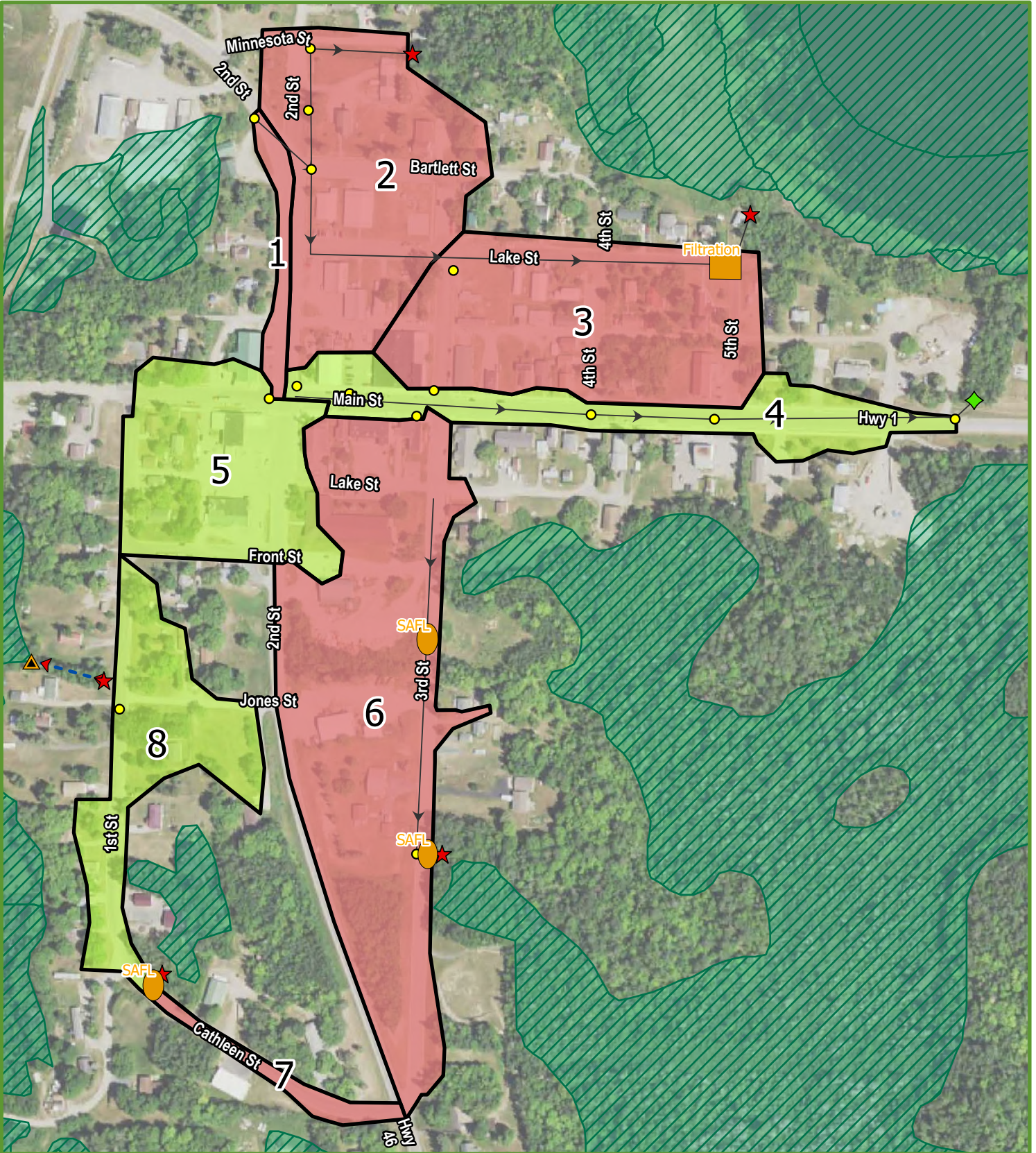
**Table 10: Northome Existing and Future Drainage Area Summary**

Watershed Number	Runoff Area [acres]	HSG	Targeted Watershed
1	0.7	D	Yes
2	7.1	D	Yes
3	7.6	D	Yes
4	3.6	D	No
5	5.0	D	No
6	11.6	D	Yes
7	0.6	D	Yes
8	4.0	D	No

- Watersheds 1, 2, & 3: storm sewer will be connected when road improvements are constructed. The storm sewer discharges to Bartlett Lake north of Lake Street and 5<sup>th</sup> Street.
- Watershed 4: storm sewer outlet is located approximately 600 feet east of the intersection of TH 1 and 5<sup>th</sup> Street and discharges to a ditch that flows north to Bartlett Lake.
- Watershed 5: future storm sewer will outlet south of Front Street, either on the west or east side of 2<sup>nd</sup> Street.
- Watershed 6: discharges directly to NWI wetlands east of 3<sup>rd</sup> Street.
- Watershed 7: storm sewer catch basins discharge directly to NWI wetlands located east of 1<sup>st</sup> Street and Cathleen Street.
- Watershed 8: storm sewer catch basins discharge to a 175-foot long ditch that flows west to NWI wetland. The ditch provides sufficient treatment (over 50% annual TSS removal).

Watershed 5 is planned to outlet to grassed low-lying areas, which is estimated by P8 to provide sufficient treatment. Additionally, based on the recent TH1 project it is possible that MnDOT will place a sumped manhole at the outlet of the new storm sewer system, which would provide further treatment.

Watershed 8 was modeled in P8 and had an annual TSS removal efficiency over 50% and therefore was considered to have sufficient treatment. Watersheds 1-3, 6 and 7 were evaluated for possible BMP retrofits.



**Figure 7**  
**Northome**  
**Watershed**  
**Overview and**  
**BMP Alternatives**

- Storm Node
- ★ Outfall
- ◆ Sumped MH Outfall
- ▲ End of Model (if different than Outlet)
- Storm Sewer
- ▶ Ditch/Channel

- Underground Device
  - National Wetland Inventory
- Watershed Priority**
- Sufficient Treatment
  - Target Watershed

N

0 325

1 inch = 325 feet

### B. Watersheds 1-3

When TH 46 is reconstructed, updated storm sewer north of TH 1 will connect to the existing 12-inch trunkline along Lake Street, which outlets to Bartlett Lake north of the intersection with 5<sup>th</sup> Street. Runoff from Watersheds 1, 2, and 3 will flow to that outlet. Land use in the watersheds is a mix of commercial and residential. The system was modeled to the end of the outlet pipe (Figure 7). Steep slopes in all three watersheds make raingardens infeasible.

Because Barlett Lake has a nutrient impairment, an underground filter device was evaluated instead of an HDS. A filter device is more effective at treating TP than an HDS, which primarily treats TSS. It should be noted that the outlet is next to a historic jailhouse, which may present construction challenges for an underground device in the green space.

**Table 11: Northome Watersheds 1-3 Retrofit BMP Annual Performance and Value**

Northome Watersheds 1-3	Pollutant Removal Relative to Discharge Point				Size Assumptions
	TSS		TP		
	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
Existing	No existing treatment				
Raingardens	Steep slopes & HSG D – Soils unsuitable for infiltration				
Water Quality Basin	Soils unsuitable for infiltration basin (HSG D) and insufficient space for retention pond				
Forebay	Insufficient space – outlet is too close to wetland				
Underground Filter Device	80%	4,344	60%	10.5	

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb- TSS	\$/lb- TP
		Annual	Intermittent			
Underground Filter Device	\$318,000	\$3,060	\$6,000 (4-yr)	\$385,837	\$2.96	\$1,225

Assumes:

1. City owns and operates all facilities and is responsible for all maintenance expenses.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.
4. Underground Filter Device
  - a. Includes a 72" SAFL Baffle as pretreatment to the underground filter device.
  - b. Filters should be removed and cleaned annually.
  - c. Filters should be replaced every 3-5 years.
  - d. A vactor truck is used annually to remove sediment from both devices.

**C. Watershed 6**

Watershed 6 is comprised of mostly low-density residential land use with storm sewer along 3<sup>rd</sup> Street. The storm sewer outlets directly to an NWI wetland east of 3<sup>rd</sup> Street without treatment. The system was modeled to the end of the outlet pipe. The existing pollutant loading from the watershed is 3,592 lbs TSS and 11.6 lbs TP.

**Table 12: Northome Watershed 6 Retrofit BMP Annual Performance and Value**

Northome Watershed 6	Pollutant Removal Relative to Discharge Point				
	TSS		TP		Size Assumptions
	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
Existing	No existing treatment				
Raingardens	Steep slopes & HSG D – Soils unsuitable for infiltration				
Water Quality Basin					
Forebay	Insufficient space – outlet is too close to wetland				
Two SAFL Baffles	60%	2,156	15%	1.7	SAFL Baffle or similar

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb- TSS	\$/lb- TP
		Annual	Intermittent			
Two SAFL Baffles	\$138,000	\$1,890	N/A	\$172,761	\$2.67	\$3,310

Assumes:

1. City owns and operates all facilities and is responsible for all maintenance expenses.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.

**D. Watershed 7**

Watershed 7 primarily represents Cathleen Street (Figure 7). The low-density residential area developed along the road is sloped away from the roadway. Catch basins on Cathleen Street discharge directly to an NWI wetland. Overflow from the wetland discharges to the southeast corner of the intersection of 1<sup>st</sup> Street and Jones Street. Based on P8 modeling, the annual pollutant loading from the watershed is 412 lbs TSS and 1.3 lbs TP.

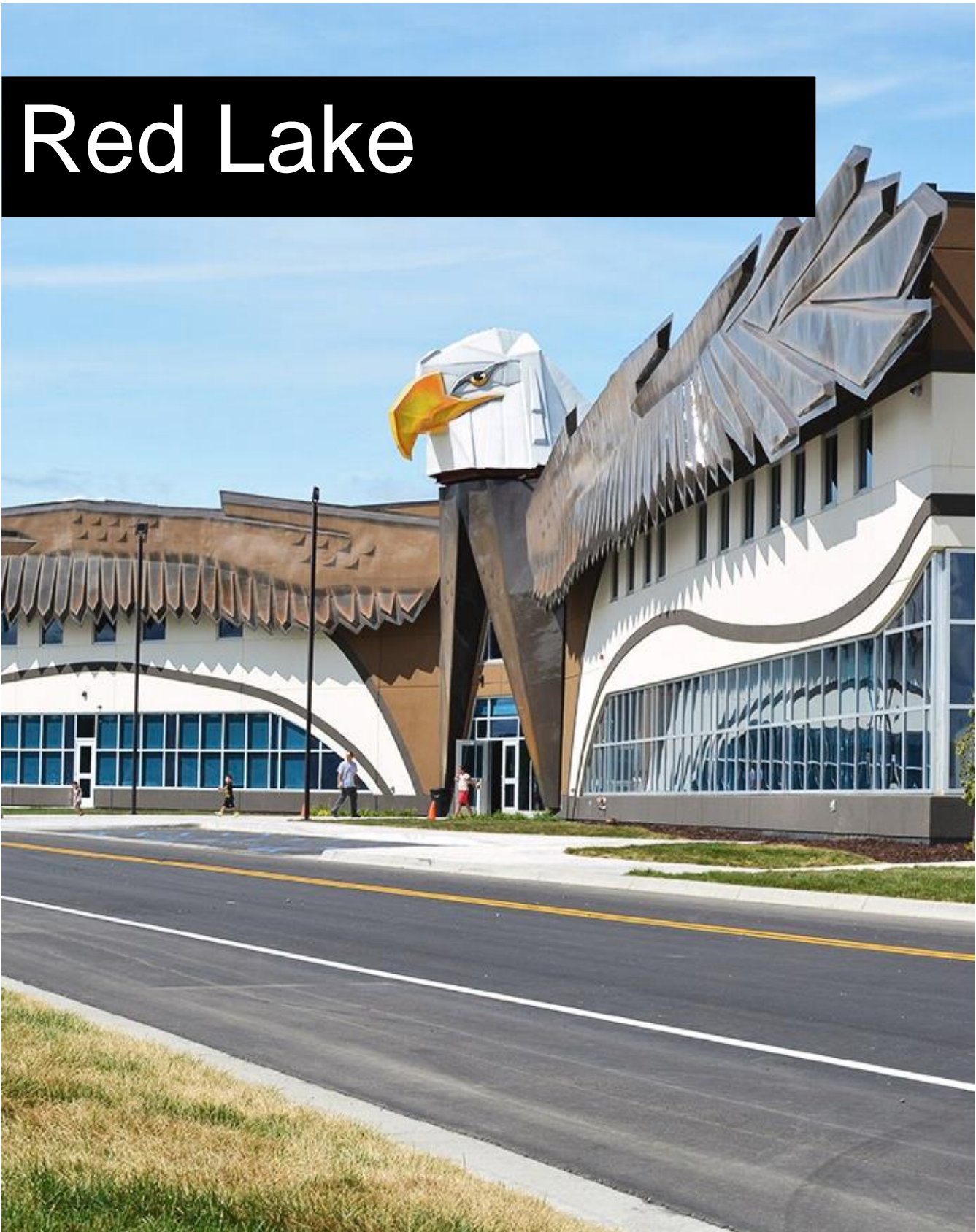
**Table 13: Northome Watershed 7 Retrofit BMP Annual Performance and Value**

Northome Watershed 7	Pollutant Removal Relative to Discharge Point				Size Assumptions
	TSS		TP		
Alternative	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
Existing	No existing treatment				
Raingardens	HSG D – Soils unsuitable for infiltration				
Water Quality Basin	Insufficient space – outlet is too close to wetland				
Forebay					
SAFL Baffle	78%	321	20%	0.3	SAFL Baffle or similar

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb- TSS	\$/lb- TP
		Annual	Intermittent			
SAFL Baffle	\$69,000	\$1,890	N/A	\$103,761	\$10.76	\$13,303

Assumes:

1. City owns and operates all facilities and is responsible for all maintenance expenses.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.



## V. Red Lake

### A. Watersheds and Drainage Patterns

The Red Lake community is the largest of those evaluated in this study. It is located along the southern shoreline of Lower Red Lake. Pike Creek runs through the center of the community and outlets to Lower Red Lake. The creek is impaired for TSS, dissolved oxygen, and benthic macroinvertebrates bioassessments according to the MPCA. Most of the community has drainage ditches which are routed to small lakes and wetlands. The focus of this analysis was on the developed areas near Lower Red Lake with storm sewer systems. Seven major watersheds were identified and outlined in Table 14 and Figure 8.

**Table 14: Red Lake Existing Drainage Area Summary**

Watershed Number	Runoff Area [acres]	HSG	Targeted Watershed
1	49.4	B & D	No
2	35.0	B & D	No
3	18.7	B & D	Yes
4	28.6	A & B	Yes
5	32.1	A & D	No
6	46.1	A & D	No
7	34.7	A & D	Yes

- Watershed 1: small drainage swale outlets to Lower Red Lake.
- Watershed 2: storm sewer from parking lot outlets to Lower Red Lake. Residential neighborhood runoff flows overland to Lower Red Lake.
- Watershed 3: storm sewer discharges directly to the lake north of Pike Creek Avenue N. The northernmost end of Pine Creek Avenue N was recently reconstructed to be a turnaround point, and Red Lake Family & Children Services was constructed to the east.
- Watershed 4: storm sewer discharges to the Pike Creek floodplain. Exact location unknown.
- Watershed 5: storm sewer is assumed to be directed to a stormwater basin east of the high school.
- Watershed 6: storm sewer is directed to stormwater basins designed at time of construction.
- Watershed 7: storm sewer discharges directly to an NWI wetland located northeast of North Street and Norway Drive.

The Red Lake Police Department is located in Watershed 1 and Red Lake Hospital is located in Watershed 2. Because both were recently developed, it was assumed that both have existing treatment. The residential neighborhood in Watershed 1 does not have storm sewer and has no constructible location for an effective BMP. The residential portion of Watershed 2 does have curb and gutter; however, runoff discharges through a residential property and does not connect to the storm sewer in Watershed 3.

No data was available for the stormwater basins in Watersheds 5 and 6. Because Watersheds 5 and 6 have stormwater basins, they are assumed to receive sufficient water quality treatment.

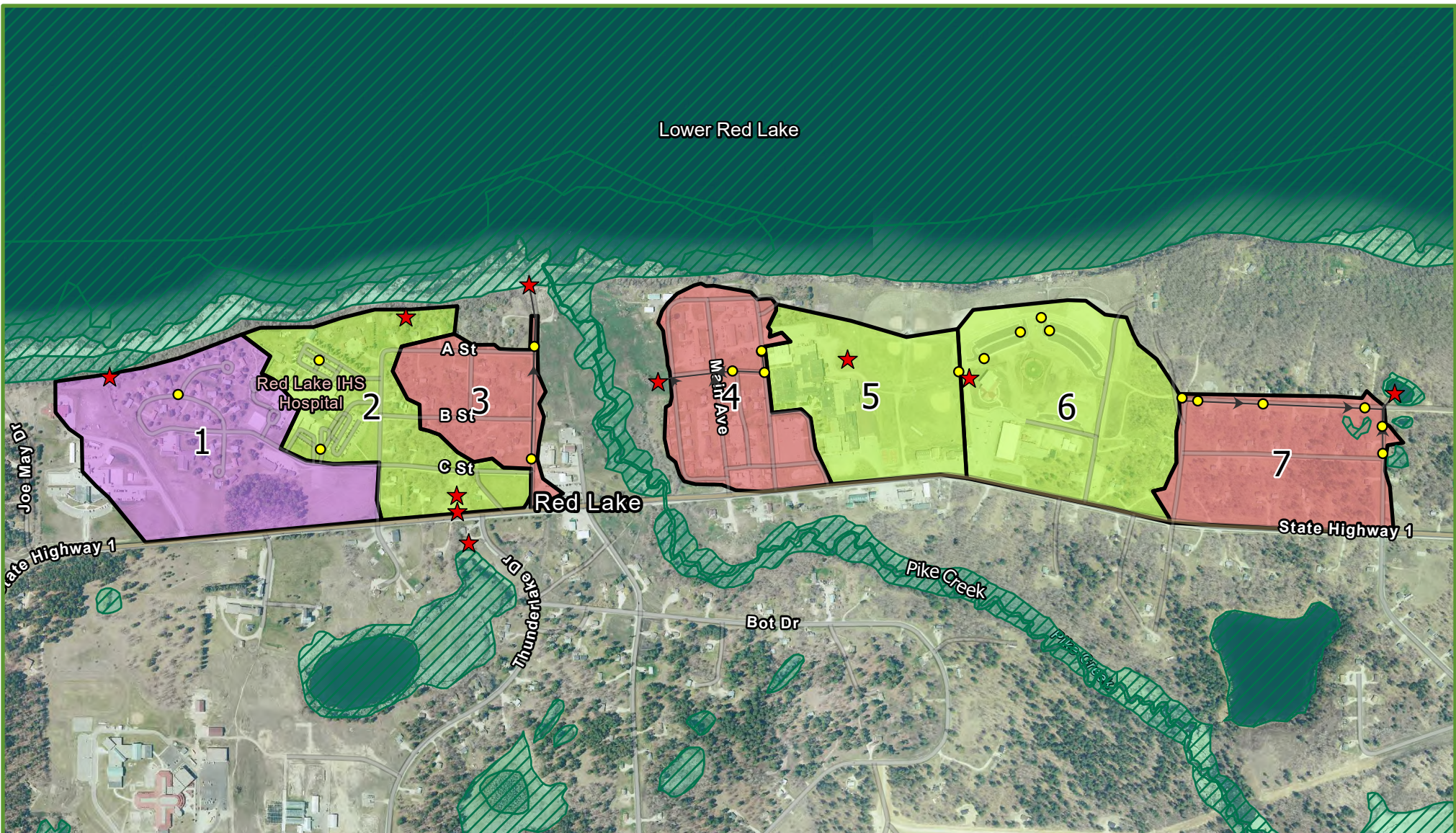
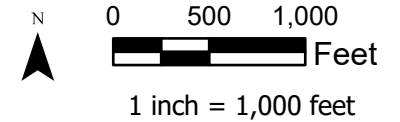


Figure 8  
Red Lake  
Watershed  
Overview

- Storm Node
- ★ Outfall
- StormSewer
- National Wetland Inventory

- Watershed Priority**
- Sufficient Treatment
  - Target Watershed
  - Treatment Infeasible



### B. Watershed 3

Watershed 3 is primarily residential with dirt driveways. Red Lake Family and Children Services was recently built along Pike Creek Ave N near the lake and the north end of Pike Creek Ave N was reconstructed (Figure 9). Raingarden placement in this watershed was restricted due to steep slopes along Lussier Road, Pike Creek Avenue, and A Street. No raingardens were placed in areas with HSG D soil. The existing loading from this watershed is estimated to be 9,997 lbs of TSS and 32.7 lbs of TP.

**Table 15: Red Lake Watershed 3 Retrofit BMP Annual Performance and Value**

Red Lake Watershed 3	Pollutant Removal Relative to Discharge Point				
	TSS		TP		Size Assumptions
	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
Existing	No existing treatment				
Raingardens	58%	1,283	38%	2.8	6 raingardens, 150 ft <sup>2</sup> and 1 ft deep
Water Quality Basin	Constructability concerns				
Forebay	Insufficient space – outlet is too close to lake/wetland				
HDS	80%	1,478	20%	1.2	

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb- TSS	\$/lb- TP
		Annual	Intermittent			
Raingardens	\$73,473	\$900	\$3,600	\$101,091	\$2.62	\$1,203
HDS	\$300,000	\$2,280	N/A	\$341,934	\$6.42	\$7,701

**Assumes:**

1. City owns and operates all facilities.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.
4. Raingardens
  - a. Weeds, sand, and debris removed annually and mulch reapplied every 5-years.

### C. Watershed 4

Watershed 4 contains homes and office buildings, including both Red Lake DNR and Red Lake Tribal Engineering. There is storm sewer along 3<sup>rd</sup> Street NE that outlets to Pike Creek approximately 1,000 feet upstream of the creek outlet to Red Lake (Figure 9). Due to snow, the exact outlet location could not be identified during the field visit in December. Pike Creek is impaired by TSS, therefore sediment removal is the priority for this watershed. The existing annual pollutant loading from the watershed is 11,717 lbs TSS and 37.7 lbs TP.

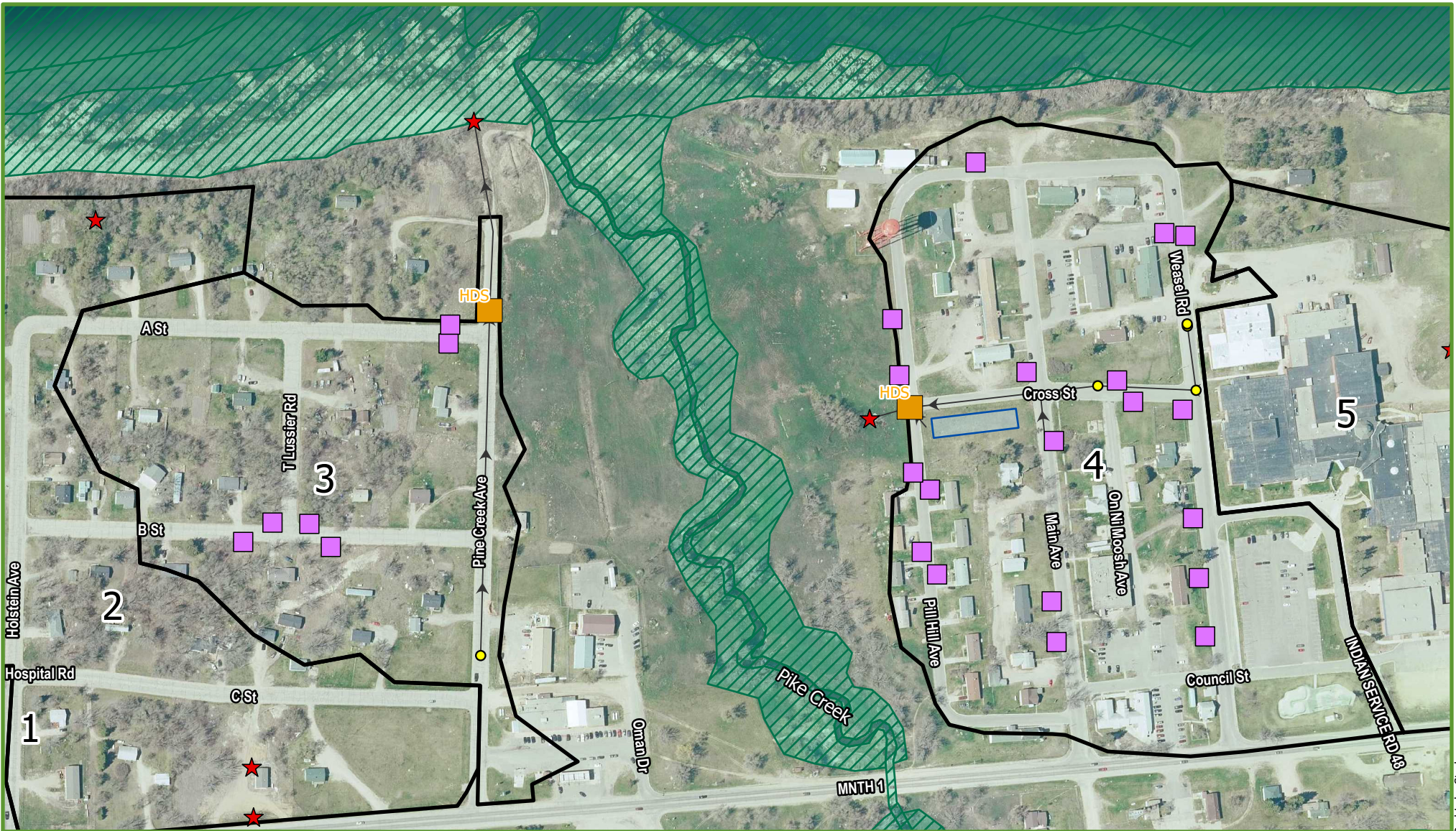
**Table 16: Red Lake Watershed 4 Retrofit BMP Annual Performance and Value**

Red Lake Watershed 4	Pollutant Removal Relative to Discharge Point				
	TSS		TP		Size Assumptions
Alternative	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
Existing	No existing treatment				
Raingardens	51%	5,923	28%	10.5	19 raingardens, 150 ft <sup>2</sup> and 1 ft deep
Infiltration Basin	94%	6,887	86%	20.1	Surface area of 0.21 acres and depth of 1.5 ft
Forebay	Hillside slopes are too steep				
HDS	80%	9,374	20%	7.5	

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb- TSS	\$/lb- TP
		Annual	Intermittent			
Raingardens	\$232,666	\$2,850	\$11,400 (5-yr)	\$320,121	\$1.80	\$1,016
Infiltration Basin	\$139,700	\$65	\$1,110 (3-yr)	\$147,070	\$0.71	\$244
HDS	\$300,000	\$2,280	N/A	\$341,934	\$1.22	\$1,512

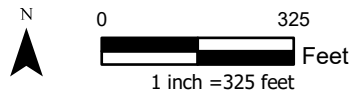
Assumes:

1. City owns and operates all facilities.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.
4. Raingardens
  - a. Weeds, sand, and debris removed annually and mulched reapplied every 5-years.
5. Infiltration Basin
  - a. Seeding and planting completed by contractor (seed mix).
  - b. Includes forebay with concrete bottom that is 10% of the total footprint.
  - c. Inspected annually and forebay is dredged every 3-years.



**Figure 9**  
**Red Lake**  
**Watersheds 3 and 4**  
**BMP Alternatives**

- Storm Node
- Outfall
- StormSewer
- Raingardens
- Infiltration Basin
- Underground Device
- National Wetland Inventory
- Watersheds



### D. Watershed 7

Watershed 7 is a neighborhood with dirt driveways and curb and gutter. There is storm sewer along North Street and Norway Drive that combine where the streets intersect and outlet to an NWI wetland without treatment (Figure 10). About two-thirds of Watershed 7 is HSG D and one-third is HSG A. Raingardens were only placed where there is expected to be HSG A soil according to the NRCS Web Soil Survey. Based on P8 modeling, the pollutant loading from the watershed is 4,818 lbs TSS and 16 lbs TP.

**Table 17: Red Lake Watershed 7 Retrofit BMP Annual Performance and Value**

Red Lake Watershed 7	Pollutant Removal Relative to Discharge Point				Size Assumptions
	TSS		TP		
Alternative	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
Existing	No existing treatment				
Raingardens	53%	2,555	33%	5.3	25 raingardens, 150 ft <sup>2</sup> and 1 ft deep
Water Quality Basin	Insufficient space – outlet is too close to wetland				
Forebay					
HDS	80%	3,268	20%	2.7	

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb- TSS	\$/lb- TP
		Annual	Intermittent			
Raingardens	\$134,701	\$1,650	\$6,600 (5-yr)	\$185,333	\$2.42	\$1,166
HDS	\$300,000	\$2,280	N/A	\$341,934	\$2.96	\$3,562

Assumes:

1. City owns and operates all facilities.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.
4. Raingardens
  - a. Weeds, sand, and debris removed annually and mulched reapplied every 5-years.

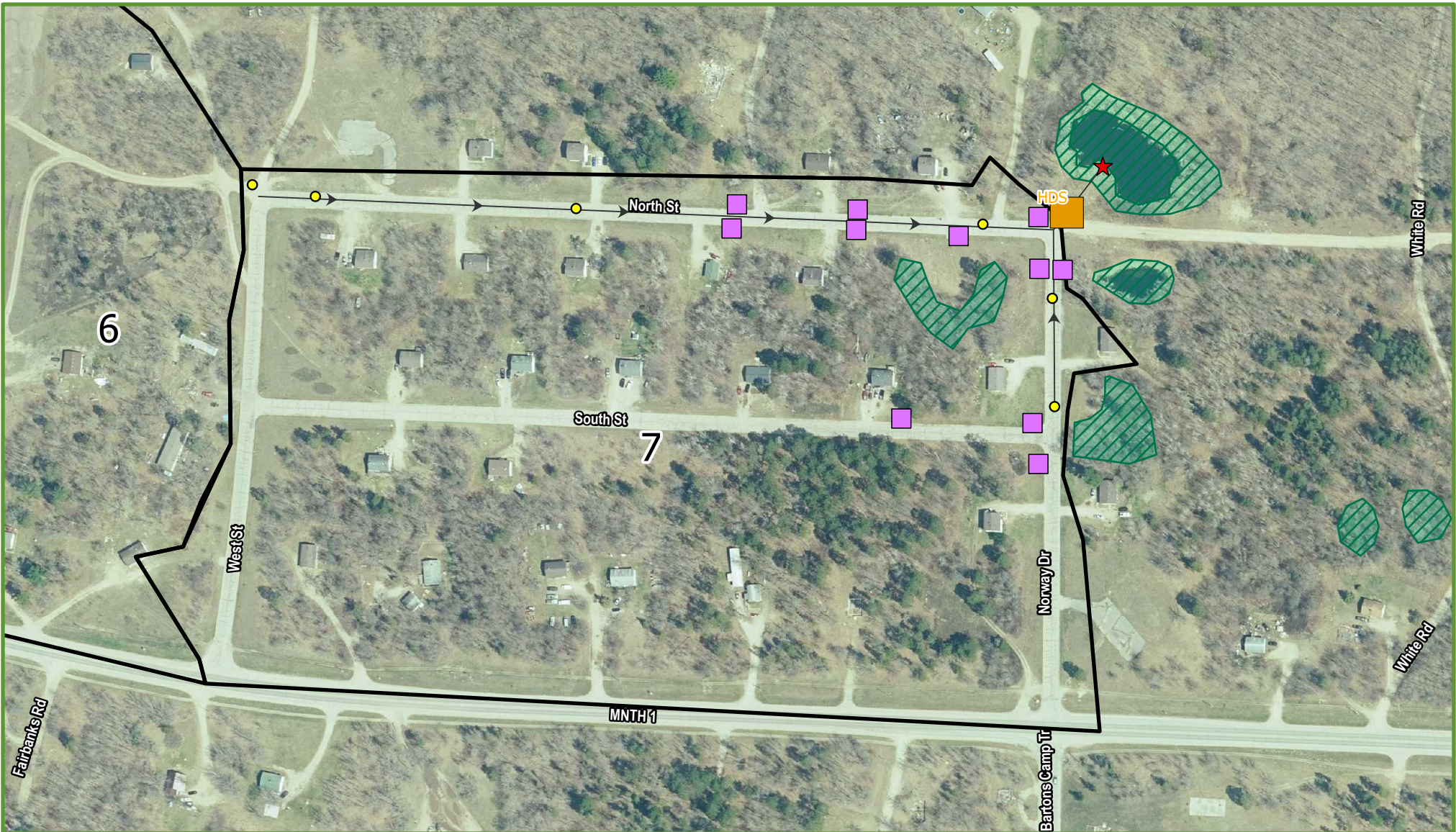
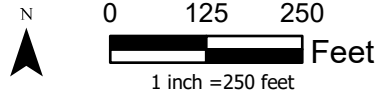


Figure 10  
 Red Lake  
 Watershed 7 BMP  
 Alternatives

- Storm Node
- ★ Outfall
- StormSewer
- Raingardens
- Infiltration Basin

- Underground Device
- National Wetland Inventory
- Watersheds



# Redby



## VI. Redby

### A. Watersheds and Drainage Patterns

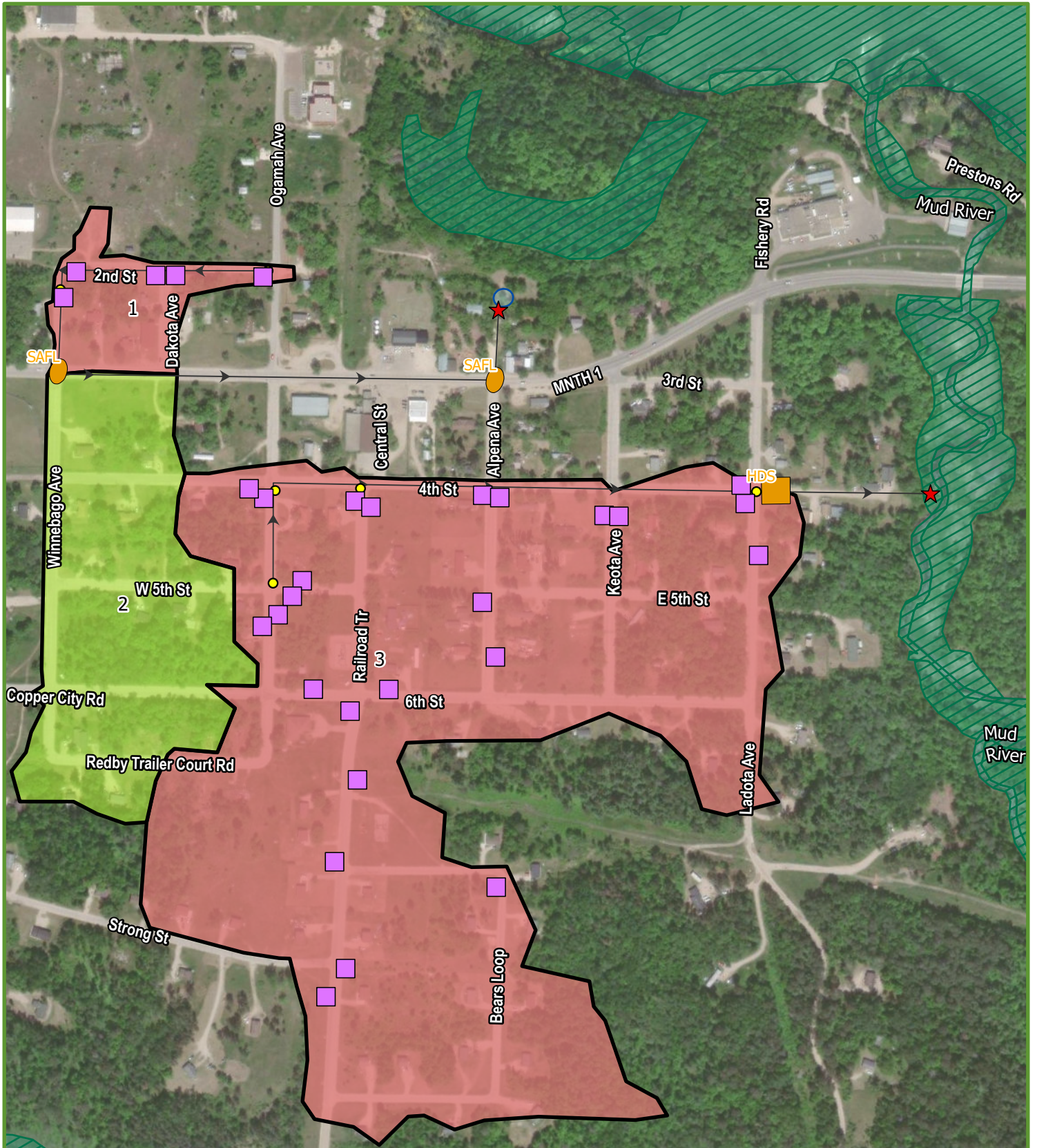
Redby is located along the southern shoreline of Lower Red Lake, east of the City of Red Lake. The most densely developed portion of Redby is primarily comprised of residential land use. Mud River is just east of downtown and has impairments of TSS and E. coli according to the MPCA. Three watersheds were delineated in areas with curb and gutter and are summarized in Table 18 and Figure 11.

**Table 18: Redby Existing Drainage Area Summary**

Watershed Number	Runoff Area [acres]	HSG	Targeted Watershed
1	4.9	A & B	Yes
2	18.6	A & B	No
3	71.4	A, B, & D	Yes

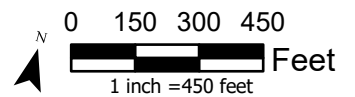
- Watershed 1: storm sewer trunkline runs along State Highway 1 and discharges north of Alpha Avenue to a grassy/forested area which drains to a wetland and then to Lower Red Lake.
- Watershed 2: there is a low spot at the southeast corner of State Highway 1 and Winnebago Avenue where runoff is directed to a grassy area by a concrete valley gutter. There is no direct route to storm sewer, so all runoff is contained within the watershed.
- Watershed 3: storm sewer trunkline runs along 4<sup>th</sup> Street and outlets to Mud River.

Runoff from Watershed 2 is entirely contained within the watershed and does not discharge to any NWI wetlands, therefore was not considered for any BMP retrofits.



**Figure 11**  
**Redby Watershed**  
**Overview and BMP**  
**Alternatives**

- Storm Node
- ★ Outfall
- Target Watershed
- Sufficient Treatment
- StormSewer
- Raingardens
- Infiltration Basin
- Underground Device
- National Wetland Inventory



## B. Watershed 1

Watershed 1 is a small residential area north of State Highway 1 with dirt driveways and paved roadways. The main storm sewer trunkline runs east along State Highway 1 and discharges north of the intersection with Alpena Avenue. Due to snow, the exact outlet location could not be identified during the field visit in December. A location was assumed based on information from Red Lake Tribal Engineering. The existing pollutant loading from this watershed is 2,104 lbs TSS and 7 lbs TP.

**Table 19: Redby Watershed 1 Retrofit BMP Annual Performance and Value**

Redby Watershed 1	Pollutant Removal Relative to Discharge Point				
	TSS		TP		Size Assumptions
	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
Existing	No existing treatment				
Raingardens	88%	377	79%	1.1	15 raingardens, 150 ft <sup>2</sup> and 1 ft deep
Infiltration Basin	99%	421	100%	1.4	Surface area of 0.07 acres and depth of 3 ft
Forebay	Not necessary, infiltration preferred				
Two SAFL Baffles	60%	256	15%	0.2	

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb-TSS	\$/lb- TP
		Annual	Intermittent			
Raingardens	\$61,228	\$750	\$3,000 (5-yr)	\$84,242	\$6.01	\$2,160
Infiltration Basin	\$48,900	\$65	\$788 (3-yr)	\$54,764	\$3.50	\$1,074
Two SAFL Baffles	\$138,000	\$1,890	N/A	\$172,761	\$18.35	\$22,583

Assumes:

1. Removal efficiency is the net annual removal divided by the net loading to the site.
2. City owns and operates all facilities.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.
4. Raingardens
  - a. Weeds, sand, and debris removed annually and mulched reapplied every 5-years.
5. Infiltration Basin
  - a. Seeding and planting completed by contractor (seed mix).
  - b. Includes forebay with concrete bottom that is 10% of the total footprint.
  - c. Inspected annually and forebay is dredged every 3-years.

### C. Watershed 3

Watershed 3 is comprised of residential and park space in downtown Redby with dirt driveways and paved roadways. The storm sewer outlets directly to Mud River, approximately 1,500 feet upstream of Lower Red Lake. Mud River has a TSS impairment, therefore sediment removal is a priority for this watershed. Most of the watershed is HSG type A or B, but there is HSG D near 5<sup>th</sup> Street E and 6<sup>th</sup> Street. No raingardens are recommended in HSG D areas. Based on P8 modeling, the pollutant loading from this watershed is 7,959 lbs TSS and 26.5 lbs TP.

**Table 20: Redby Watershed 3 Retrofit BMP Annual Performance and Value**

Redby Watershed 3	Pollutant Removal Relative to Discharge Point				
	TSS		TP		Size Assumptions
	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
Existing	No existing treatment				
Raingardens	63%	4,121	43%	9.3	25 raingardens, 150 ft <sup>2</sup> and 1 ft deep
Water Quality Basin	No convenient location				
Forebay	Insufficient space – outlet is too close to wetland/river				
HDS	80%	5,206	20%	4.4	

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb- TSS	\$/lb- TP
		Annual	Intermittent			
Raingardens	\$306,139	\$3,750	\$15,000 (5-yr)	\$421,212	\$2.75	\$1,210
HDS	\$300,000	\$2,280	N/A	\$341,934	\$1.79	\$2,151

Assumes:

1. City owns and operates all facilities.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.
4. Raingardens
  - a. Weeds, sand, and debris removed annually and mulched reapplied every 5-years.



# Ponemah



## VII. Ponemah

### A. Watersheds and Drainage Patterns

The City of Ponemah is located along the north shoreline of Lower Red Lake. The most densely developed area is between N Ponemah Road and the lakeshore, which is comprised of mostly residential land use with curb and gutter. The residential development north of N Ponemah Road is less dense and has a roadside ditch network instead of curb and gutter. It was assumed these roadside ditches provide sufficient stormwater treatment. There are also ditches alongside N Ponemah Road which feed into a channel and crosses under Lake Drive to Lower Red Lake. There are no impairments in this area according to the MPCA. Four watersheds were delineated in areas with curb and gutter and are summarized in Table 21 and Figure 12.

**Table 21: Ponemah Existing Drainage Area Summary**

Watershed Number	Runoff Area [acres]	HSG	Targeted Watershed
1	7.6	A	Yes
2	32.0	A	Yes
3	7.5	A	Yes
4	14.4	A	No

- Watersheds 1-3: storm sewer network that outlets south of Indian Service Road. Exact location unknown.
- Watershed 4: storm sewer outlets directly to a small basin.

P8 modeling of the basin in Watershed 4 estimates an existing annual TSS removal efficiency greater than 50%, therefore it was not evaluated for BMP retrofit opportunities.

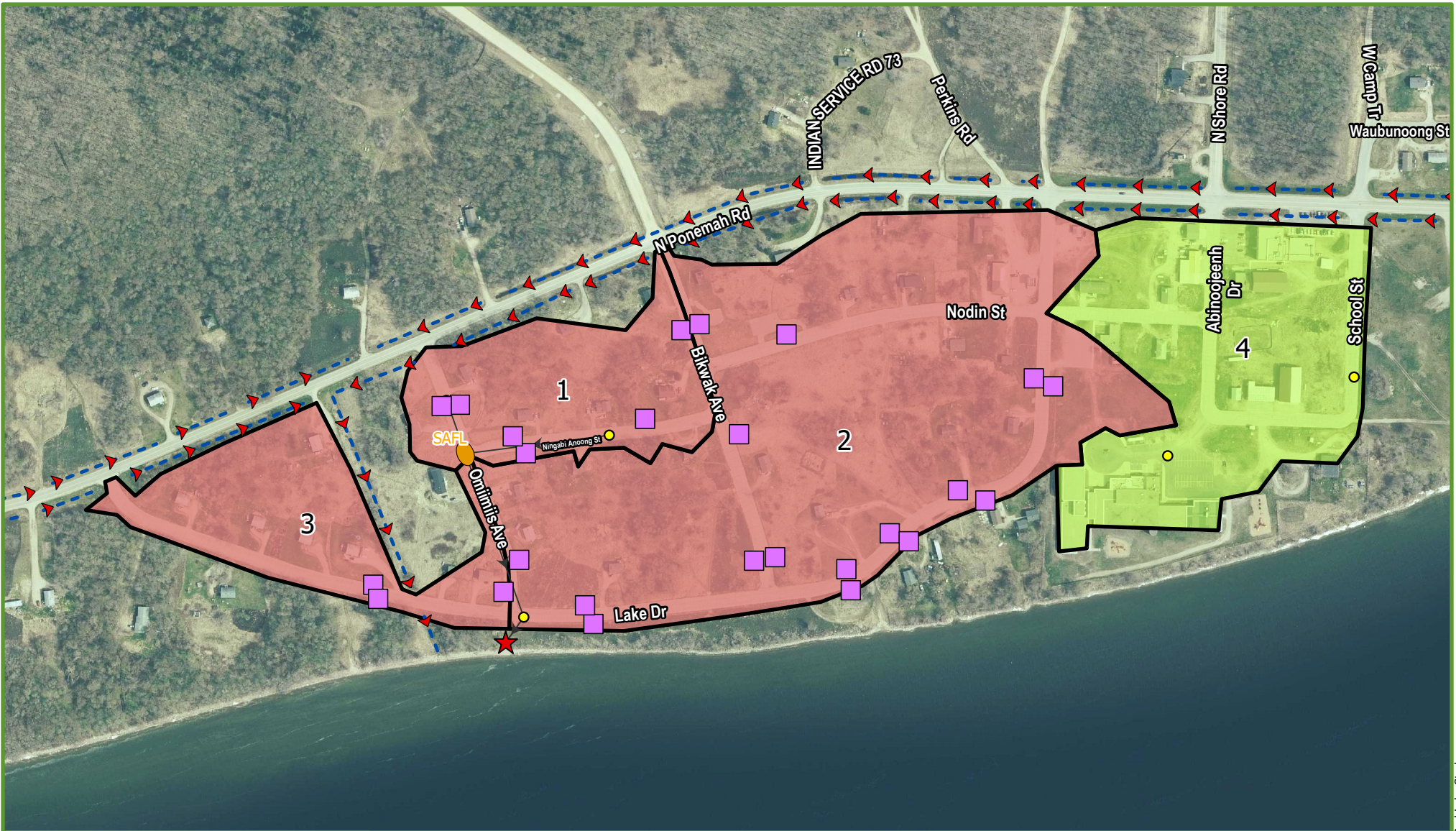









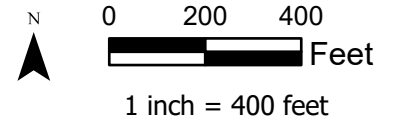


Figure 12  
 Ponemah Watershed  
 Overview and BMP  
 Alternatives

- |   |  |
|---|--|
|  Raingardens   |  Underground Device   |
|  Grassy slope  |  StormSewer           |
|  Ditch/Channel | <b>Watershed Priority</b>  |
|  Storm Node    |  Sufficient Treatment |
|  Outfall       |  Target Watershed     |



**B. Watersheds 1-3**

Watersheds 1, 2, and 3 contain low density residential lots with dirt driveways. A ditch crosses under Indian Services Road 70 that conveys the flow from N Ponemah Road roadside ditches to Lower Red Lake. It is unclear if the storm sewer for Watersheds 1, 2, and 3 discharges into this ditch or directly to Lower Red Lake. The groundwater near the storm sewer outlet is most likely too high to install an underground device based on LiDAR elevations. The most feasible location for an underground device is at the end of Watershed 1. Watershed 1 is 7.6 acres and therefore should require two SAFL Baffles, however only one was used because there is only one constructable location. The existing annual loading from Watershed 1 is 778 lbs TSS and 2.5 lbs TP, and the total existing annual loading from Watersheds 1, 2, and 3 is 6,014 lbs TSS and 19.5 lbs TP.

**Table 22: Ponemah Watersheds 1-3 Retrofit BMP Annual Performance and Value**

Ponemah Watersheds 1-3	Pollutant Removal Relative to Discharge Point				
	TSS		TP		Size Assumptions
	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]	
<b>Existing</b>	No existing treatment				
<b>Raingardens</b>	72%	4,356	54%	10.9	25 raingardens, 150 ft <sup>2</sup> and 1 ft deep
<b>Water Quality Basin</b>	Constructability concerns				
<b>Forebay</b>	Insufficient space – outlet is too close to wetland/river				
<b>SAFL Baffle</b>	35%	350	5%	0.1	Only treats Watershed 1

	Construction Cost	Maintenance Cost		Present Day Value	\$/lb- TSS	\$/lb- TP
		Annual	Intermittent			
<b>Raingardens</b>	\$306,139	\$3,750	\$15,000 (5-yr)	\$421,212	\$3.22	\$1,337
<b>SAFL Baffle</b>	\$69,000	\$1,890	N/A	\$103,761	\$12.70	\$27,670

Assumes:

1. City owns and operates all facilities.
2. Removal efficiency is the net annual removal divided by the net loading to the site.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.
4. Raingardens
  - a. Weeds, sand, and debris removed annually and mulched reapplied every 5-years.

# Little Rock



## VIII. Little Rock

### A. Watersheds and Drainage Patterns

Little Rock is located along the southern shoreline of Lower Red Lake, west of the City of Red Lake. It is the smallest community evaluated in this study. The small area of development is mostly made up of homes off State Highway 1. All drainage systems are roadside ditches and there is no curb and gutter in the community. Little Rock Creek flows south to north through Little Rock and under State Highway 1 to Lower Red Lake. It is fed by a chain of small lakes, none of which are impaired according to the MPCA. Watersheds draining to Little Rock Creek were the focus of this analysis because it is the only source of concentrated flow to Lower Red Lake. The drainage area shown in **Figure 13** was modeled in P8 and routed through the total length of its roadside ditches in order to estimate the pollutant loading to the creek. The watershed characteristics are given in Table 23 below. The existing annual loading to Little Rock Creek according to the P8 model is 1,754 lbs TSS and 10.7 lbs TP.

**Table 23: Little Rock Existing Drainage Area Summary**

Watershed Number	Runoff Area [acres]	HSG	Targeted Watershed
1	74.1	A & D	No

**Table 24: Little Rock Watershed 1 Existing Removals**

Little Rock Watershed 1	Pollutant Removal Relative to Discharge Point			
	TSS		TP	
Alternative	Removal Efficiency [%]	Annual Removal [lb/yr]	Removal Efficiency [%]	Annual Removal [lb/yr]
Existing	54%	2,072	21%	2.8

Because the existing system does not have curb and gutter, removes more than 50% of annual TSS, and does not discharge to any impaired waters, no BMPs were evaluated.

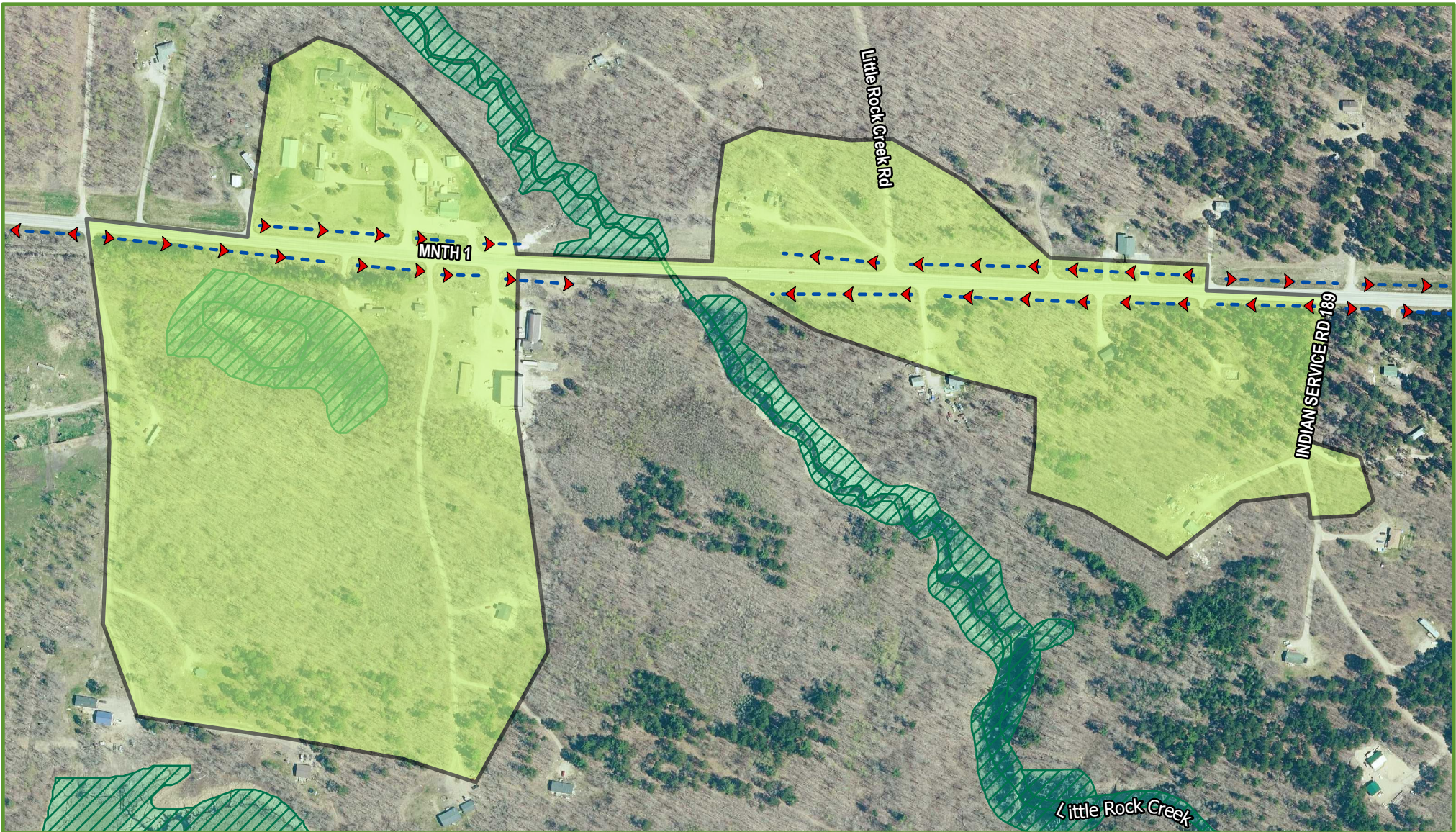



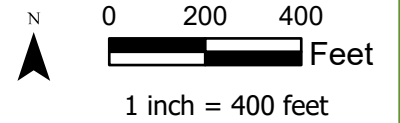


Figure 13  
Little Rock  
Watershed Overview

-  Ditch/Channel
-  Watersheds
-  National Wetland Inventory



## IX. Non-Structural Best Management Practices

Structural best management practices are designed to treat polluted stormwater, while non-structural BMPs are practices that could prevent stormwater from becoming polluted in the first place. An identified source of pollution from Red Lake, Redby, and Ponemah is the sediment from residential gravel driveways. Residential areas in these communities with curb and gutter have a large amount of sediment in the curblines, seemingly due to dirt driveways that are connected to paved roadways (Figure 14). Sediment is tracked onto the road from vehicles, wind, and washouts and then accumulates in the curblines and is carried to storm sewer inlets (Figure 15).



**Figure 14: Sediment loading onto A Street from driveway in Red Lake.**



**Figure 15: Sediment accumulation in the curblines of 6<sup>th</sup> Street in Redby.**

The most common non-structural BMP is street sweeping. Vacuum street sweepers are more effective at reducing TP loads to water resources than TSS. A precise phosphorus removal rate cannot be estimated for street sweeping without information about the chemical make-up of the pollutants collected and the frequency of the sweeping. Areas with high tree canopy cover produce more TP and therefore have more opportunities for removal. This study did not assess tree cover; however spreadsheets and tools to estimate TP removals are provided by the Minnesota Stormwater Manual.

Another consideration with street sweeping is the disposal of the collected materials. The material does not have to be tested, but it should be screened and categorized as either trash, solid waste, organic debris, or sediment. Trash should be sent to the landfill, solid waste should be disposed of at a

permitted solid waste facility, organic material may be composted, and sediment can be reused as commercial or industrial fill material, aggregate for concrete or asphalt, winter salt/sand mixture, and various other ways. More guidance can be found in the Minnesota Stormwater Manual.

Other forms of non-structural BMPs that could be considered are stream stabilization, smart salt application, and maintaining and repairing existing curb, gutter, and storm sewer infrastructure. Additionally, public education about specific stormwater pollution issues and illicit discharge recognition can be used to bring awareness to the community.

## X. Recommendations

A total of 14 watersheds were evaluated for structural BMP retrofit opportunities within the seven communities studied in this report, and 25 alternatives were identified. The alternatives were compared according to the criterion listed below, in order of highest to lowest priority.

- 1) The watershed discharges directly to TSS impaired waters.
  - Sorted by lowest to highest cost per pound of TSS removal.
- 2) The watershed discharges directly to nutrient impaired waters
  - Sorted by lowest to highest cost per pound of TP removal.
- 3) The watershed discharges to a body of water which will eventually flow to a nutrient impaired waterbody.
  - Sorted by lowest to highest cost per pound of TP removal.
- 4) The watershed runoff never flows to an impaired waterbody.
  - Sorted by lowest to highest cost per pound of removal of TSS.

The highest ranking alternatives tended to be underground devices and raingardens. Underground devices will require a vactor truck for maintenance every 1 to 2 years. If a vactor truck cannot be rented, there may be opportunities to negotiate a cost-share program with other organizations. The cost to purchase a new vactor truck can vary greatly depending on the size and model, but to meet the maintenance requirements of an underground device the purchase price may range from \$200,000-\$300,000.

Table 25 lists each structural BMP alternative in order of most to least recommended for implementation. The cost per pound of removal ranges from \$0.71 to \$18.35 for TSS and \$244 to \$22,583 for TP. BMPs with more pounds of pollutant removal tend to be more cost effective and therefore rank higher than those that remove less.

When selecting projects to implement, the maintenance staff for the community should be involved to discuss their capabilities and the required maintenance for the BMP.

Table 25: Summary of structural BMP alternatives evaluated sorted from highest to lowest priority.

Community	Watershed(s)	Type of BMP Alternative	Description of BMP	Design + Construction Cost	Present Day Value (30-year)	Annual Total TSS Removal [LB]	Annual Total TP Removal [LB]	Annual Net TSS Removal [LB]	Annual Net TP Removal [LB]	\$/LB Net TSS Removal	\$/LB Net TP Removal	Discharges to Impaired Water	Relevant Impairment
<b>Direct Discharge to Impaired Water – sorted by \$/LB-TSS</b>													
Red Lake	4	Infiltration Basin		\$139,700	\$147,070	6,887	20.1	6,887	20.1	\$0.71	\$244	Directly	TSS
Red Lake	4	Underground Device	HDS	\$300,000	\$341,934	9,374	7.5	9,374	7.5	\$1.22	\$1,512	Directly	TSS
Redby	3	Underground Device	HDS	\$300,000	\$341,934	6,368	5.3	6,368	5.3	\$1.79	\$2,151	Directly	TSS
Red Lake	4	Raingardens	19 raingardens	\$232,666	\$320,121	5,924	10.5	5,924	10.5	\$1.80	\$1,016	Directly	TSS
Redby	3	Raingardens	25 raingardens	\$306,139	\$421,212	5,111	11.6	5,111	11.6	\$2.75	\$1,210	Directly	TSS
<b>Direct Discharge to Impaired Water – sorted by \$/LB-TP</b>													
Northome	1-3	Underground Device	Filter Device with SAFL Baffle	\$318,000	\$385,837	4,344	10.5	4,344	10.5	\$2.96	\$1,225	Directly	Nutrient
<b>Indirect Discharge to Impaired Water – sorted by \$/LB-TP</b>													
Blackduck	6-8	Retention Pond		\$339,850	\$344,842	13,046	29.2	3,951	17.3	\$2.91	\$664	Indirectly	Nutrient
Blackduck	6-8	Underground Device	HDS	\$300,000	\$341,934	12,727	17.6	3,635	5.7	\$3.15	\$1,983	Indirectly	Nutrient
Blackduck	6-8	Forebay		\$98,800	\$107,686	9,471	13.2	377	1.3	\$9.89	\$2,761	Indirectly	Nutrient
Northome	6	Underground Device	Two SAFL Baffles	\$138,000	\$172,761	2,156	1.7	2,156	1.7	\$2.67	\$3,310	Indirectly	Nutrient
Blackduck	9	Underground Device	Two SAFL Baffles	\$138,000	\$172,761	3,018	3.0	1,164	1.2	\$4.95	\$4,964	Indirectly	Nutrient
Blackduck	2	Underground Device	SAFL Baffle	\$69,000	\$103,761	473	0.3	437	0.3	\$7.92	\$12,810	Indirectly	Nutrient
<b>No discharge to Impaired Water – sorted by \$/LB-TSS</b>													
Kelliher	4	Underground Device	HDS	\$300,000	\$341,934	8,070	6.5	5,315	4.8	\$2.14	\$2,375	N/A	N/A
Red Lake	7	Raingardens	11 raingardens	\$134,701	\$185,333	2,555	5.3	2,555	5.3	\$2.42	\$1,166	N/A	N/A
Red Lake	3	Raingardens	6 raingardens	\$73,473	\$101,091	1,284	2.8	1,284	2.8	\$2.62	\$1,203	N/A	N/A
Red Lake	7	Underground Device	HDS	\$300,000	\$341,934	3,855	3.2	3,855	3.2	\$2.96	\$3,562	N/A	N/A
Ponemah	1-3	Raingardens	25 raingardens	\$306,139	\$421,212	4,356	10.5	4,356	10.5	\$3.22	\$1,337	N/A	N/A
Redby	1	Infiltration Basin		\$48,900	\$54,764	521	1.7	521	1.7	\$3.50	\$1,074	N/A	N/A
Redby	1	Raingardens	5 raingardens	\$61,228	\$84,242	467	1.3	467	1.3	\$6.01	\$2,160	N/A	N/A
Red Lake	3	Underground Device	HDS	\$300,000	\$341,934	1,774	1.5	1,774	1.5	\$6.42	\$7,701	N/A	N/A
Kelliher	1	Forebay		\$114,450	\$120,321	563	1.5	563	1.5	\$7.12	\$2,674	N/A	N/A
Northome	7	Underground Device	SAFL Baffle	\$69,000	\$103,761	321	0.3	321	0.3	\$10.76	\$13,303	N/A	N/A
Ponemah	1-3	Underground Device	SAFL Baffle	\$69,000	\$103,761	272	0.1	272	0.1	\$12.70	\$27,670	N/A	N/A
Kelliher	1	Underground Device	Two SAFL Baffles	\$138,000	\$172,761	428	0.3	428	0.3	\$13.46	\$16,692	N/A	N/A
Redby	1	Underground Device	Two SAFL Baffles	\$138,000	\$172,761	314	0.3	314	0.3	\$18.35	\$22,583	N/A	N/A

Assumes:

1. Construction costs include a 30% contingency and 20% design fee.
2. Annual discount rate of 3.5%.
3. Dollar per pound of removal is the Present Day Value divided by the net removal over 30 years.

## **XI. References**

Google. [Google Streetview of Blackduck, Kelliher, Northome, Red Lake, Redby, Ponemah, and Little Rock]. Google Maps, Accessed November 2024-March 2025.

<https://upstreamtechnologies.us/docs/SAFL-Baffle-Design-Guide.pdf>

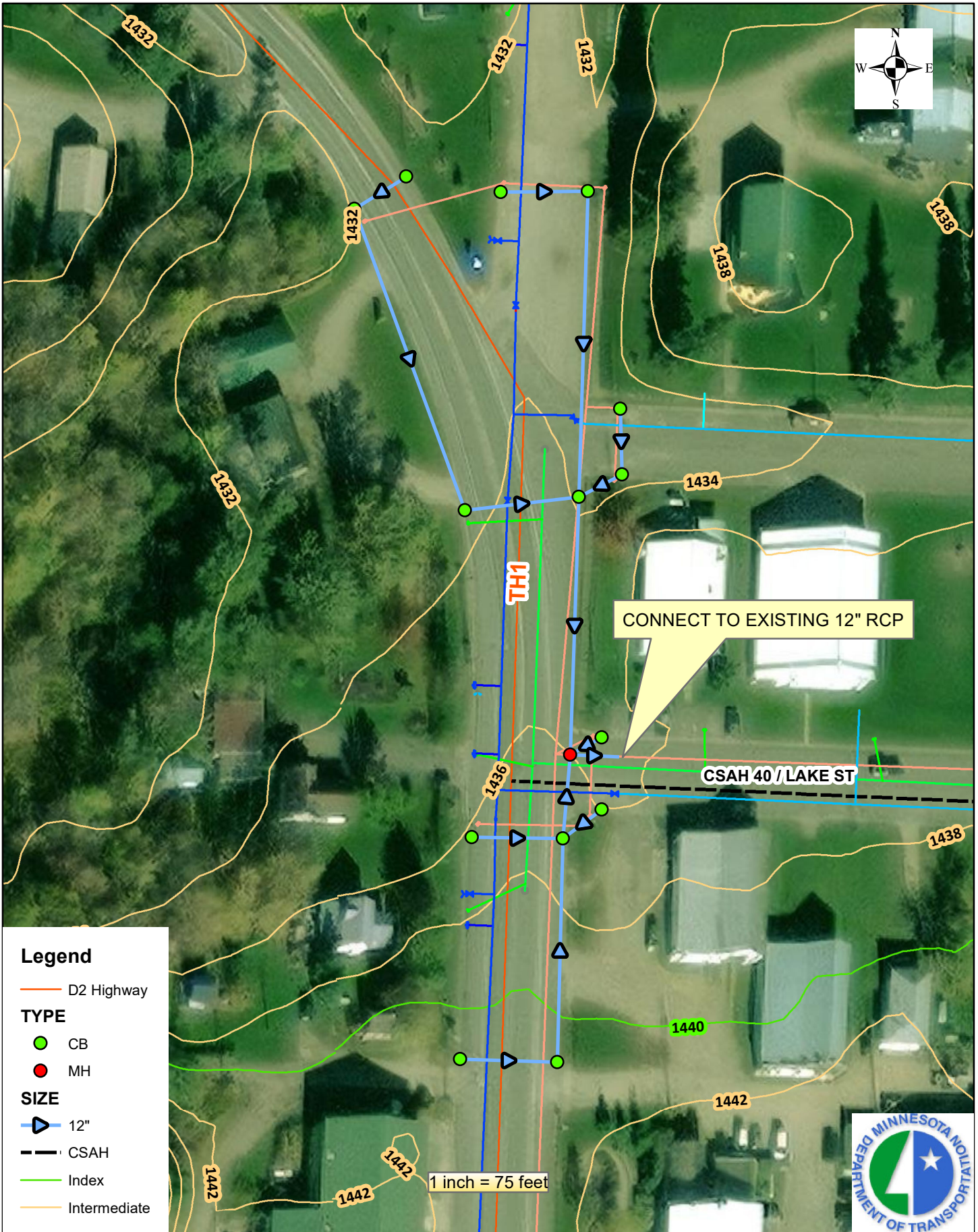
[https://stormwater.pca.state.mn.us/index.php?title=Composition,\\_characterization,\\_and\\_management\\_of\\_street\\_sweepings](https://stormwater.pca.state.mn.us/index.php?title=Composition,_characterization,_and_management_of_street_sweepings)

# Appendix A: WinSLAMM Land Use Classifications

CLASSIFICATION	WIN-LU	INDIRECTLY CONNECTED IMPERFVIOUS	DIRECTLY CONNECTED IMPERVIOUS	DEPRESSION AL STORAGE	IMPERVIOUS RUNOFF COEFFICIENT
freeways	FREE	0	1	0	1
commercial downtown	CDT	0.001	0.953	0.04	0.88
shopping centers	SHOP	0	0.917	0.023	0.936
strip commercial	SCOM	0.014	0.907	0.025	0.892
hospital	HOSP	0.006	0.763	0.039	0.903
office parks	OFPK	0.006	0.731	0.019	0.91
non manufacturing	LI	0.088	0.707	0.029	0.906
high rise residential	HRR	0.012	0.632	0.032	0.868
misc institutional	INST	0.036	0.6	0.017	0.909
education	SCH	0.014	0.565	0.026	0.908
mobile home park	MOBH	0.011	0.487	0.032	0.913
multiple family residential	MFRNA	0.063	0.474	0.025	0.882
high density residential w/o alleys	HDRNA	0.131	0.399	0.017	0.875
high density residential w alleys	HDRWA	0.138	0.381	0.024	0.817
duplexes	DUP	0.121	0.271	0.02	0.821
medium density residential w/o alleys	MDRNA	0.135	0.242	0.029	0.796
medium density residential w alleys	MDRWA	0.169	0.242	0.026	0.783
medium industrial	MI	0.169	0.242	0.026	0.783
low density residential	LDR	0.079	0.126	0.026	0.79
cemetery	CEM	0.007	0.12	0.008	0.934
parks	PARK	0.041	0.103	0.01	0.873
suburban	SUB	0.04	0.056	0.04	0.726
undeveloped	OSUD	0	0.049	0.027	0.733
	WATER	0	0	0	0

## **Appendix B: Northome TH 46 Updates**

# 3607-20 North Storm Sewer - Preliminary Layout



CONNECT TO EXISTING 12" RCP

CSAH 40 / LAKE ST

1 inch = 75 feet

### Legend

— D2 Highway

#### TYPE

● CB

● MH

#### SIZE

▶ 12"

— CSAH

— Index

— Intermediate



# 3607-20 South Storm Sewer - Preliminary Layout



CONNECT TO EXISTING STORM DRAIN

THIS STRUCTURE WILL CONTROL OUTLET ELEVATION

ESTIMATED OUTLET ELEV. 1429'

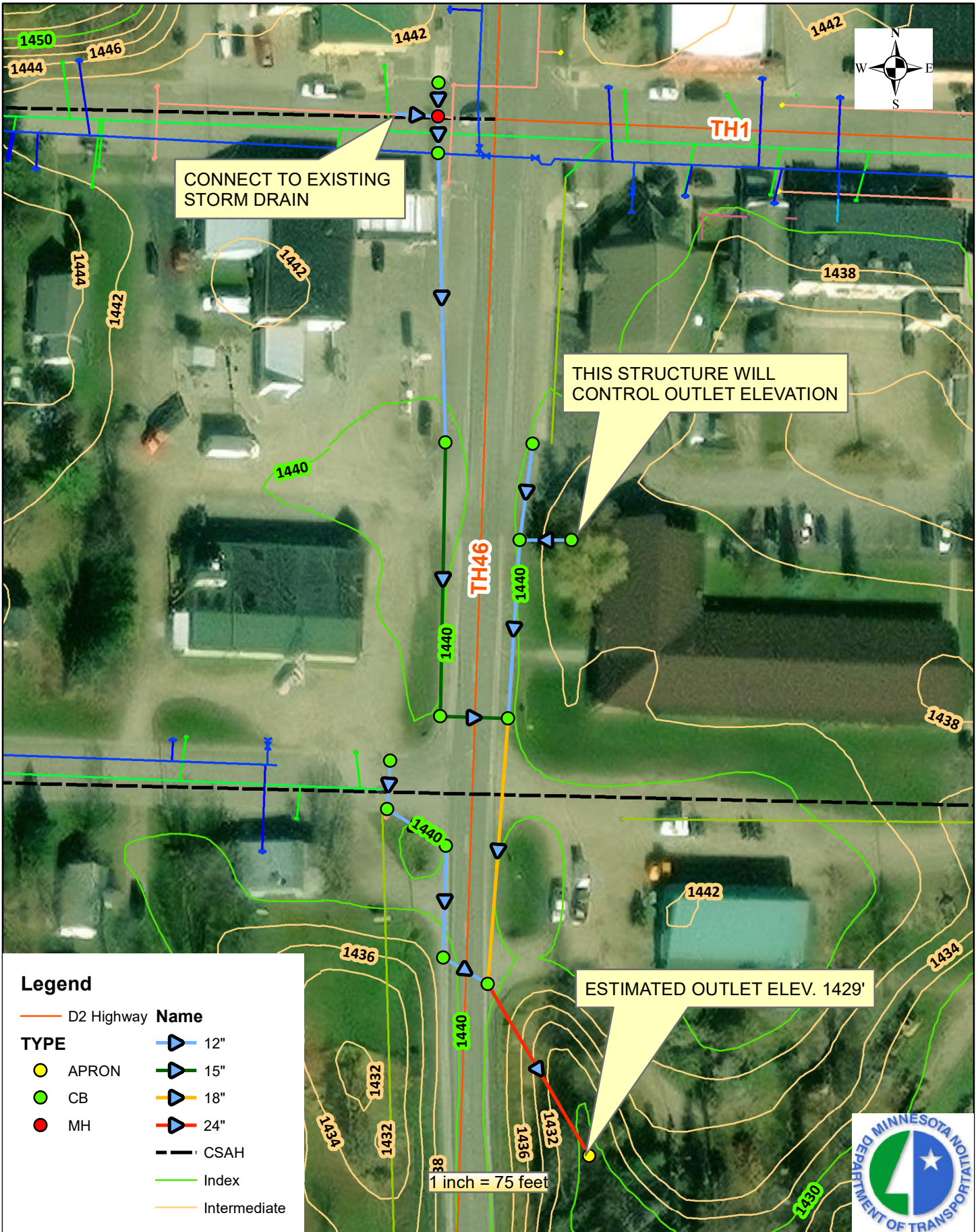
**Legend**

—	D2 Highway	<b>Name</b>
●	APRON	▼
●	CB	▼
●	MH	▼
▼	12"	▼
▼	15"	▼
▼	18"	▼
▼	24"	▼

1 inch = 75 feet



# 3607-20 South Storm Sewer - Preliminary Layout



February 6, 2026

Honorable Mayor and City Council  
City of Blackduck  
8 Summit Ave NE  
Blackduck, MN 56630

## **Professional Services Proposal** Lift Station Rehabilitation Project

Dear Honorable Mayor and City Council,

Thank you for the opportunity to assist the City of Blackduck with your Lift Station Rehabilitation Project. Widseth Smith Nolting & Associates, Inc. (dba Widseth) is pleased to submit a proposal for professional design and construction administration services.

### **Project Understanding**

We understand three (3) lift stations are failing and in need of rehabilitation prior to the large project identified for the City of Blackduck. Our work will consist of preparation of Plans and Specifications for obtaining competitive bids to complete the rehabilitation of the sanitary sewer lift stations. These include the Main, West End (Oscar) and Black Mallard Lift Stations. Upon execution of a construction contract, Widseth will provide construction administration and observation services.

### **General Scope of Work**

Based on our knowledge and preparation of the Preliminary Engineering Report (PER), quotes received from Minnesota Pump works, and discussions with Mike Schwanke, Public Works Director, the scope of work at each of the lift stations will include:

- Removal and replacement of existing ductile iron piping, fittings and valving.
- Removal and replacement of existing electrical controls and incorporating generator receptacle into new electrical control panels. The main lift station will have a future permanent generator installed as part of the large project.
- Salvage existing auto-dialer systems and for incorporating into new electrical control panel.
- Removal and replacement of existing pumps and guide rail systems.

It is our understanding the piping in the main lift station has been replaced.

### **Design Schedule**

Based on the Scope of Services, this agreement will be from the proposal acceptance date through the completion of construction. Widseth proposes the following tentative design schedule:

Design	April 17, 2026
Construction Administration/Observation	Summer / Fall 2026

### **Scope of Services**

Based on the Project Understanding outlined above, Widseth proposes the following Scope of Services:

Topographic Survey:

- The Widseth survey team will complete the topographic survey, together with the location of all visible utility appurtenances (and invert elevations for all utility structures as needed).
  - Utility locations will be shown on our topographic survey by utilizing current mapping records, and by surveying any visible utility structures, together with any field markings observed on site as coordinated through the Gopher One-Call utility locating system. Widseth will not expose or physically locate underground utilities and can make no guarantee that all utilities, whether in service or abandoned, will be located.

Civil Engineering Design:

Widseth will provide the following services as part of our Engineering Design:

- Complete a site visit with MN Pump Works and Mike Schwanke to review existing conditions and the proposed improvements.
- Preparation of a complete set of plans and specifications including incorporation of necessary documents / wage rates, etc. as may be required by Funding Agency.
- Preparation of necessary permitting, plan review documents.
- Prepare advertisement for bid and post advertisement in City's official newspaper and QuestCDN Website.
- Answer questions of contractors during the bidding phase and issue Addendums when required.
- Conduct bid opening, tabulate bids and provide recommendations to City Council.

Electrical Engineering Design:

Widseth will provide the following services as part of our Electrical Engineering Design:

- Complete a site visit with MN Pump Works and Mike Schwanke to review existing conditions and the proposed improvements.
- Preparation of a complete set of electrical plans and specifications, including, but not limited to:
  - Demolition of existing electrical components at the lift stations.
  - Sizing electrical service entrance at proposed lift stations.
  - Sizing feeders, overcurrent protection, disconnects, VFDs, etc. for lift station equipment.
  - Division 26 Electrical specifications.
  - Controls and Control Panel specifications.
  - West End (Oscar) and Black Mallard Lift Stations will include provisions for connection to a portable generator.
  - Main Lift Station will include provisions for a future permanent generator.
- Answer questions of contractors during the bidding phase and issue any addendums when required.

Construction Administration:

During Construction Widseth will provide the following services:

- Shop drawing review
- Preconstruction meeting with contractors, owner and utility companies.
- Construction staking (If necessary)
- Periodic site construction observations and site visits to assist with construction questions. We assume 12 site visits during construction for estimating purposes.
- Review contractor payment applications.
- Final Inspection including completion of punch list for contractor.
- Project Management
- Project Closeout / As-Built Drawings

**Proposed Fees**

Widseth proposes to complete the Design Services described above for a Total Lump Sum fee of \$37,000.00

Construction Administration/Observation Services to be provided on an Hourly Rate basis in accordance with the attached Fee Schedule. Construction Administration/Observation Fee estimated to be: \$23,000.00


Your signature below and return of this document will indicate your agreement with this Letter Proposal and attachments and shall constitute an Agreement between Widseth and City of Blackduck. If this proposal meets your approval, please sign and return a copy of the executed agreement to our office and we will schedule our work accordingly.

This proposal will remain valid for 30 days after the submission date.

If you have any questions or would like to discuss any items in more detail, please contact Tim Ramerth, PE at 218-316-3653 or by e-mail at [tim.ramerth@widseth.com](mailto:tim.ramerth@widseth.com)

Thank you for this opportunity to provide professional design and construction administration services. Widseth is eager to contribute our expertise, and we look forward to bringing the project to completion.

Sincerely,



\_\_\_\_\_  
Timothy T. Ramerth, P.E., President

**Accepted by the City of Blackduck:** The above proposal and attached General Provisions of Professional Services Agreement are satisfactory and Widseth is authorized to do the work as specified. Payment will be made monthly in accordance with the terms on the fee schedule.

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## 2026 FEE SCHEDULE

CLASSIFICATION	RATE
Engineer/Architect/Surveyor/Scientist/Wetland Specialist/Geographer/Project Manager	
Level I	\$145 / Hour
Level II	\$170 / Hour
Level III	\$200 / Hour
Level IV	\$205 / Hour
Level V	\$215 / Hour
Technician	
Level I	\$105 / Hour
Level II	\$125 / Hour
Level III	\$145 / Hour
Level IV	\$160 / Hour
Level V	\$175 / Hour
Computer Systems Specialist	\$180 / Hour
Senior Funding Specialist	\$150 / Hour
Marketing Specialist	\$125 / Hour
Funding Specialist	\$125 / Hour
Administrative Assistant	\$ 90 / Hour

OTHER EXPENSES	RATE
Mileage (Federal Standard Rate) <i>subject to IRS Guidelines</i>	Cost
Meals/Lodging	Cost
Stakes & Expendable Materials	Cost
ATV 4-Wheeler Rental	\$100 / Day
ATV Side by Side Rental	\$200 / Day
Waste Water Sampler	\$40 / Day
ISCO Flow Recorder	\$60 / Day
Photoionization Detection Meter	\$100 / Day
Explosimeter	\$50 / Day
Product Recovery Equipment	\$35 / Day
Survey-Grade GPS (Global Positioning System)	\$75 / Hour
Mapping GPS (Global Positioning System)	\$150 / Day
Lath & Hubs	\$150 / Day
Soil Drilling Rig	\$35 / Hour
Groundwater Sampling Equipment	\$125 / Day
Hydrographic Survey System	\$500 / Day
Subcontractors	Cost plus 10%

REPRODUCTION COSTS	
Black & White Copies: 8-1/2" x 11"	\$0.10 Each
Black & White Copies: 11" x 17"	\$0.50 Each
Black & White Copies: 24" x 36"	\$3 Each
Color Copies: 8-1/2" x 11"	\$2 Each
Color Copies: 11" x 17"	\$4 Each
Color Copies: 24" x 36"	\$12 Each
Color Plots: 42" x 48"	\$22 Each

**These rates are effective for only the year indicated and are subject to yearly adjustments which reflect equitable changes in the various components.**

# General Provisions of Professional Services Agreement

These General Provisions are intended to be used in conjunction with a letter-type Agreement or a Request for Services between Widseth Smith Nolting & Assoc., Inc., a Minnesota Corporation, hereinafter referred to as WIDSETH, and a CLIENT, wherein the CLIENT engages WIDSETH to provide certain Architectural, and/or Engineering services on a Project.

As used herein, the term "this Agreement" refers to (1) the WIDSETH Proposal Letter which becomes the Letter Agreement upon its acceptance by the Client, (2) these General Provisions and (3) any attached Exhibits, as if they were part of one and the same document. With respect to the order of precedence, any attached Exhibits shall govern over these General Provisions, and the Letter Agreement shall govern over any attached Exhibits and these General Provisions. These documents supersede all prior communications and constitute the entire Agreement between the parties. Amendments to this Agreement must be in writing and signed by both CLIENT and WIDSETH.

## ARTICLE 1. PERIOD OF SERVICE

The term of this Agreement for the performance of services hereunder shall be as set forth in the Letter Agreement. In this regard, any lump sum or estimated maximum payment amounts set forth in the Letter Agreement have been established in anticipation of an orderly and continuous progress of the Project in accordance with the schedule set forth in the Letter Agreement or any Exhibits attached thereto. WIDSETH shall be entitled to an equitable adjustment to its fee should there be an interruption of services, or amendment to the schedule.

## ARTICLE 2. SCOPE OF SERVICES

The scope of services covered by this Agreement shall be as set forth in the Letter Agreement or a Request for Services. Such scope of services shall be adequately described in order that both the CLIENT and WIDSETH have an understanding of the expected work to be performed.

If WIDSETH is of the opinion that any work they have been directed to perform is beyond the Scope of this Agreement, or that the level of effort required significantly exceeds that estimated due to changed conditions and thereby constitutes extra work, they shall notify the CLIENT of that fact. Extra work, additional compensation for same, and extension of time for completion shall be covered by a revision to the Letter Agreement or Request for Services and entered into by both parties.

## ARTICLE 3. COMPENSATION TO WIDSETH

A. Compensation to WIDSETH for services described in this Agreement shall be on a Lump Sum basis, Percentage of Construction, and/or Hourly Rate basis as designated in the Letter Agreement and as hereinafter described.

1. A Lump Sum method of payment for WIDSETH's services shall apply to all or parts of a work scope where WIDSETH's tasks can be readily defined and/or where the level of effort required to accomplish such tasks can be estimated with a reasonable degree of accuracy. The CLIENT shall make monthly payments to WIDSETH within 30 days of date of invoice based on an estimated percentage of completion of WIDSETH's services.
2. A Percentage of Construction or an Hourly Rate method of payment of WIDSETH's services shall apply to all or parts of a work scope where WIDSETH's tasks cannot be readily defined and/or where the level of effort required to accomplish such tasks cannot be estimated with any reasonable degree of accuracy. Under an Hourly Rate method of payment, WIDSETH shall be paid for the actual hours worked on the Project by WIDSETH technical personnel times an hourly billing rate established for each employee. Hourly billing rates shall include compensation for all salary costs, payroll burden, general, and administrative overhead and professional fee. In a Percentage of Construction method of payment, final compensation will be based on actual bids if the project is bid and WIDSETH's estimate to the CLIENT if the project is not bid. A rate schedule shall be furnished by WIDSETH to CLIENT upon which to base periodic payments to WIDSETH.
3. In addition to the foregoing, WIDSETH shall be reimbursed for items and services as set forth in the Letter Agreement or Fee Schedule and the following Direct Expenses when incurred in the performance of the work:
  - (a) Travel and subsistence.
  - (b) Specialized computer services or programs.
  - (c) Outside professional and technical services with cost defined as the amount billed WIDSETH.
  - (d) Identifiable reproduction and reprographic costs.
  - (e) Other expenses for items such as permit application fees, license fees, or other additional items and services whether or not specifically identified in the Letter Agreement or Fee Schedule.
4. The CLIENT shall make monthly payments to WIDSETH within 30 days of date of invoice based on computations made in accordance with the above charges for services provided and expenses incurred to date, accompanied by supporting evidence as available.

B. The CLIENT will pay the balance stated on the invoice unless CLIENT notifies WIDSETH in writing of the particular item that is alleged to be incorrect within 15 days from the date of invoice, in which case, only the disputed item will remain undue until resolved by the parties. All accounts unpaid after 30 days from the date of original invoice shall be subject to a service charge of 1 % per month, or the maximum amount authorized by law, whichever is less. WIDSETH shall be entitled to recover all reasonable costs and disbursements, including reasonable attorneys fees, incurred in connection with collecting amount owed by CLIENT. In addition, WIDSETH may, after giving seven days written notice to the CLIENT, suspend services and withhold deliverables under this Agreement until WIDSETH has been paid in full for all amounts then due for services, expenses and charges. CLIENT agrees that WIDSETH shall not be responsible for any claim for delay or other consequential damages arising from suspension of services hereunder. Upon payment in full by Client and WIDSETH's resumption of services, the time for performance of WIDSETH's services shall be equitably adjusted to account for the period of suspension and other reasonable time necessary to resume performance.

## ARTICLE 4. ABANDONMENT, CHANGE OF PLAN AND TERMINATION

Either Party has the right to terminate this Agreement upon seven days written notice. In addition, the CLIENT may at any time, reduce the scope of this Agreement. Such reduction in scope shall be set forth in a written notice from the CLIENT to WIDSETH. In the event of unresolved dispute over change in scope or changed conditions, this Agreement may also be terminated upon seven days written notice as provided above.

In the event of termination, and upon payment in full for all work performed and expenses incurred to the date of termination, documents that are identified as deliverables under the Letter Agreement whether finished or unfinished shall be made available by WIDSETH to the CLIENT pursuant to Article 5, and there shall be no further payment obligation of the CLIENT to WIDSETH under this Agreement except for payment of an amount for WIDSETH's anticipated profit on the value of the services not performed by WIDSETH and computed in accordance with the provisions of Article 3 and the Letter Agreement.

In the event of a reduction in scope of the Project work, WIDSETH shall be paid for the work performed and expenses incurred on the Project work thus reduced and for any completed and abandoned work, for which payment has not been made, computed in accordance with the provisions of Article 3 and the Letter Agreement.

## ARTICLE 5. DISPOSITION OF PLANS, REPORTS AND OTHER DATA

All reports, plans, specifications, field data and notes and other documents, including all documents on electronic media, prepared by WIDSETH or its consultants are Instruments of Service and shall remain the property of WIDSETH or its consultants, respectively. WIDSETH and its subconsultants retain all common law, statutory and other reserved rights, including, without limitation, copyright. WIDSETH and its subconsultants maintain the right to determine if production will be made, and allowable format for production, of any electronic media or data to CLIENT or any third-party. Upon payment in full of monies due pursuant to the Agreement, WIDSETH shall make hard copies available to the CLIENT, of all documents that are identified as deliverables under the Letter Agreement. If the documents have not been finished (including, but not limited to, completion of final quality control), then WIDSETH shall have no liability for any claims expenses or damages that may arise out of items that could have been corrected during completion/quality control. Any Instruments of Service provided are not intended or represented to be suitable for reuse by the CLIENT or others on extensions of the Project or any other project. Any modification or reuse without written verification or adaptation by WIDSETH for the specific purpose intended will be at CLIENT's sole risk and without liability or legal exposure to WIDSETH. CLIENT shall indemnify, defend and hold harmless WIDSETH from any and all suits or claims of third parties arising out of use of unfinished documents, or modification or reuse of finished documents, which is not specifically verified, adapted, or authorized in writing by WIDSETH. This indemnity shall survive the termination of this Agreement.

Should WIDSETH choose to deliver to CLIENT documents in electronic form, CLIENT acknowledges that differences may exist between any electronic files delivered and the printed hard-copy. Copies of documents that may be relied upon by CLIENT are limited to the printed hard-copies that are signed and/or sealed by WIDSETH. Files in electronic form are only for convenience of CLIENT. Any conclusion or information obtained or derived from such electronic documents will be at user's sole risk. CLIENT acknowledges that the useful life of some forms of electronic media may be limited because of deterioration of the media or obsolescence of the computer hardware and/or software systems. Therefore, WIDSETH makes no representation that such media will be fully usable beyond 30 days from date of delivery to CLIENT.

## ARTICLE 6. CLIENT'S ACCEPTANCE BY PURCHASE ORDER OR OTHER MEANS

In lieu of or in addition to signing the acceptance blank on the Letter Agreement, the CLIENT may accept this Agreement by permitting WIDSETH to commence work on the project or by issuing a purchase order signed by a duly authorized representative. Such purchase order shall incorporate by reference the terms and conditions of this Agreement. In the event of a conflict between the terms and conditions of this Agreement and those contained in the CLIENT's purchase order, the terms and conditions of this Agreement shall govern. Notwithstanding any purchase order provisions to the contrary, no warranties, express or implied, are made by WIDSETH.

# WIDSETH

ARCHITECTS ■ ENGINEERS  
SCIENTISTS ■ SURVEYORS

## ARTICLE 7. CLIENT'S RESPONSIBILITIES

A. To permit WIDSETH to perform the services required hereunder, the CLIENT shall supply, in proper time and sequence, the following at no expense to WIDSETH:

1. Provide all program, budget, or other necessary information regarding its requirements as necessary for orderly progress of the work.
2. Designate in writing, a person to act as CLIENT's representative with respect to the services to be rendered under this Agreement. Such person shall have authority to transmit instructions, receive instructions, receive information, interpret and define CLIENT's policies with respect to WIDSETH's services.
3. Furnish, as required for performance of WIDSETH's services (except to the extent provided otherwise in the Letter Agreement or any Exhibits attached hereto), data prepared by or services of others, including without limitation, core borings, probes and subsurface explorations, hydrographic and geohydrologic surveys, laboratory tests and inspections of samples, materials and equipment; appropriate professional interpretations of all of the foregoing; environmental assessment and impact statements; property, boundary easement, right-of-way, topographic and utility surveys; property descriptions; zoning, deed and other land use restriction; and other special data not covered in the Letter Agreement or any Exhibits attached hereto.
4. Provide access to, and make all provisions for WIDSETH to enter upon publicly or privately owned property as required to perform the work.
5. Act as liaison with other agencies or involved parties to carry out necessary coordination and negotiations; furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project.
6. Examine all reports, sketches, drawings, specifications and other documents prepared and presented by WIDSETH, obtain advice of an attorney, insurance counselor or others as CLIENT deems necessary for such examination and render in writing, decisions pertaining thereto within a reasonable time so as not to delay the services of WIDSETH.
7. Give prompt written notice to WIDSETH whenever CLIENT observes or otherwise becomes aware of any development that affects the scope of timing of WIDSETH's services or any defect in the work of Construction Contractor(s), Consultants or WIDSETH.
8. Initiate action, where appropriate, to identify and investigate the nature and extent of asbestos and/or pollution in the Project and to abate and/or remove the same as may be required by federal, state or local statute, ordinance, code, rule, or regulation now existing or hereinafter enacted or amended. For purposes of this Agreement, "pollution" and "pollutant" shall mean any solid, liquid, gaseous or thermal irritant or contaminant, including smoke, vapor, soot, alkalis, chemicals and hazardous or toxic waste. Hazardous or toxic waste means any substance, waste pollutant or contaminant now or hereafter included within such terms under any federal, state or local statute, ordinance, code, rule or regulation now existing or hereinafter enacted or amended. Waste further includes materials to be recycled, reconditioned or reclaimed.

If WIDSETH encounters, or reasonably suspects that it has encountered, asbestos or pollution in the Project, WIDSETH shall cease activity on the Project and promptly notify the CLIENT, who shall proceed as set forth above. Unless otherwise specifically provided in the Letter Agreement, the services to be provided by WIDSETH do not include identification of asbestos or pollution, and WIDSETH has no duty to identify or attempt to identify the same within the area of the Project.

With respect to the foregoing, CLIENT acknowledges and agrees that WIDSETH is not a user, handler, generator, operator, treater, storer, transporter or disposer of asbestos or pollution which may be encountered by WIDSETH on the Project. It is further understood and agreed that services WIDSETH will undertake for CLIENT may be uninsurable obligations involving the presence or potential presence of asbestos or pollution. Therefore, CLIENT agrees, except (1) such liability as may arise out of WIDSETH's sole negligence in the performance of services under this Agreement or (2) to the extent of insurance coverage available for the claim, to hold harmless, indemnify and defend WIDSETH and WIDSETH's officers, subcontractor(s), employees and agents from and against any and all claims, lawsuits, damages, liability and costs, including, but not limited to, costs of defense, arising out of or in any way connected with the presence, discharge, release, or escape of asbestos or pollution. This indemnification is intended to apply only to existing conditions and not to conditions caused or created by WIDSETH. This indemnification shall survive the termination of this Agreement.

9. Provide such accounting, independent cost estimating and insurance counseling services as may be required for the Project, such legal services as CLIENT may require or WIDSETH may reasonably request with regard to legal issues pertaining to the Project including any that may be raised by Contractor(s), such auditing service as CLIENT may require to ascertain how or for what purpose any Contractor has used the moneys paid under the construction contract, and such inspection services as CLIENT may require to ascertain that Contractor(s) are complying with any law, rule, regulation, ordinance, code or order applicable to their furnishing and performing the work.

10. Provide "record" drawings and specifications for all existing physical features, structures, equipment, utilities, or facilities which are pertinent to the Project, to the extent available.
11. Provide other services, materials, or data as may be set forth in the Letter Agreement or any Exhibits attached hereto.

B. WIDSETH may use any CLIENT provided information in performing its services. WIDSETH shall be entitled to rely on the accuracy and completeness of information furnished by the CLIENT. If WIDSETH finds that any information furnished by the CLIENT is in error or is inadequate for its purpose, WIDSETH shall endeavor to notify the CLIENT. However, WIDSETH shall not be held responsible for any errors or omissions that may arise as a result of erroneous or incomplete information provided by CLIENT.

## ARTICLE 8. OPINIONS OF COST

Opinions of probable project cost, construction cost, financial evaluations, feasibility studies, economic analyses of alternate solutions and utilitarian considerations of operations and maintenance costs provided for in the Letter Agreement or any Exhibits attached hereto are to be made on the basis of WIDSETH's experience and qualifications and represent WIDSETH's judgment as an experienced design professional. It is recognized, however, that WIDSETH does not have control over the cost of labor, material, equipment or services furnished by others or over market conditions or contractors' methods of determining their prices, and that any evaluation of any facility to be constructed, or acquired, or work to be performed on the basis of WIDSETH's cost opinions must, of necessity, be speculative until completion of construction or acquisition. Accordingly, WIDSETH does not guarantee that proposals, bids or actual costs will not substantially vary from opinions, evaluations or studies submitted by WIDSETH to CLIENT hereunder.

## ARTICLE 9. CONSTRUCTION PHASE SERVICES

CLIENT acknowledges that it is customary for the architect or engineer who is responsible for the preparation and furnishing of Drawings and Specifications and other construction-related documents to be employed to provide professional services during the Bidding and Construction Phases of the Project, (1) to interpret and clarify the documentation so furnished and to modify the same as circumstances revealed during bidding and construction may dictate, (2) in connection with acceptance of substitute or equal items of materials and equipment proposed by bidders and Contractor(s), (3) in connection with approval of shop drawings and sample submittals, and (4) as a result of and in response to WIDSETH's detecting in advance of performance of affected work inconsistencies or irregularities in such documentation. CLIENT agrees that if WIDSETH is not employed to provide such professional services during the Bidding (if the work is put out for bids) and the Construction Phases of the Project, WIDSETH will not be responsible for, and CLIENT shall indemnify and hold WIDSETH, its officers, consultant(s), subcontractor(s), employees and agents harmless from, all claims, damages, losses and expenses including attorneys' fees arising out of, or resulting from, any interpretation, clarification, substitution acceptance, shop drawing or sample approval or modification of such documentation issued or carried out by CLIENT or others. Nothing contained in this paragraph shall be construed to release WIDSETH, its officers, consultant(s), subcontractor(s), employees and agents from liability for failure to perform in accordance with professional standards any duty or responsibility which WIDSETH has undertaken or assumed under this Agreement.

## ARTICLE 10. REVIEW OF SHOP DRAWINGS AND SUBMITTALS

WIDSETH may review and approve or take other appropriate action on the contractor's submittals or shop drawings for the limited purpose of checking for general conformance with information given and design concept expressed in the Contract Documents. Review and/or approval of submittals is not conducted for the purpose of determining accuracy and completeness of other details or for substantiating instructions for installation or performance of equipment or systems, all of which remain the exclusive responsibility of the contractor. WIDSETH's review and/or approval shall not constitute approval of safety precautions, or any construction means, methods, techniques, sequences or procedures. WIDSETH's approval of a specific item shall not indicate approval of an assembly of which the item is a component. WIDSETH's review and/or approval shall not relieve contractor for any deviations from the requirements of the contract documents nor from the responsibility for errors or omissions on items such as sizes, dimensions, quantities, colors, or locations. Contractor shall remain solely responsible for compliance with any manufacturer requirements and recommendations.

## ARTICLE 11. REVIEW OF PAY APPLICATIONS

If included in the scope of services, any review or certification of any pay applications, or certificates of completion shall be based upon WIDSETH's observation of the Work and on the data comprising the contractor's application for payment, and shall indicate that to the best of WIDSETH's knowledge, information and belief, the quantity and quality of the Work is in general conformance with the Contract Documents. The issuance of a certificate for payment or substantial completion is not a representation that WIDSETH has made exhaustive or continuous inspections, reviewed construction means and methods, verified any back-up data provided by the contractor, or ascertained how or for what purpose the contractor has used money previously paid by CLIENT.

#### **ARTICLE 12. REQUESTS FOR INFORMATION (RFI)**

If included in the scope of services, WIDSETH will provide, with reasonable promptness, written responses to requests from any contractor for clarification, interpretation or information on the requirements of the Contract Documents. If Contractor's RFI's are, in WIDSETH's professional opinion, for information readily apparent from reasonable observation of field conditions or review of the Contract Documents, or are reasonably inferable therefrom, WIDSETH shall be entitled to compensation for Additional Services for WIDSETH's time in responding to such requests. CLIENT may wish to make the Contractor responsible to the CLIENT for all such charges for additional services as described in this article.

#### **ARTICLE 13. CONSTRUCTION OBSERVATION**

If included in the scope of services, WIDSETH will make site visits as specified in the scope of services in order to observe the progress of the Work completed. Such site visits and observations are not intended to be an exhaustive check or detailed inspection, but rather are to allow WIDSETH to become generally familiar with the Work. WIDSETH shall keep CLIENT informed about the progress of the Work and shall advise the CLIENT about observed deficiencies in the Work. WIDSETH shall not supervise, direct or have control over any Contractor's work, nor have any responsibility for the construction means, methods, techniques, sequences or procedures selected by the Contractor nor for the Contractor's safety precautions or programs in connection with the Work. These rights and responsibilities are solely those of the Contractor. WIDSETH shall not be responsible for any acts or omissions of any Contractor and shall not be responsible for any Contractor's failure to perform the Work in accordance with the Contract Documents or any applicable laws, codes, regulations, or industry standards.

If construction observation services are not included in the scope of services, CLIENT assumes all responsibility for interpretation of the Contract Documents and for construction observation, and the CLIENT waives any claims against WIDSETH that are connected with the performance of such services.

#### **ARTICLE 14. BETTERMENT**

If, due to WIDSETH's negligence, a required item or component of the Project is omitted from the construction documents, WIDSETH shall not be responsible for paying the cost required to add such item or component to the extent that such item or component would have been required and included in the original construction documents. In no event, will WIDSETH be responsible for any cost or expense that provides betterment or upgrades or enhances the value of the Project.

#### **ARTICLE 15. CERTIFICATIONS, GUARANTEES AND WARRANTIES**

WIDSETH shall not be required to sign any documents, no matter by who requested, that would result in WIDSETH having to certify, guarantee or warrant the existence of conditions whose existence WIDSETH cannot ascertain. CLIENT agrees not to make resolution of any dispute with WIDSETH or payment of any amount due to WIDSETH in any way contingent upon WIDSETH signing such certification.

#### **ARTICLE 16. CONTINGENCY FUND**

CLIENT and WIDSETH agree that certain increased costs and changes may be required because of possible omissions, ambiguities or inconsistencies in the plans and specifications prepared by WIDSETH, and therefore, that the final construction cost of the Project may exceed the bids, contract amount or estimated construction cost. CLIENT agrees to set aside a reserve in the amount of 5% of the Project construct costs as a contingency to be used, as required, to pay for any such increased costs and changes. CLIENT further agrees to make no claim by way of direct or third-party action against WIDSETH with respect to any increased costs within the contingency because of such changes or because of any claims made by any Contractor relating to such changes.

#### **ARTICLE 17. INSURANCE**

WIDSETH shall procure and maintain insurance for protection from claims against it under workers' compensation acts, claims for damages because of bodily injury including personal injury, sickness or disease or death of any and all employees or of any person other than such employees, and from claims against it for damages because of injury to or destruction of property including loss of use resulting therefrom.

Also, WIDSETH shall procure and maintain professional liability insurance for protection from claims arising out of performance of professional services caused by any negligent act, error, or omission for which WIDSETH is legally liable.

Certificates of insurance will be provided to the CLIENT upon request.

#### **ARTICLE 18. ASSIGNMENT**

Neither Party to this Agreement shall transfer, sublet or assign any rights or duties under or interest in this Agreement, including but not limited to monies that are due or monies that may be due, without the prior written consent of the other party. Subcontracting to subconsultants, normally contemplated by WIDSETH as a generally accepted business practice, shall not be considered an assignment for purposes of this Agreement.

#### **ARTICLE 19. NO THIRD-PARTY BENEFICIARIES**

Nothing contained in this Agreement shall create a contractual relationship or a cause of action by a third-party against either WIDSETH or CLIENT. WIDSETH's services pursuant to this Agreement are being performed solely for the CLIENT's benefit, and no other party or entity shall have any claim against WIDSETH because of this Agreement.

#### **ARTICLE 20. CORPORATE PROTECTION**

It is intended by the parties to this Agreement that WIDSETH's services in connection with the Project shall not subject WIDSETH's individual employees, officers or directors to any personal legal exposure for the risks associated with this Project. Therefore, and notwithstanding anything to the contrary, CLIENT agrees that as the CLIENT's sole and exclusive remedy, any claim, demand or suit shall be directed and/or asserted only against WIDSETH, a Minnesota corporation, and not against any of WIDSETH's individual employees, officers or directors.

#### **ARTICLE 21. CONTROLLING LAW**

This Agreement is to be governed by the laws of the State of Minnesota.

#### **ARTICLE 22. ASSIGNMENT OF RISK**

In recognition of the relative risks and benefits of the project to both the CLIENT and WIDSETH, the risks have been allocated such that the CLIENT agrees, to the fullest extent permitted by law, to limit the liability of WIDSETH, employees of WIDSETH and sub-consultants, to the CLIENT and to all construction contractors, subcontractors, agents and assigns on the project for any and all claims, losses, costs, damages of any nature whatsoever or claims expenses from any cause or causes, so that total aggregate liability of WIDSETH, employees of WIDSETH and sub-consultants, to all those named shall not exceed WIDSETH's total fee received for services rendered on this project. Such claims and causes include, but are not limited to negligence, professional errors or omissions, strict liability, breach of contract or warranty.

#### **ARTICLE 23. NON-DISCRIMINATION**

WIDSETH will comply with the provisions of applicable federal, state and local statutes, ordinances and regulations pertaining to human rights and non-discrimination.

#### **ARTICLE 24. SEVERABILITY**

Any provision or portion thereof in this Agreement which is held to be void or unenforceable under any law shall be deemed stricken and all remaining provisions shall continue to be valid and binding between CLIENT and WIDSETH. All limits of liability and indemnities contained in the Agreement shall survive the completion or termination of the Agreement.

#### **ARTICLE 25. PRE-LIEN NOTICE**

**PURSUANT TO THE AGREEMENT WIDSETH WILL BE PERFORMING SERVICES IN CONNECTION WITH IMPROVEMENTS OF REAL PROPERTY AND MAY CONTRACT WITH SUBCONSULTANTS OR SUBCONTRACTORS AS APPROPRIATE TO FURNISH LABOR, SKILL AND/OR MATERIALS IN THE PERFORMANCE OF THE WORK. ACCORDINGLY, CLIENT IS ENTITLED UNDER MINNESOTA LAW TO THE FOLLOWING NOTICE:**

- (a) ANY PERSON OR COMPANY SUPPLYING LABOR OR MATERIALS FOR THIS IMPROVEMENT TO YOUR PROPERTY MAY FILE A LIEN AGAINST YOUR PROPERTY IF THAT PERSON OR COMPANY IS NOT PAID FOR ITS CONTRIBUTIONS.**
- (b) UNDER MINNESOTA LAW, YOU HAVE THE RIGHT TO PAY PERSONS WHO SUPPLIED LABOR OR MATERIALS FOR THIS IMPROVEMENT DIRECTLY AND DEDUCT THIS AMOUNT FROM OUR CONTRACT PRICE, OR WITHHOLD THE AMOUNTS DUE FROM US UNTIL 120 DAYS AFTER COMPLETION OF THE IMPROVEMENT UNLESS WE GIVE YOU A LIEN WAIVER SIGNED BY PERSONS WHO SUPPLIED ANY LABOR OR MATERIALS FOR THE IMPROVEMENT AND WHO GAVE YOU TIMELY NOTICE.**

## Debt & Expense Study 10 years out for Lift-Station MN Rural Water Loan

assumes Lift-Station Bond begins 2027 for 10 years + assumes GF Levy increases 4% annually for cost of living

Year	Debt Levy Total <i>(includes LS debt)</i>	General Fund Levy Total	Complete Levy	Lift Station Debt Balance <i>(assumes LS debt begins 2027)</i>	Operating Expense Budget Wastewater <i>(assumes expense increase 4% annually &amp; assumes \$14,000 of new LS debt)</i>
2027	\$94,634.00	\$394,568.72	\$489,202.72	\$225,000.00	\$258,598.34
2028	\$88,156.00	\$410,351.47	\$498,507.47	\$200,000.00	\$267,400.82
2029	\$87,810.00	\$426,765.53	\$514,575.53	\$175,000.00	\$276,555.42
2030	\$88,644.00	\$443,836.15	\$532,480.15	\$150,000.00	\$286,076.19
2031	\$88,248.00	\$461,589.59	\$549,837.59	\$125,000.00	\$295,977.78
2032	\$87,802.00	\$480,053.18	\$567,855.18	\$100,000.00	\$301,582.37
2033 - <i>Bond 2024A sunsets</i>	\$55,542.00	\$499,255.31	\$554,797.31	\$75,000.00	\$316,985.03
2034	\$79,078.00	\$519,225.52	\$598,303.52	\$50,000.00	\$316,355.09
2035	\$79,078.00	\$539,994.54	\$619,072.54	\$25,000.00	\$327,938.57
2036	\$79,078.00	\$561,594.32	\$640,672.32	-\$5,000.00	\$339,985.38
2037	\$79,078.00	\$584,058.09	\$663,136.09	\$0.00	\$352,514.07

## Sewer Operational Revenue Budget Worksheet 2027 - TEST FOR LIFT-STATION DEBT

*updated 12/10/25*

	2024 Budget	2024 Actual	2025 Budget	2025 Actual	2026 Worksheet	
R 602-33400 State Grants and Aids	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-33422 Other State Aid Grants	\$0.00	\$0.00	\$0.00	\$325.00	\$0.00	
R 602-34000 Charges for Services	\$2,500.00	\$14,075.00	\$5,000.00	\$15,325.00	\$5,000.00	<i>Sewer Discharge</i>
R 602-34110 Sale of Property	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-34950 Other Revenues	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-36100 Special Assessments	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-36102 Penalties and Interest	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-36200 Miscellaneous Revenues	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-36210 Interest Earnings	\$750.00	\$2,667.52	\$750.00	\$1,711.76	\$750.00	
R 602-36240 Reimbursements	\$0.00	\$1,102.82	\$0.00	\$206.46	\$0.00	
R 602-37140 Water Meter Sales	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-37200 Sewer Sales	\$221,000.00	\$209,062.38	\$250,297.86	\$207,043.76	\$262,172.36	<i>uses rate study calculations to = revenue</i>
R 602-37240 Farm Lease Agreement Revenue	\$6,098.00	\$6,098.00	\$6,098.00	\$6,098.00	\$6,098.00	
R 602-37250 Sewer Connect/Reconnect Fee	\$0.00	\$32.50	\$0.00	\$0.00	\$0.00	
R 602-37260 Swr Penalty	\$1,500.00	\$1,114.77	\$1,500.00	\$1,066.56	\$1,500.00	
R 602-39101 Sales of General Fixed Assets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-39104 Transfer from Money Market	\$0.00	\$17,735.30	\$0.00	\$0.00	\$0.00	
R 602-39201 Transfer from General Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-39203 Transfer from Other Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-39204 Intrafund Transfer	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-39269 Transfer from Liquor Fund	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
R 602-39331 Insurance Proceeds	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
	\$231,848.00	\$251,888.29	\$263,645.86	\$231,776.54	\$275,520.36	

Sewer Operational Expenditure Budget Worksheet 2026-2034 - TEST LIFTSTATION DEBT

		2026 Worksheet	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
E 602-43200-101	Full-Time Employees Regular	\$79,090.68	\$82,254.31	\$85,544.48	\$88,966.26	\$92,524.91	\$96,225.91	\$100,074.94	\$104,077.94	\$108,241.06	\$112,570.70	\$117,073.53	\$121,756.47
E 602-43200-102	Full-Time Employees Overtime	\$6,000.00	\$6,240.00	\$6,489.60	\$6,749.18	\$7,019.15	\$7,299.92	\$7,591.91	\$7,895.59	\$8,211.41	\$8,539.87	\$8,881.47	\$9,236.72
E 602-43200-103	Part-Time Employees	\$1,373.10	\$1,428.02	\$1,485.14	\$1,544.55	\$1,606.33	\$1,670.59	\$1,737.41	\$1,806.91	\$1,879.18	\$1,954.35	\$2,032.52	\$2,113.82
E 602-43200-120	Employer Contribution to Union Pension	\$2,100.80	\$2,184.83	\$2,272.23	\$2,363.11	\$2,457.64	\$2,555.94	\$2,658.18	\$2,764.51	\$2,875.09	\$2,990.09	\$3,109.70	\$3,234.09
E 602-43200-121	PERA	\$6,034.78	\$6,276.17	\$6,527.22	\$6,788.31	\$7,059.84	\$7,342.23	\$7,635.92	\$7,941.36	\$8,259.01	\$8,589.37	\$8,932.95	\$9,290.27
E 602-43200-122	FICA	\$6,155.48	\$6,401.70	\$6,657.77	\$6,924.08	\$7,201.04	\$7,489.08	\$7,788.65	\$8,100.19	\$8,424.20	\$8,761.17	\$9,111.61	\$9,476.08
E 602-43200-135	MN Paid Leave	\$708.08	\$736.40	\$765.86	\$796.49	\$828.35	\$861.49	\$895.95	\$931.78	\$969.06	\$1,007.82	\$1,048.13	\$1,090.06
E 602-43200-131	Employer Paid Health	\$14,433.16	\$15,010.49	\$15,610.91	\$16,235.34	\$16,884.76	\$17,560.15	\$18,262.55	\$18,993.05	\$19,752.78	\$20,542.89	\$21,364.60	\$22,219.19
E 602-43200-200	Office Supplies (GENERAL)	\$400.00	\$416.00	\$432.64	\$449.95	\$467.94	\$486.66	\$506.13	\$526.37	\$547.43	\$569.32	\$592.10	\$615.78
E 602-43200-205	Heating Fuel	\$1,000.00	\$1,040.00	\$1,081.60	\$1,124.86	\$1,169.86	\$1,216.65	\$1,265.32	\$1,315.93	\$1,368.57	\$1,423.31	\$1,480.24	\$1,539.45
E 602-43200-206	Electricity	\$21,000.00	\$21,840.00	\$22,713.60	\$23,622.14	\$24,567.03	\$25,549.71	\$26,571.70	\$27,634.57	\$28,739.95	\$29,889.55	\$31,085.13	\$32,328.54
E 602-43200-207	Computer Supplies	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
E 602-43200-208	Training and Instruction	\$1,000.00	\$1,040.00	\$1,081.60	\$1,124.86	\$1,169.86	\$1,216.65	\$1,265.32	\$1,315.93	\$1,368.57	\$1,423.31	\$1,480.24	\$1,539.45
E 602-43200-210	Operating Supplies (GENERAL)	\$1,000.00	\$1,040.00	\$1,081.60	\$1,124.86	\$1,169.86	\$1,216.65	\$1,265.32	\$1,315.93	\$1,368.57	\$1,423.31	\$1,480.24	\$1,539.45
E 602-43200-212	Motor Fuels	\$2,000.00	\$2,080.00	\$2,163.20	\$2,249.73	\$2,339.72	\$2,433.31	\$2,530.64	\$2,631.86	\$2,737.14	\$2,846.62	\$2,960.49	\$3,078.91
E 602-43200-213	Lubricants and Additives	\$500.00	\$520.00	\$540.80	\$562.43	\$584.93	\$608.33	\$632.66	\$657.97	\$684.28	\$711.66	\$740.12	\$769.73
E 602-43200-220	Repair/Maint Supply (GENERAL)	\$1,500.00	\$1,560.00	\$1,622.40	\$1,687.30	\$1,754.79	\$1,824.98	\$1,897.98	\$1,973.90	\$2,052.85	\$2,134.97	\$2,220.37	\$2,309.18
E 602-43200-221	Equipment Parts	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
E 602-43200-222	Tires	\$1,500.00	\$1,560.00	\$1,622.40	\$1,687.30	\$1,754.79	\$1,824.98	\$1,897.98	\$1,973.90	\$2,052.85	\$2,134.97	\$2,220.37	\$2,309.18
E 602-43200-240	Small Tools and Minor Equip	\$600.00	\$624.00	\$648.96	\$674.92	\$701.92	\$729.99	\$759.19	\$789.56	\$821.14	\$853.99	\$888.15	\$923.67
E 602-43200-250	Merchandise Resale (GENERAL)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
E 602-43200-301	Auditing and Acct g Services	\$3,500.00	\$3,640.00	\$3,785.60	\$3,937.02	\$4,094.50	\$4,258.29	\$4,428.62	\$4,605.76	\$4,789.99	\$4,981.59	\$5,180.85	\$5,388.09
E 602-43200-303	Engineering Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
E 602-43200-304	Legal Fees	\$100.00	\$104.00	\$108.16	\$112.49	\$116.99	\$121.67	\$126.53	\$131.59	\$136.86	\$142.33	\$148.02	\$153.95
E 602-43200-308	Testing/Analysis	\$1,700.00	\$1,768.00	\$1,838.72	\$1,912.27	\$1,988.76	\$2,068.31	\$2,151.04	\$2,237.08	\$2,326.57	\$2,419.63	\$2,516.42	\$2,617.07
E 602-43200-310	Other Professional Services	\$4,000.00	\$4,160.00	\$4,326.40	\$4,499.46	\$4,679.43	\$4,866.61	\$5,061.28	\$5,263.73	\$5,474.28	\$5,693.25	\$5,920.98	\$6,157.82
E 602-43200-322	Postage	\$700.00	\$728.00	\$757.12	\$787.40	\$818.90	\$851.66	\$885.72	\$921.15	\$958.00	\$996.32	\$1,036.17	\$1,077.62
E 602-43200-331	Travel Expenses	\$1,000.00	\$1,040.00	\$1,081.60	\$1,124.86	\$1,169.86	\$1,216.65	\$1,265.32	\$1,315.93	\$1,368.57	\$1,423.31	\$1,480.24	\$1,539.45
E 602-43200-361	General Liability Ins	\$2,452.74	\$2,550.85	\$2,652.88	\$2,759.00	\$2,869.36	\$2,984.13	\$3,103.50	\$3,227.64	\$3,356.74	\$3,491.01	\$3,630.65	\$3,775.88
E 602-43200-362	Property Ins	\$5,834.22	\$6,067.59	\$6,310.29	\$6,562.70	\$6,825.21	\$7,098.22	\$7,382.15	\$7,677.44	\$7,984.53	\$8,303.91	\$8,636.07	\$8,981.51
E 602-43200-366	Workers Compensation Insurance	\$2,555.30	\$2,657.51	\$2,763.81	\$2,874.36	\$2,989.34	\$3,108.91	\$3,233.27	\$3,362.60	\$3,497.10	\$3,636.99	\$3,782.47	\$3,933.77
E 602-4320-368	Refuse/Garbage Disposal	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
E 602-43200-401	Repairs/Maint Buildings	\$125.00	\$130.00	\$135.20	\$140.61	\$146.23	\$152.08	\$158.16	\$164.49	\$171.07	\$177.91	\$185.03	\$192.43
E 602-43200-402	Repairs/Maint Structures	\$10,000.00	\$10,400.00	\$10,816.00	\$11,248.64	\$11,698.59	\$12,166.53	\$12,653.19	\$13,159.32	\$13,685.69	\$14,233.12	\$14,802.44	\$15,394.54
E 602-43200-404	Repairs/Maint Machinery/Equip	\$4,500.00	\$4,680.00	\$4,867.20	\$5,061.89	\$5,264.36	\$5,474.94	\$5,693.94	\$5,921.69	\$6,158.56	\$6,404.90	\$6,661.10	\$6,927.54
E 602-43200-405	Depreciation (GENERAL)	\$20,000.00	\$20,800.00	\$21,632.00	\$22,497.28	\$23,397.17	\$24,333.06	\$25,306.38	\$26,318.64	\$27,371.38	\$28,466.24	\$29,604.89	\$30,789.08
E 602-43200-433	Dues and Subscriptions	\$8,735.00	\$9,084.40	\$9,447.78	\$9,825.69	\$10,218.71	\$10,627.46	\$11,052.56	\$11,494.66	\$11,954.45	\$12,432.63	\$12,929.93	\$13,447.13
New Debt for Lift-Station	Principal	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00
New Debt for Lift-Station	Interst												
E 602-43200-613	2023A Bond - Principal - <i>PW/PS Facility (381)</i>	\$16,056.93	\$13,134.57	\$13,430.09	\$13,732.27	\$14,041.25	\$14,357.17	\$14,680.21	\$15,010.51	\$5,557.60	\$5,682.64	\$5,810.50	\$5,941.24
E 602-43200-614	2023A Bond - Interest - <i>PW/PS Facility (381)</i>	\$9,723.83	\$7,490.03	\$7,194.50	\$6,892.33	\$6,583.35	\$6,267.42	\$1,251.30	\$5,614.08	\$5,276.34	\$5,151.30	\$5,023.44	\$4,892.70
E 602-43200-615	2023B Bond - Principal - <i>PW/PS Facility (382)</i>	\$3,176.31	\$2,595.05	\$2,650.19	\$2,706.51	\$2,764.02	\$2,822.75	\$2,882.73	\$2,943.99	\$1,029.30	\$1,051.18	\$1,073.51	\$1,096.33
E 602-43200-616	2023B Bond - Interest - <i>PW/PS Facility (382)</i>	\$1,713.04	\$1,316.43	\$1,261.28	\$1,204.97	\$1,147.45	\$1,088.71	\$1,028.73	\$967.48	\$904.92	\$883.04	\$860.71	\$837.89
		\$256,268.45	\$258,598.34	\$267,400.82	\$276,555.42	\$286,076.19	\$295,977.78	\$301,582.37	\$316,985.03	\$316,355.09	\$327,938.57	\$339,985.38	\$352,514.07





# MINNESOTA PUMP WORKS

-a UFT Company-

Minnesota Pump Works  
1 Cannon St W  
Dundas, MN 55019

# Quote

#QTE009680  
08/22/2025

**Bill To**  
Blackduck MN, City of  
PO Box 380  
Blackduck MN 56630  
United States  
Phone:

**Ship To**  
Blackduck MN, City of  
8 Summit Ave  
Blackduck MN 56630  
United States

### Details

Black Mallard LS Remodel - Quote for sale and installation of new pumps, control panel, and all piping at your Black Mallard LS. Licensed electrician required by city to mount and land service power for control panel, we will provide start up assistance. Vac truck also required by city while piping work is being done. Freight is not included.

Prepared By	Phone	Email
Ben Edlebeck	877-645-8004	<a href="mailto:info@minnesotapumpworks.com">info@minnesotapumpworks.com</a>

Sales Rep	Expires	Terms
Justin MacPherson	09/22/2025	Net 30

Item	Comment	QTY	Rate	Amount
<b>11697</b> ABS XFP080C CB1.4 PE20/6 2.7/230/3 49' XP 3" D/C	8.4 FLA	2	\$7,402.00	\$14,804.00
<b>11430</b> ABS SEAL LEAK/OVER TEMP RELAY, CA462, DIN RAIL MOUNTED,110/230V-AC		2	\$634.00	\$1,268.00
<b>23271</b> USEMCO DUPLEX NEMA 4X FLOOR MOUNT 3HP 230V PHASE CONVERSION VFD'S, SENTRY LITE PLC, TRANSDUCER, 3 FLOAT BACKUP, GEN POWER CIRCUITS, 12"X12" SPACE FOR DIALER	Full list of components included.	1	\$22,716.00	\$22,716.00
<b>10288</b> ABS 4" GRA PEDESTAL KIT DN100 XFP W/ELBOW - 2" SINGLE GR		2	\$1,056.00	\$2,112.00
<b>10647</b> ABS FASTENING KIT HRDWR 8X5/8-11X3, SS, 4" BRACKET TO PUMP		2	\$216.00	\$432.00
<b>17476</b> HALLIDAY 2" UGRB SINGLE 304SS U4A EA 00A 03K A 3.3 CL (U4A SR UGBB) ABS PN 41686001		2	\$104.00	\$208.00

Thank you for your business.  
Toll Free: 877-645-8004 | Email: [info@minnesotapumpworks.com](mailto:info@minnesotapumpworks.com) | Website: <http://www.minnesotapumpworks.com>



QTE009680



**MINNESOTA PUMP WORKS**

-a UFT Company-

Minnesota Pump Works  
1 Cannon St W  
Dundas, MN 55019

**Quote**  
**#QTE009680**  
08/22/2025

Item	Comment	QTY	Rate	Amount
<b>19764</b> PIPE 2" 304SS SCH40 PIPE PE		40	\$24.00	\$960.00
<b>18587</b> J-HOOK, STAINLESS STEEL		1	\$21.00	\$21.00
<b>17621</b> HALLIDAY J6A 316SS 6-HOOK CABLE RACK		1	\$95.00	\$95.00
<b>13369</b> CHAIN 1/4" 316SS HIGH TEST CHAIN		40	\$8.75	\$350.00
<b>20638</b> SHACKLE 5/16" 316SS BOW SHACKLE RATED FOR 1,300 LBS		2	\$8.50	\$17.00
<b>10042</b> 4" SB FLANGE COUPLING ADAPTER(FCA) W/OUT PINS		2	\$420.00	\$840.00
<b>26131</b> PIPE 4" DUCTILE IRON SPOOL 4" x 19'-10" FLXFL	TO MAKE 2EA FLGXPE SPOOLS FOR RISERS CONFIRM RISER LENGTH - MAX RISE EA 9' 10"	1	\$3,300.00	\$3,300.00
<b>25454</b> VALVE CHECK PRATT 0400-851FL-1-FS-C 4" FLG SWING FLEX CHECK VALVE		2	\$807.00	\$1,614.00
<b>23933</b> VALVE PLUG PRATT/MILLIKEN 0400-601NITC-L 4" FLG PLUG VALVE W/2" NUT & LEVER		2	\$810.00	\$1,620.00
<b>14807</b> ELBOW 4" FLANGED 90 DEGREE		2	\$291.00	\$582.00
<b>15545</b> GASKET 4" X 1/8" FULL FACE GASKET		10	\$15.00	\$150.00
<b>13161</b> BOLT 5/8 X 3 HEX BOLT ZINC		80	\$1.60	\$128.00
<b>19371</b> NUT 5/8" ZINC		80	\$0.40	\$32.00
<b>21924</b> WEDGE ANCHOR 3/4 X 5-1/2 SS		8	\$14.00	\$112.00
<b>21928</b> WEDGE ANCHOR 3/8 x 3" SS		8	\$3.25	\$26.00

Thank you for your business.  
Toll Free: 877-645-8004 | Email: [info@minnesotapumpworks.com](mailto:info@minnesotapumpworks.com) | Website: <http://www.minnesotapumpworks.com>



QTE009680



**MINNESOTA PUMP WORKS**  
-a UFT Company-

Minnesota Pump Works  
1 Cannon St W  
Dundas, MN 55019

**Quote**  
**#QTE009680**  
08/22/2025

Item	Comment	QTY	Rate	Amount
INSTALL SERVICES	2 Tech Mobilization / Installation / On Site Service / Confined Space	1		\$4,438.00
			<b>Subtotal</b>	\$55,825.00
			<b>Total</b>	\$55,825.00

*Pricing is valid for 10 days and does not include freight charges or applicable taxes.*

**Items quoted for repair and leftover 30 days, without a decision to repair, will be discarded.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**NOTE: All orders are subject to Tariff Surcharges. Tariff Surcharges are based on Tariff values charged by individual Vendors and are not set amount. These Tariff Surcharges are subject to change at any time.**

**Online credit card/ECheck payments are handled by a third party processor and 3% fees will apply when making payment.**





Duplex NEMA 4X (#304 stainless steel) floor mount control panel for operation on a 230 volt 1 phase 3 wire service. Controls to operate two 3 HP motors on a pump down mode and include the following:

- 18" Stainless steel floor stands with ventilated skirts front & rear
- Padlockable 3-point latching handle
- Ventilation louvers & filters
- Inner door
- Lightning arrestor
- (2) Pump circuit breakers
- (2) Mitsubishi F800 series variable frequency drives de-rated for phase service with door mount keypads
- Load center
- Control circuit breaker
- Duplex GFI convenience receptacle
- Touch safe heater with thermostat
- Cooling fan & thermostat
- Serialized UL 698A label relating to hazardous locations with intrinsically safe circuit extensions
- USEMCO "SENTRY Lite" constant speed pump controller with 7" color touch screen operator interface
- Blue Ribbon Birdcage submersible level sensor with 40 feet of cord
- Intrinsically safe barrier protection for level sensor
- (3) Float switches with 50' cord
- Low level light
- High level light
- Pump delay timers
- (2) Hand-Off-Auto selector switches
- (2) Run lights
- (3) Run Time Meters
- (2) Fail lights
- (2) Fail reset push buttons
- Overtemp shutdown
- (2) Overtemp alarm lights
- (2) Seal fail alarm lights
- (2) Overtemp/seal fail reset push buttons
- 120 VAC external alarm light
- 120 VAC external alarm horn with alarm silence push button
- Unpowered dry alarm contacts
- Laminated wiring schematic affixed inside enclosure
- Wire numbered
- Terminal strip
- Factory wired & tested
- One year factory warranty



#### ACCEPTANCE

The following Terms and Conditions are an integral part of the offer to sell the equipment and/or services offered in this proposal. When the BUYER signifies acceptance of this quotation by submission of a Purchase Order or signed SELLER Quotation, it shall become a binding contract when accepted and signed by an authorized signer of the SELLER. Any changes or amendments to this proposal made by the BUYER must have SELLER's approval in writing to become a part of this contract. These Terms and Conditions and the accompanying Purchase Order or signed SELLER Quotation shall comprise the entire agreement between the parties and no course of prior dealings between the parties and no usage of the trade shall be relevant to supplement or explain any terms used in this contract. Unless stated otherwise, the terms and conditions of the manufacturers listed herein will apply to this quotation. Any attachments or listed documents are considered a part of this quotation and are made part of the agreement. **Quote is firm for thirty (30) days unless otherwise stated on the face of the attached quotation.**

#### APPROVAL DRAWINGS

All items listed are based on SELLER'S interpretation of the requirements in accordance with the plans and specifications. Any preliminary drawings or literature attached to our quotation are for illustration purposes only to show approximate arrangements. Specific drawings and submittal data will be furnished for approval as required after receipt and acceptance of the BUYER'S order. Any submittal or manuals when provided by SELLER will be in the form of a PDF electronic file only. Any form of media beyond the electronic file would be the responsibility of BUYER. Fabrication of products or equipment ordered will not begin until approval and direction to proceed is received in writing. No warranty is made regarding quantities, materials of construction or type of materials quoted. Operation, installation, and maintenance of materials quoted are the responsibility of the OWNER or CONTRACTOR.

#### DELIVERY

Any shipment or delivery date recited represents our best estimate, but no liability, direct or indirect, is assumed by SELLER for failure to ship or deliver on such dates. Unless otherwise directed, SELLER shall have the right to make early or partial shipments and invoices covering the same to BUYER shall be due and payable in accordance with payment terms hereof. FOB shall be origin unless stated otherwise on the front of these Terms and Conditions. Delivery schedule(s) will be contingent on supply-chain availability and variability for material components, therefore, lead-times are subject to change without notice. Published weights are careful estimates but are not guaranteed. SELLER will endeavor, insofar, as it is possible, to comply with shipping instructions specified by the Purchaser. However, SELLER reserves the right to ship merchandise by such means of transportation as it may select. The manufacturer will ship the equipment via best way. Demurrage shall be billed to the account of the Purchaser. **DAMAGE CLAIMS:** Care is taken in packaging all shipments. After BUYER has been given the receipt by the transportation company, all claims for breakage or shortages, whether concealed or obvious, must be made in writing by the BUYER to the carrier and SELLER within seven (7) days after receipt of shipment. When damage or shortages are obvious, written comments on the bill of lading are required before the driver is released. **RETURNED PRODUCTS:** In no instance is equipment to be returned without first obtaining SELLER'S written approval and returned materials authorization. If shipment is postponed at the request of the purchaser after manufacturing has been commenced, payment will be due on notice from us that the equipment is ready for shipment. Pro rata payments shall be made for partial shipments.

#### STORAGE

Any item of the product on which shipment is delayed by BUYER may be placed in storage by SELLER at BUYER'S expense and risk. If a delay in shipment is requested by BUYER after an order has been entered and accepted:

- a. No charge will be made if the request for delay is made more than six (6) weeks before acknowledged shipping date and the requested delay is for a period not in excess of thirty (30) days.
- b. A charge will be made if the requested delay exceeds a period of thirty (30) days or if the request is made within six (6) weeks of the acknowledged shipping date. SELLER will advise BUYER of the charge within ten (10) days of receiving BUYER'S request for delay.
- c. If the product is within six (6) weeks of the acknowledged shipping date, then SELLER has the option of completing, invoicing and storing the product and charging one and one-half percent (1.5%) per month, or the maximum percentage permitted by law, whichever is lesser, of the established price for such product, plus storage cost.

#### PAYMENT

Payment terms, upon credit approval, are of net thirty (30) days from the date of each invoice for material shipped (or when ready for shipment if shipment is deferred by BUYER) **unless stated otherwise on the face of the attached quotation.** Flow down provisions are not accepted and shall not be enforceable against SELLER. Retention is not allowed. In the event any payment becomes past due, a charge of one-half percent (1.5%) will be assessed monthly. These terms are completely independent from, and not contingent upon, when BUYER receives payment from the OWNER. A processing fee of up to four percent (4%) will be added for credit card payments. All merchandise sold is subject to lien laws. Partial or final payment shall constitute acceptance of delivered materials, products, or equipment.

#### FORCE MAJEURE

Neither Party will be liable for any failure or delay in performing an obligation under these Terms and Conditions that is due to any of the following causes, to the extent beyond its reasonable control: acts of God, accident, riots, war, terrorist act, epidemic, pandemic, quarantine, civil commotion, breakdown of communication facilities, breakdown of web host, breakdown of internet service provider, natural catastrophes, governmental acts or omissions, changes in laws or regulations, national strikes, fire, explosion, generalized lack of availability of raw materials or energy. For the avoidance of doubt, Force Majeure shall not include (a) financial distress nor the inability of either party to make a profit or avoid a financial loss, (b) changes in market prices or conditions, or (c) a party's financial inability to perform its obligations hereunder.

#### TAXES AND BONDS

Taxes and bonds are **NOT** included in our pricing. Any applicable taxes or bonds will be added to the price and shown separately on each invoice. All prices exclude sales, use, duties, excise, and other taxes in respect to manufacture, sale, or delivery, all of which are to be paid by the buyer unless a proper exemption certificate is furnished. BUYER agrees to reimburse our company for taxes SELLER must pay on BUYER'S behalf.

#### PRICE ESCALATION and/or MATERIAL DEPOSITS

If between the proposal date and actual procurement and through no fault of the SELLER, the relevant cost of labor, material, freight, brokerage fees, tariffs, and other SELLER costs combined relating to the contract increase, then the contract price shall be subject to escalation and increased accordingly. If required by the BUYER, increase shall be verified by documentation and the amount of contract price escalation shall be calculated as either the actual increased cost to the Seller or, if agreed by the Parties, the equivalent increase of a relevant industry recognized third-party index. SELLER shall undertake good faith efforts to obtain savings in its procurement of materials to avoid escalation costs. BUYER shall cooperate with SELLER in such efforts to obtain such cost savings. SELLER shall contemporaneously track any escalation costs.



#### CLAIMS AND BACKCHARGES

BUYER agrees to examine all materials immediately upon delivery and report to SELLER in writing any defects or shortages noted no later than ten (10) days following the date of receipt. The parties agree that if no such claim is made within said time, it shall be considered acceptable and in good order with respect to any defect or shortage which would have been revealed by such an inspection. In no event will SELLER be responsible for any charge for modification, servicing, adjustment or for any other expense without written authorization from SELLER prior to the performance of any such work. IN NO EVENT SHALL SELLER BE LIABLE TO BUYER OR ANY THIRD PARTY FOR ANY LOSS OF USE, REVENUE OR PROFIT, OR FOR CONSEQUENTIAL, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES, FOR ANY REASON, INCLUDING WITHOUT LIMITATION, DAMAGES ARISING OUT OF A DELAY IN OR FAILURE OF DELIVERY, DEFECTS IN MATERIAL AND WORKMANSHIP AND/OR FAILURE OF GOODS TO PERFORM TO APPLICABLE SPECIFICATIONS, DRAWINGS, BLUEPRINTS OR SAMPLES AS SET FORTH OR DESCRIBED HEREIN, IF ANY, OF A BREACH BY SELLER OF ANY OTHER TERM OR OBLIGATION OF SELLER UNDER THE CONTRACT. No penalty clauses of any description will be effective unless approved in writing over the signature of a principal of SELLER. Under no circumstances shall SELLER be liable for any consequential, special or incidental damages, including liquidated damages, arising from any breach by it in this transaction, AND ALL SUCH CONSEQUENTIAL, SPECIAL AND INCIDENTAL DAMAGES, INCLUDING LIQUIDATED DAMAGES, ARE EXCLUDED FROM ANY REMEDIES AVAILABLE TO THE BUYER.

#### SECURITY INTEREST & TITLE

Until all amounts due SELLER have been paid in full, SELLER shall retain a security interest in the product and have all rights of a secured party under the Uniform Commercial Code and applicable law, including the right to repossess the product or equipment without legal process and the right to require the BUYER to assemble the equipment and make it available to SELLER at a place reasonably convenient to both parties.

#### WARRANTY

Equipment and parts not manufactured by the SELLER carry only the warranty of the manufacturer of said parts. SELLER does not make any express or implied warranty for equipment and/or parts it did not manufacture. Credits for defective material and workmanship in said equipment and/or parts are only in accordance with the underlying company policy of the manufacturer. SELLER makes no warranty whatsoever with respect to any equipment and/or parts as to their merchantability or fitness for a particular purpose. It is further agreed that the SELLER assumes no liability whatsoever for failure of equipment due to normal usage and wear.

#### INDEMNIFICATION

To the fullest extent permitted by the law in which the project is located, BUYER and SELLER shall indemnify and hold one another and their respective employees and agents harmless from and against all claims, damages, losses, liabilities, actions, causes of action, demands, fines, penalties, judgments, costs, and expenses, including but not limited to attorneys' fees, court costs, expert fees and costs, arising out of or resulting from BUYER's or SELLER's own negligent acts, omissions or misconduct, to the extent such negligence is covered by BUYER's and SELLER's respective insurance policies. In the event any third party asserts against SELLER a claim for patent infringement, royalties or licensing fees with respect to BUYER's use of the products, materials, or equipment provided hereunder, BUYER agrees to indemnify SELLER for all liability damages, costs and expenses in connection therewith.

#### CANCELLATION

Buyer may cancel this contract only in writing signed by BUYER's duly authorized agent and acknowledged in writing by SELLER's duly authorized agent. Should this order be cancelled, BUYER shall be obligated to pay for the level of work performed and products shipped. Work performed includes any engineering, calculations, preparation of submittals, drawings, and/or travel to job site in relation to this order. In addition to any other remedies provided under these Terms and Conditions, SELLER may terminate this contract with immediate effect by providing signed, written notice to BUYER, if BUYER: (i) fails to pay any amount when due under the contract and such failure continues for 30 days after BUYER's receipt of written notice of nonpayment; (ii) has not otherwise performed or complied with any of these Terms and Conditions; or (iii) becomes insolvent, files a petition for bankruptcy or commences or has commenced against it proceedings in bankruptcy, receivership, reorganization or assignment for the benefit of creditors.

#### FIELD WORK

Unless specifically stated on our quotation, installation, start-up service, field testing, supervision, operation, and training are not included in our pricing of product. In the event that SELLER or any of its employees or agents do perform work or services on-site at the project's location, BUYER agrees to hold SELLER and its employees or agents harmless for any injuries or damage to property caused by their acts or omission, except to the extent said injuries or property damage arise from gross negligence or intentional misconduct.

#### MODIFICATIONS

This contract can be modified only in writing which specifically states that it amends these Terms and Conditions and is signed by both parties and their duly authorized agents. It is further agreed that this contract shall not be modified in any respect except in writing signed by the party and their duly authorized agent against whom the modification is sought to be enforced.

#### AUTHORITY OF SELLER'S AGENTS

No agent, employee or representative of the SELLER has any authority to bind the SELLER to any affirmation, representation or warranty concerning the goods sold under this Contract, and unless an affirmation, representation or warranty made by an agent, employee, or representative is specifically included within this written contract, it shall not be enforceable by the BUYER.

#### NO THIRD-PARTY BENEFICIARIES

This contract is for the sole benefit of BUYER and SELLER and their respective successors and permitted assigns and nothing herein, express or implied, is intended to or shall confer upon any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of these Terms and Conditions.

#### GOVERNING LAW

All matters arising of or relating to the contract or the Terms and Conditions shall be governed by and construed in accordance with the laws of the state in which the project is located.

**DISPUTE RESOLUTION**

In the event of any dispute between BUYER and SELLER arising out of the terms of the contract and these Terms and Conditions, such dispute shall be decided by arbitration administered by the American Arbitration Association in accordance with the then-prevailing Commercial Arbitration Rules and Mediation Procedures of the American Arbitration Association. BUYER and SELLER mutually agree that any dispute involving claims valued at or above \$1,000,000.00 shall be heard by a panel of three (3) arbitrators. The venue for all arbitration proceedings shall be the State of California. The foregoing agreement to arbitrate shall be specifically enforceable in any court of competent jurisdiction. The award rendered by the arbitrators shall be final and judgment may be entered upon it in accordance with applicable law in any court of competent jurisdiction.

**SEVERABILITY**

The partial or complete invalidity of any one or more provisions of these Terms and Conditions shall not affect the validity or continuing force and effect of any other provision. If any provision is invalid, in whole or in part, the provision shall be considered reformed to reflect the intent thereof to the greatest extent possible consistent with applicable law.

**ASSIGNMENT – DELEGATION**

No right or interest in this Contract shall be assigned by the BUYER without the written permission of the SELLER, and no delegation of any obligation owed, or of the performance of any obligation by the BUYER shall be made without the written permission of the SELLER. Any attempted assignment or delegation shall be wholly void and totally ineffective for all purposes unless made in conformity with this paragraph.

Please Remit to:  
PO Box 735936  
Chicago IL, 60673-5936  
Online payment accepted at <http://www.iowapumpworks.com>  
Pay Now 3% charge for credit card and \$2.25 charge for e-check  
PAST DUE INVOICES ARE SUBJECT TO 1.5% PER MONTH FINANCE CHARGE



**MINNESOTA PUMP WORKS**

-a UFT Company-

Minnesota Pump Works  
1 Cannon St W  
Dundas, MN 55019

**Quote**  
**#QTE009810**  
09/08/2025

**Bill To**  
Blackduck MN, City of  
PO Box 380  
Blackduck MN 56630  
United States  
Phone:

**Ship To**  
Blackduck MN, City of  
8 Summit Ave  
Blackduck MN 56630  
United States

**Details**

Quote for sale of new Sulzer XFP pumps and USEMCO control panel for your Main LS. Licensed electrician required by city to mount and land service power for control panel, we will provide start up assistance. Freight not included.

Prepared By	Phone	Email
Ben Edlebeck	877-645-8004	<a href="mailto:info@minnesotapumpworks.com">info@minnesotapumpworks.com</a>

Sales Rep	Expires	Terms
Justin MacPherson	10/08/2025	Net 30

Item	Comment	QTY	Rate	Amount
<b>11969</b> ABS XFP150G CB1.6 PE185/4 24.8/230/3 49' XP 6" D/C.	64.6 FLA @ 230V	2	\$27,504.00	\$55,008.00
<b>11430</b> ABS SEAL LEAK/OVER TEMP RELAY, CA462, DIN RAIL MOUNTED, 110/230V-AC		2	\$634.00	\$1,268.00
<b>26839</b> USEMCO DUPLEX NEMA 4X FLOOR MOUNT 25HP 230V 3PH, SENTRY LITE PLC, TRANSDUCER, 3 FLOAT BACKUP, GEN POWER CIRCUITS, 12"X12" SPACE FOR DIALER	Full list of components included.	1	\$24,785.00	\$24,785.00
ADAPTER BRACKET Group 6" DISCHARGE DUAL RAIL		2		\$2,091.20
INSTALL SERVICES	Mobilization / Installation / On Site Service	1		\$2,488.66

Thank you for your business.  
Toll Free: 877-645-8004 | Email: [info@minnesotapumpworks.com](mailto:info@minnesotapumpworks.com) | Website: <http://www.minnesotapumpworks.com>



QTE009810



Duplex NEMA 4X (#304 stainless steel) floor mount control panel for operation on a 230 volt 3 phase 3 wire service. Controls to operate two 25 HP motors on a pump down mode and include the following:

- 18" Stainless steel floor stands with ventilated skirts front & rear
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- 120 VAC external alarm light
- 120 VAC external alarm horn with alarm silence push button
- Unpowered dry alarm contacts
- Laminated wiring schematic affixed inside enclosure
- Wire numbered
- Terminal strip
- Factory wired & tested
- One year factory warranty
- 12" X 12" spare space given for dialer



**MINNESOTA PUMP WORKS**

-a UFT Company-

Minnesota Pump Works  
1 Cannon St W  
Dundas, MN 55019

**Quote**  
**#QTE009810**  
09/08/2025

**Subtotal** \$85,640.86

**Total** \$85,640.86

*Pricing is valid for 10 days and does not include freight charges or applicable taxes.*

**Items quoted for repair and leftover 30 days, without a decision to repair, will be discarded.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**NOTE: All orders are subject to Tariff Surcharges. Tariff Surcharges are based on Tariff values charged by individual Vendors and are not set amount. These Tariff Surcharges are subject to change at any time.**

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QTE009810



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- c. If the product is within six (6) weeks of the acknowledged shipping date, then SELLER has the option of completing, invoicing and storing the product and charging one and one-half percent (1.5%) per month, or the maximum percentage permitted by law, whichever is lesser, of the established price for such product, plus storage cost.

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#### CLAIMS AND BACKCHARGES

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#### SECURITY INTEREST & TITLE

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Equipment and parts not manufactured by the SELLER carry only the warranty of the manufacturer of said parts. SELLER does not make any express or implied warranty for equipment and/or parts it did not manufacture. Credits for defective material and workmanship in said equipment and/or parts are only in accordance with the underlying company policy of the manufacturer. SELLER makes no warranty whatsoever with respect to any equipment and/or parts as to their merchantability or fitness for a particular purpose. It is further agreed that the SELLER assumes no liability whatsoever for failure of equipment due to normal usage and wear.

#### INDEMNIFICATION

To the fullest extent permitted by the law in which the project is located, BUYER and SELLER shall indemnify and hold one another and their respective employees and agents harmless from and against all claims, damages, losses, liabilities, actions, causes of action, demands, fines, penalties, judgments, costs, and expenses, including but not limited to attorneys' fees, court costs, expert fees and costs, arising out of or resulting from BUYER's or SELLER's own negligent acts, omissions or misconduct, to the extent such negligence is covered by BUYER's and SELLER's respective insurance policies. In the event any third party asserts against SELLER a claim for patent infringement, royalties or licensing fees with respect to BUYER's use of the products, materials, or equipment provided hereunder, BUYER agrees to indemnify SELLER for all liability damages, costs and expenses in connection therewith.

#### CANCELLATION

Buyer may cancel this contract only in writing signed by BUYER's duly authorized agent and acknowledged in writing by SELLER's duly authorized agent. Should this order be cancelled, BUYER shall be obligated to pay for the level of work performed and products shipped. Work performed includes any engineering, calculations, preparation of submittals, drawings, and/or travel to job site in relation to this order. In addition to any other remedies provided under these Terms and Conditions, SELLER may terminate this contract with immediate effect by providing signed, written notice to BUYER, if BUYER: (i) fails to pay any amount when due under the contract and such failure continues for 30 days after BUYER's receipt of written notice of nonpayment; (ii) has not otherwise performed or complied with any of these Terms and Conditions; or (iii) becomes insolvent, files a petition for bankruptcy or commences or has commenced against it proceedings in bankruptcy, receivership, reorganization or assignment for the benefit of creditors.

#### FIELD WORK

Unless specifically stated on our quotation, installation, start-up service, field testing, supervision, operation, and training are not included in our pricing of product. In the event that SELLER or any of its employees or agents do perform work or services on-site at the project's location, BUYER agrees to hold SELLER and its employees or agents harmless for any injuries or damage to property caused by their acts or omission, except to the extent said injuries or property damage arise from gross negligence or intentional misconduct.

#### MODIFICATIONS

This contract can be modified only in writing which specifically states that it amends these Terms and Conditions and is signed by both parties and their duly authorized agents. It is further agreed that this contract shall not be modified in any respect except in writing signed by the party and their duly authorized agent against whom the modification is sought to be enforced.

#### AUTHORITY OF SELLER'S AGENTS

No agent, employee or representative of the SELLER has any authority to bind the SELLER to any affirmation, representation or warranty concerning the goods sold under this Contract, and unless an affirmation, representation or warranty made by an agent, employee, or representative is specifically included within this written contract, it shall not be enforceable by the BUYER.

#### NO THIRD-PARTY BENEFICIARIES

This contract is for the sole benefit of BUYER and SELLER and their respective successors and permitted assigns and nothing herein, express or implied, is intended to or shall confer upon any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of these Terms and Conditions.

#### GOVERNING LAW

All matters arising of or relating to the contract or the Terms and Conditions shall be governed by and construed in accordance with the laws of the state in which the project is located.

**DISPUTE RESOLUTION**

In the event of any dispute between BUYER and SELLER arising out of the terms of the contract and these Terms and Conditions, such dispute shall be decided by arbitration administered by the American Arbitration Association in accordance with the then-prevailing Commercial Arbitration Rules and Mediation Procedures of the American Arbitration Association. BUYER and SELLER mutually agree that any dispute involving claims valued at or above \$1,000,000.00 shall be heard by a panel of three (3) arbitrators. The venue for all arbitration proceedings shall be the State of California. The foregoing agreement to arbitrate shall be specifically enforceable in any court of competent jurisdiction. The award rendered by the arbitrators shall be final and judgment may be entered upon it in accordance with applicable law in any court of competent jurisdiction.

**SEVERABILITY**

The partial or complete invalidity of any one or more provisions of these Terms and Conditions shall not affect the validity or continuing force and effect of any other provision. If any provision is invalid, in whole or in part, the provision shall be considered reformed to reflect the intent thereof to the greatest extent possible consistent with applicable law.

**ASSIGNMENT – DELEGATION**

No right or interest in this Contract shall be assigned by the BUYER without the written permission of the SELLER, and no delegation of any obligation owed, or of the performance of any obligation by the BUYER shall be made without the written permission of the SELLER. Any attempted assignment or delegation shall be wholly void and totally ineffective for all purposes unless made in conformity with this paragraph.

Please Remit to:  
PO Box 735936  
Chicago IL, 60673-5936  
Online payment accepted at <http://www.iowapumpworks.com>  
Pay Now 3% charge for credit card and \$2.25 charge for e-check  
PAST DUE INVOICES ARE SUBJECT TO 1.5% PER MONTH FINANCE CHARGE



**MINNESOTA PUMP WORKS**

-a UFT Company-

Minnesota Pump Works  
1 Cannon St W  
Dundas, MN 55019

**Quote**  
#QTE009679  
08/22/2025

**Bill To**  
Blackduck MN, City of  
PO Box 380  
Blackduck MN 56630  
United States  
Phone:

**Ship To**  
Blackduck MN, City of  
8 Summit Ave  
Blackduck MN 56630  
United States

**Details**

West End LS Remodel - Quote for sale and installation of new pumps, control panel, and all piping at your West End LS. Licensed electrician required by city to mount and land service power for control panel, we will provide start up assistance. Vac truck also required by city while piping work is being done. Freight is not included.

Prepared By	Phone	Email
Ben Edlebeck	877-645-8004	<a href="mailto:info@minnesotapumpworks.com">info@minnesotapumpworks.com</a>

Sales Rep	Expires	Terms
Justin MacPherson	09/22/2025	Net 30

Item	Comment	QTY	Rate	Amount
<b>11693</b> ABS XFP080C CB1.2 PE20/6 2.7/230/3 49' XP 3" D/C	8.4 FLA	2	\$7,402.00	\$14,804.00
<b>11430</b> ABS SEAL LEAK/OVER TEMP RELAY, CA462, DIN RAIL MOUNTED,110/230V-AC		2	\$634.00	\$1,268.00
<b>23271</b> USEMCO DUPLEX NEMA 4X FLOOR MOUNT 3HP 230V PHASE CONVERSION VFD'S, SENTRY LITE PLC, TRANSDUCER, 3 FLOAT BACKUP, GEN POWER CIRCUITS, 12"X12" SPACE FOR DIALER	Full list of components included.	1	\$22,716.00	\$22,716.00
<b>10288</b> ABS 4" GRA PEDESTAL KIT DN100 XFP W/ELBOW - 2" SINGLE GR		2	\$1,056.00	\$2,112.00
<b>10647</b> ABS FASTENING KIT HRDWR 8X5/8-11X3, SS, 4" BRACKET TO PUMP		2	\$216.00	\$432.00
<b>17476</b> HALLIDAY 2" UGRB SINGLE 304SS U4A EA 00A 03K A 3.3 CL (U4A SR UGBB) ABS PN 41686001		2	\$104.00	\$208.00

Thank you for your business.  
Toll Free: 877-645-8004 | Email: [info@minnesotapumpworks.com](mailto:info@minnesotapumpworks.com) | Website: <http://www.minnesotapumpworks.com>



QTE009679



**MINNESOTA PUMP WORKS**

-a UFT Company-

Minnesota Pump Works  
1 Cannon St W  
Dundas, MN 55019

**Quote**  
**#QTE009679**  
08/22/2025

Item	Comment	QTY	Rate	Amount
<b>19764</b> PIPE 2" 304SS SCH40 PIPE PE		40	\$24.00	\$960.00
<b>18587</b> J-HOOK, STAINLESS STEEL		1	\$21.00	\$21.00
<b>17621</b> HALLIDAY J6A 316SS 6-HOOK CABLE RACK		1	\$95.00	\$95.00
<b>13369</b> CHAIN 1/4" 316SS HIGH TEST CHAIN		40	\$8.75	\$350.00
<b>20638</b> SHACKLE 5/16" 316SS BOW SHACKLE RATED FOR 1,300 LBS		2	\$8.50	\$17.00
<b>10042</b> 4" SB FLANGE COUPLING ADAPTER(FCA) W/OUT PINS		2	\$420.00	\$840.00
<b>26131</b> PIPE 4" DUCTILE IRON SPOOL 4" x 19'-10" FLXFL	TO MAKE 2EA FLGXPE SPOOLS FOR RISERS CONFIRM RISER LENGTH - MAX RISE EA 9' 10"	1	\$3,300.00	\$3,300.00
<b>25454</b> VALVE CHECK PRATT 0400-851FL-1-FS-C 4" FLG SWING FLEX CHECK VALVE		2	\$807.00	\$1,614.00
<b>23933</b> VALVE PLUG PRATT/MILLIKEN 0400-601NITC-L 4" FLG PLUG VALVE W/2" NUT & LEVER		2	\$810.00	\$1,620.00
<b>14807</b> ELBOW 4" FLANGED 90 DEGREE		2	\$291.00	\$582.00
<b>15545</b> GASKET 4" X 1/8" FULL FACE GASKET		10	\$15.00	\$150.00
<b>13161</b> BOLT 5/8 X 3 HEX BOLT ZINC		80	\$1.60	\$128.00
<b>19371</b> NUT 5/8" ZINC		80	\$0.40	\$32.00
<b>21924</b> WEDGE ANCHOR 3/4 X 5-1/2 SS		8	\$14.00	\$112.00
<b>21928</b> WEDGE ANCHOR 3/8 x 3" SS		8	\$3.25	\$26.00

Thank you for your business.  
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QTE009679



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-a UFT Company-

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1 Cannon St W  
Dundas, MN 55019

**Quote**  
**#QTE009679**  
08/22/2025

Item	Comment	QTY	Rate	Amount
INSTALL SERVICES	2 Tech Mobilization / Installation / On Site Service / Confined Space	1		\$4,438.00

**Subtotal** \$55,825.00

**Total** \$55,825.00

*Pricing is valid for 10 days and does not include freight charges or applicable taxes.*

**Items quoted for repair and leftover 30 days, without a decision to repair, will be discarded.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**NOTE: All orders are subject to Tariff Surcharges. Tariff Surcharges are based on Tariff values charged by individual Vendors and are not set amount. These Tariff Surcharges are subject to change at any time.**

**Online credit card/ECheck payments are handled by a third party processor and 3% fees will apply when making payment.**





Duplex NEMA 4X (#304 stainless steel) floor mount control panel for operation on a 230 volt 1 phase 3 wire service. Controls to operate two 3 HP motors on a pump down mode and include the following:

- 18" Stainless steel floor stands with ventilated skirts front & rear
- Padlockable 3-point latching handle
- Ventilation louvers & filters
- Inner door
- Lightning arrestor
- (2) Pump circuit breakers
- (2) Mitsubishi F800 series variable frequency drives de-rated for phase service with door mount keypads
- Load center
- Control circuit breaker
- Duplex GFI convenience receptacle
- Touch safe heater with thermostat
- Cooling fan & thermostat
- Serialized UL 698A label relating to hazardous locations with intrinsically safe circuit extensions
- USEMCO "SENTRY Lite" constant speed pump controller with 7" color touch screen operator interface
- Blue Ribbon Birdcage submersible level sensor with 40 feet of cord
- Intrinsically safe barrier protection for level sensor
- (3) Float switches with 50' cord
- Low level light
- High level light
- Pump delay timers
- (2) Hand-Off-Auto selector switches
- (2) Run lights
- (3) Run Time Meters
- (2) Fail lights
- (2) Fail reset push buttons
- Overtemp shutdown
- (2) Overtemp alarm lights
- (2) Seal fail alarm lights
- (2) Overtemp/seal fail reset push buttons
- 120 VAC external alarm light
- 120 VAC external alarm horn with alarm silence push button
- Unpowered dry alarm contacts
- Laminated wiring schematic affixed inside enclosure
- Wire numbered
- Terminal strip
- Factory wired & tested
- One year factory warranty



#### ACCEPTANCE

The following Terms and Conditions are an integral part of the offer to sell the equipment and/or services offered in this proposal. When the BUYER signifies acceptance of this quotation by submission of a Purchase Order or signed SELLER Quotation, it shall become a binding contract when accepted and signed by an authorized signer of the SELLER. Any changes or amendments to this proposal made by the BUYER must have SELLER's approval in writing to become a part of this contract. These Terms and Conditions and the accompanying Purchase Order or signed SELLER Quotation shall comprise the entire agreement between the parties and no course of prior dealings between the parties and no usage of the trade shall be relevant to supplement or explain any terms used in this contract. Unless stated otherwise, the terms and conditions of the manufacturers listed herein will apply to this quotation. Any attachments or listed documents are considered a part of this quotation and are made part of the agreement. **Quote is firm for thirty (30) days unless otherwise stated on the face of the attached quotation.**

#### APPROVAL DRAWINGS

All items listed are based on SELLER'S interpretation of the requirements in accordance with the plans and specifications. Any preliminary drawings or literature attached to our quotation are for illustration purposes only to show approximate arrangements. Specific drawings and submittal data will be furnished for approval as required after receipt and acceptance of the BUYER'S order. Any submittal or manuals when provided by SELLER will be in the form of a PDF electronic file only. Any form of media beyond the electronic file would be the responsibility of BUYER. Fabrication of products or equipment ordered will not begin until approval and direction to proceed is received in writing. No warranty is made regarding quantities, materials of construction or type of materials quoted. Operation, installation, and maintenance of materials quoted are the responsibility of the OWNER or CONTRACTOR.

#### DELIVERY

Any shipment or delivery date recited represents our best estimate, but no liability, direct or indirect, is assumed by SELLER for failure to ship or deliver on such dates. Unless otherwise directed, SELLER shall have the right to make early or partial shipments and invoices covering the same to BUYER shall be due and payable in accordance with payment terms hereof. FOB shall be origin unless stated otherwise on the front of these Terms and Conditions. Delivery schedule(s) will be contingent on supply-chain availability and variability for material components, therefore, lead-times are subject to change without notice. Published weights are careful estimates but are not guaranteed. SELLER will endeavor, insofar, as it is possible, to comply with shipping instructions specified by the Purchaser. However, SELLER reserves the right to ship merchandise by such means of transportation as it may select. The manufacturer will ship the equipment via best way. Demurrage shall be billed to the account of the Purchaser. **DAMAGE CLAIMS:** Care is taken in packaging all shipments. After BUYER has been given the receipt by the transportation company, all claims for breakage or shortages, whether concealed or obvious, must be made in writing by the BUYER to the carrier and SELLER within seven (7) days after receipt of shipment. When damage or shortages are obvious, written comments on the bill of lading are required before the driver is released. **RETURNED PRODUCTS:** In no instance is equipment to be returned without first obtaining SELLER'S written approval and returned materials authorization. If shipment is postponed at the request of the purchaser after manufacturing has been commenced, payment will be due on notice from us that the equipment is ready for shipment. Pro rata payments shall be made for partial shipments.

#### STORAGE

Any item of the product on which shipment is delayed by BUYER may be placed in storage by SELLER at BUYER'S expense and risk. If a delay in shipment is requested by BUYER after an order has been entered and accepted:

- a. No charge will be made if the request for delay is made more than six (6) weeks before acknowledged shipping date and the requested delay is for a period not in excess of thirty (30) days.
- b. A charge will be made if the requested delay exceeds a period of thirty (30) days or if the request is made within six (6) weeks of the acknowledged shipping date. SELLER will advise BUYER of the charge within ten (10) days of receiving BUYER'S request for delay.
- c. If the product is within six (6) weeks of the acknowledged shipping date, then SELLER has the option of completing, invoicing and storing the product and charging one and one-half percent (1.5%) per month, or the maximum percentage permitted by law, whichever is lesser, of the established price for such product, plus storage cost.

#### PAYMENT

Payment terms, upon credit approval, are of net thirty (30) days from the date of each invoice for material shipped (or when ready for shipment if shipment is deferred by BUYER) **unless stated otherwise on the face of the attached quotation.** Flow down provisions are not accepted and shall not be enforceable against SELLER. Retention is not allowed. In the event any payment becomes past due, a charge of one-half percent (1.5%) will be assessed monthly. These terms are completely independent from, and not contingent upon, when BUYER receives payment from the OWNER. A processing fee of up to four percent (4%) will be added for credit card payments. All merchandise sold is subject to lien laws. Partial or final payment shall constitute acceptance of delivered materials, products, or equipment.

#### FORCE MAJEURE

Neither Party will be liable for any failure or delay in performing an obligation under these Terms and Conditions that is due to any of the following causes, to the extent beyond its reasonable control: acts of God, accident, riots, war, terrorist act, epidemic, pandemic, quarantine, civil commotion, breakdown of communication facilities, breakdown of web host, breakdown of internet service provider, natural catastrophes, governmental acts or omissions, changes in laws or regulations, national strikes, fire, explosion, generalized lack of availability of raw materials or energy. For the avoidance of doubt, Force Majeure shall not include (a) financial distress nor the inability of either party to make a profit or avoid a financial loss, (b) changes in market prices or conditions, or (c) a party's financial inability to perform its obligations hereunder.

#### TAXES AND BONDS

Taxes and bonds are **NOT** included in our pricing. Any applicable taxes or bonds will be added to the price and shown separately on each invoice. All prices exclude sales, use, duties, excise, and other taxes in respect to manufacture, sale, or delivery, all of which are to be paid by the buyer unless a proper exemption certificate is furnished. BUYER agrees to reimburse our company for taxes SELLER must pay on BUYER'S behalf.

#### PRICE ESCALATION and/or MATERIAL DEPOSITS

If between the proposal date and actual procurement and through no fault of the SELLER, the relevant cost of labor, material, freight, brokerage fees, tariffs, and other SELLER costs combined relating to the contract increase, then the contract price shall be subject to escalation and increased accordingly. If required by the BUYER, increase shall be verified by documentation and the amount of contract price escalation shall be calculated as either the actual increased cost to the Seller or, if agreed by the Parties, the equivalent increase of a relevant industry recognized third-party index. SELLER shall undertake good faith efforts to obtain savings in its procurement of materials to avoid escalation costs. BUYER shall cooperate with SELLER in such efforts to obtain such cost savings. SELLER shall contemporaneously track any escalation costs.



#### CLAIMS AND BACKCHARGES

BUYER agrees to examine all materials immediately upon delivery and report to SELLER in writing any defects or shortages noted no later than ten (10) days following the date of receipt. The parties agree that if no such claim is made within said time, it shall be considered acceptable and in good order with respect to any defect or shortage which would have been revealed by such an inspection. In no event will SELLER be responsible for any charge for modification, servicing, adjustment or for any other expense without written authorization from SELLER prior to the performance of any such work. IN NO EVENT SHALL SELLER BE LIABLE TO BUYER OR ANY THIRD PARTY FOR ANY LOSS OF USE, REVENUE OR PROFIT, OR FOR CONSEQUENTIAL, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES, FOR ANY REASON, INCLUDING WITHOUT LIMITATION, DAMAGES ARISING OUT OF A DELAY IN OR FAILURE OF DELIVERY, DEFECTS IN MATERIAL AND WORKMANSHIP AND/OR FAILURE OF GOODS TO PERFORM TO APPLICABLE SPECIFICATIONS, DRAWINGS, BLUEPRINTS OR SAMPLES AS SET FORTH OR DESCRIBED HEREIN, IF ANY, OF A BREACH BY SELLER OF ANY OTHER TERM OR OBLIGATION OF SELLER UNDER THE CONTRACT. No penalty clauses of any description will be effective unless approved in writing over the signature of a principal of SELLER. Under no circumstances shall SELLER be liable for any consequential, special or incidental damages, including liquidated damages, arising from any breach by it in this transaction, AND ALL SUCH CONSEQUENTIAL, SPECIAL AND INCIDENTAL DAMAGES, INCLUDING LIQUIDATED DAMAGES, ARE EXCLUDED FROM ANY REMEDIES AVAILABLE TO THE BUYER.

#### SECURITY INTEREST & TITLE

Until all amounts due SELLER have been paid in full, SELLER shall retain a security interest in the product and have all rights of a secured party under the Uniform Commercial Code and applicable law, including the right to repossess the product or equipment without legal process and the right to require the BUYER to assemble the equipment and make it available to SELLER at a place reasonably convenient to both parties.

#### WARRANTY

Equipment and parts not manufactured by the SELLER carry only the warranty of the manufacturer of said parts. SELLER does not make any express or implied warranty for equipment and/or parts it did not manufacture. Credits for defective material and workmanship in said equipment and/or parts are only in accordance with the underlying company policy of the manufacturer. SELLER makes no warranty whatsoever with respect to any equipment and/or parts as to their merchantability or fitness for a particular purpose. It is further agreed that the SELLER assumes no liability whatsoever for failure of equipment due to normal usage and wear.

#### INDEMNIFICATION

To the fullest extent permitted by the law in which the project is located, BUYER and SELLER shall indemnify and hold one another and their respective employees and agents harmless from and against all claims, damages, losses, liabilities, actions, causes of action, demands, fines, penalties, judgments, costs, and expenses, including but not limited to attorneys' fees, court costs, expert fees and costs, arising out of or resulting from BUYER's or SELLER's own negligent acts, omissions or misconduct, to the extent such negligence is covered by BUYER's and SELLER's respective insurance policies. In the event any third party asserts against SELLER a claim for patent infringement, royalties or licensing fees with respect to BUYER's use of the products, materials, or equipment provided hereunder, BUYER agrees to indemnify SELLER for all liability damages, costs and expenses in connection therewith.

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This contract is for the sole benefit of BUYER and SELLER and their respective successors and permitted assigns and nothing herein, express or implied, is intended to or shall confer upon any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of these Terms and Conditions.

#### GOVERNING LAW

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In the event of any dispute between BUYER and SELLER arising out of the terms of the contract and these Terms and Conditions, such dispute shall be decided by arbitration administered by the American Arbitration Association in accordance with the then-prevailing Commercial Arbitration Rules and Mediation Procedures of the American Arbitration Association. BUYER and SELLER mutually agree that any dispute involving claims valued at or above \$1,000,000.00 shall be heard by a panel of three (3) arbitrators. The venue for all arbitration proceedings shall be the State of California. The foregoing agreement to arbitrate shall be specifically enforceable in any court of competent jurisdiction. The award rendered by the arbitrators shall be final and judgment may be entered upon it in accordance with applicable law in any court of competent jurisdiction.

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Please Remit to:  
PO Box 735936  
Chicago IL, 60673-5936  
Online payment accepted at <http://www.iowapumpworks.com>  
Pay Now 3% charge for credit card and \$2.25 charge for e-check  
PAST DUE INVOICES ARE SUBJECT TO 1.5% PER MONTH FINANCE CHARGE

**NOTICE OF  
CITY COUNCIL  
PUBLIC HEARING**

Notice is hereby given that the City of Blackduck City Council will hold a Public Hearing to begin at 6:00pm on Monday, March 16, 2026.

The purpose of this meeting will be to take public comment regarding the elimination of the Blackduck Police Department and Contracting for Law Enforcement Services with Beltrami County Sheriff Department.

Posted this 23<sup>th</sup> day of February, 2026

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Christina Regas, City Administrator

## Section 350 Police Department

### Section

350.01	Establishment
350.02.	Chief of Police
350.03	Duties of Police
350.04	Uniform and Badge
350.05	Reserve Officers

### **350.01 Establishment**

A Police Department is hereby established. The head of the department shall be known as the chief of police and the number of additional members of the department, together with their ranks and titles, shall be determined by the council by resolution. The council shall appoint members of the department.

### **350.02. Chief of Police**

The chief of police shall have supervision and control of the police department and its members. He or she shall be responsible for law enforcement and for property of the city used by department. He or she shall be responsible for the proper training and discipline of the members of the department. He or she shall be responsible for the keeping of adequate records and shall report to the council on the needs of the department and its work. Every member of the department subordinate to the chief shall obey instructions of the chief and superior officer. The council shall designate one of the police officers acting as chief, who shall have all powers and duties during his absence or disability.

### **350.03 Duties of Police**

Members of the police department are authorized to enforce the ordinances and laws applicable to the city, bring violators before the county court, and make complaints for offenses coming to their knowledge. Members of the police department shall serve processes on behalf of the city and shall serve such notices as may be required by the council or other authority. When the city is not a party to the proceedings involved in the process or notice, the officer shall collect the same fees as provided by law for town constables. All such fees shall be paid into the city treasury.

### **350.04 Uniform and Badge**

Each member of the department shall, while on duty, wear a suitable badge and uniform furnished by the city, except that the chief may authorize the performance of specific duties while not in uniform. When a member terminates his or her membership in the department, he shall immediately deliver to the city his badge, uniform, and all other property of the city in his or her possession.

**350.05 Reserve Officers**

In case of a riot or other law enforcement emergency, the Chief of Police may appoint for a specified time as many Reserve Officers as may be necessary for the maintenance of law and order. During such term of employment, the Reserve Officers shall have only the authority to provide supplementary assistance at special events, traffic or crowd control, and administrative or clerical assistance. A reserve officer's duties do not include enforcement of the general criminal laws of the state, and the officer does not have full powers of arrest.

**From:** [MDH SWP](#)  
**To:** [Michael Schwanke](#)  
**Cc:** [Christina Regas](#)  
**Subject:** Application approval notification  
**Date:** Friday, February 13, 2026 1:41:31 PM

---

[EXTERNAL]

Hi Mike,

We are pleased to announce your application for the Minnesota Department of Health (MDH) Source Water Protection (SWP) FY2026 Plan Implementation Implementation 1 received the points needed to qualify for funding and has been approved for a grant.

**IMPORTANT:** Before the grant agreement is drafted, you must provide me with your State of Minnesota vendor number. If you do not have one, obtain a *SWIFT Vendor Number* by registering through the Supplier Portal (<https://mn.gov/mmb/accounting/swift/vendor-resources/>). If you need assistance with registering, the Help Line telephone number is 651-296-2600 and the email is [mmdhelp.line@state.mn.us](mailto:mmdhelp.line@state.mn.us). It takes three business days to get a vendor number so please provide your number to me as soon as you receive it. (Please keep in mind, I cannot process your Grant Agreement until I receive your Vendor Number. Your Vendor Number information (Vendor Name, Vendor Address, etc.) **MUST** match the information on your grant application.)

You will receive a grant agreement via DocuSign for your review and signature in the coming weeks. Once we receive your signed grant agreement, you will be notified with a copy of your fully executed grant agreement.

**It is very important that you do not begin any work or incur any expenses until you receive an executed grant agreement signed by you and MDH.**

Note: MDH DOES NOT reimburse funds for Well and Sealing permit fees.

**You may begin work and start incurring expenses for your project once you receive a fully executed grant agreement.**

Your grant agreement will expire February 26, 2027. I look forward to working with you through this entire grant process. Feel free to contact me with any questions.

**Eddie Wojski**

Source Water Protection Grant Coordinator | Drinking Water Protection

**Minnesota Department of Health**

Office: 651-201-4576

**THE HUNTINGTON NATIONAL BANK**  
11100 WAYZATA BLVD. SUITE 700  
MINNETONKA MN 55305



City of Blackduck  
FEB 12 2026

January 23, 2026



0008932 CITY OF BLACKDUCK  
8 SUMMIT AVE E  
BLACKDUCK MN 56630

RE: Contract Number - 008-0777379-301

Dear Valued Customer,

Below you will find your balance of remaining rental payments for the above referenced contract as of December 31, 2025. **This figure is provided for informational purposes only.**

**Balance of Remaining Payments on December 31, 2025: \$7,335.00**

If you have any questions relating to your account, you may contact our Customer Service Department at (866) 311-2755.

Sincerely,

Customer Service

The Huntington National Bank

*Represents May, June, July of 2026*

This letter is for informational purposes only. Huntington does not certify this letter or warrant the accuracy of any of the information contained herein for tax or any other purpose. Nothing herein (including any mistakes or inaccuracies contained in this letter) shall alter or amend in any way the transaction documents. Please note that any modifications to the transaction documents and/or irregular payments made could impact the interest and principal amounts reflected herein. This letter is not intended to provide a payoff amount and the numbers provided may not be used for that purpose.

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Golf course Operational Expenditure Budget 2026 Worksheet

updated 2/12/26

		2024 Budget	2024 Actual	2025 Budget	2025 Actual	2026 Worksheet
E 613-49830-101	Full-Time Employees Regular	\$28,700.79	\$28,626.25	\$30,776.58	\$29,517.77	\$34,855.97
E 613-49830-102	Full-Time Employees Overtime	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
E 613-49830-103	Part-Time Employees	\$57,760.06	\$68,048.26	\$88,275.05	\$76,713.95	\$76,436.23
E 613-49830-121	PERA	\$6,599.18	\$4,077.82	\$7,340.13	\$4,132.12	\$8,301.25
E 613-49830-122	FICA	\$8,809.89	\$7,408.35	\$9,107.45	\$8,159.46	\$8,513.85
E 613-49830-135	MN Paid Leave	\$0.00	\$0.00	\$0.00	\$0.00	\$979.37
E 613-49830-131	Employer Paid Health	\$12,061.08	\$12,064.98	\$12,499.56	\$12,512.16	\$14,108.40
E 613-49830-200	Office Supplies (GENERAL)	\$400.00	\$181.36	\$400.00	\$0.00	\$0.00
E 613-49830-205	Heating Fuel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
E 613-49830-206	Electricity	\$6,000.00	\$5,321.53	\$6,000.00	\$6,410.43	\$7,000.00
E 613-49830-207	Computer Supplies	\$350.00	\$0.00	\$0.00	\$0.00	\$0.00
E 613-49830-210	Operating Supplies (GENERAL)	\$3,500.00	\$5,135.87	\$5,000.00	\$5,862.81	\$6,500.00
E 613-49830-212	Motor Fuels	\$4,000.00	\$6,367.30	\$4,000.00	\$4,901.93	\$4,000.00
E 613-49830-213	Lubricants and Additives	\$0.00	\$0.00	\$0.00	\$996.35	\$0.00
E 613-49830-216	Chemicals and Chem Products - fertilizer	\$6,000.00	\$8,895.14	\$8,000.00	\$6,076.55	\$8,000.00
E 613-49830-220	Repair/Maint Supply (GENERAL)	\$0.00	\$174.84	\$0.00	\$63.79	\$0.00
E 613-49830-240	Small Tools and Minor Equip	\$1,000.00	\$238.72	\$1,000.00	\$861.38	\$1,000.00
E 613-49830-251	Liquor Expense	\$1,000.00	\$1,070.30	\$1,000.00	\$809.00	\$1,000.00
E 613-49830-252	Beer Expense	\$10,000.00	\$11,682.82	\$10,000.00	\$8,065.35	\$10,000.00
E 613-49830-254	Pop Expense	\$6,000.00	\$6,999.04	\$6,000.00	\$8,344.57	\$8,000.00
E 613-49830-255	Mix Expense	\$0.00	\$116.75	\$0.00	\$0.00	\$0.00
E 613-49830-260	Food for Resale	\$9,000.00	\$7,999.36	\$8,000.00	\$7,849.74	\$8,000.00
E 613-49830-270	Golf Clubs for Resale	\$0.00	\$65.03	\$0.00	\$0.00	\$100.00
E 613-49830-271	Golf Accessories for Resale	\$2,000.00	\$3,173.77	\$3,000.00	\$4,495.04	\$3,500.00
E 613-49830-272	Clothing for Resale	\$3,500.00	\$3,768.85	\$3,500.00	\$4,757.85	\$4,000.00
E 613-49830-310	Other Professional Services	\$0.00	\$0.00	\$0.00	\$447.94	\$0.00
E 613-49830-311	Webstie Development & Maintenance	\$950.00	\$790.00	\$948.00	\$869.00	\$948.00
E 613-49830-321	Telephone	\$1,200.00	\$1,116.41	\$1,196.52	\$1,151.73	\$1,200.00
E 613-49830-322	Postage	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00
E 613-49830-327	Internet Access	\$600.00	\$599.40	\$600.00	\$628.30	\$600.00
E 613-49830-331	Travel Expense	\$0.00	\$0.00	\$0.00	\$161.00	\$0.00
E 613-49830-361	General Liability Ins	\$4,678.61	\$4,926.52	\$5,369.91	\$3,977.64	\$4,256.07
E 613-49830-362	Property Ins	\$2,391.90	\$2,397.00	\$2,540.82	\$2,338.00	\$2,454.90
E 613-49830-340	Advertising	\$1,000.00	\$1,805.36	\$1,000.00	\$653.91	\$1,000.00
E 613-49830-343	Promotions/Entertainment - Grill n Chill	\$2,000.00	\$846.08	\$0.00	\$3,143.20	\$2,500.00
E 613-49830-345	Sponsorship Expense - cart wrap	\$1,000.00	\$0.00	\$1,000.00	\$1,159.17	\$1,000.00
E 613-49830-364	Dram Shop	\$500.00	\$900.00	\$1,250.00	\$1,000.00	\$1,250.00
E 613-49830-366	Workers Compensation Insurance	\$1,507.13	\$1,385.05	\$1,454.30	\$2,545.79	\$2,800.37
E 613-49830-367	Unemployment Paid	\$4,500.00	\$2,722.99	\$3,000.00	\$6,621.89	\$6,000.00
E 613-49830-384	Refuse/Garbage Disposal	\$1,300.00	\$1,179.21	\$1,300.00	\$1,092.30	\$1,300.00
E 613-49830-401	Repairs/Maint Buildings	\$4,000.00	\$1,477.03	\$2,000.00	\$1,277.57	\$1,500.00
E 613-49830-403	Improvements Other Than Bldgs	\$8,000.00	\$11,470.00	\$5,000.00	\$11,361.77	\$2,000.00
E 613-49830-404	Repairs/Maint Machinery/Equip	\$9,000.00	\$15,370.85	\$11,000.00	\$9,927.02	\$11,000.00
E 613-49830-407	Golf Cart Maintenance/Repair	\$2,500.00	\$2,076.89	\$2,000.00	\$5,827.74	\$5,000.00
E 613-49830-406	Maintenance Course Property - irrigation etc.	\$5,000.00	\$9,971.35	\$8,000.00	\$4,961.51	\$5,000.00
E 613-49830-415	Other Equipment Rentals	\$0.00	\$2,000.76	\$0.00	\$0.00	\$0.00
E 613-49830-431	Cash Short	\$0.00	\$280.29	\$0.00	\$697.69	\$0.00
E 613-49830-433	Dues and Subscriptions	\$2,500.00	\$3,295.30	\$2,500.00	\$2,996.15	\$2,500.00
E 613-49830-438	Bank Service Charges	\$4,500.00	\$7,403.86	\$6,500.00	\$7,840.07	\$6,500.00
E 613-49830-460	Gift Certificates / Discounts Redeemed	\$0.00	\$10,940.17	\$0.00	\$12,481.71	\$0.00
E 613-49830-490	Donations to Civic	\$0.00	\$0.00	\$0.00	\$600.00	\$0.00
E 613-49830-550	Motor Vehicles -	\$15,300.00	\$15,426.99	\$12,900.00	\$16,076.58	\$0.00
E 613-49830-598	2022 Rough Mower Internal Debt	\$3,650.74	\$3,650.74	\$3,650.74	\$3,650.74	\$3,650.74
E 613-49830-599	Improvements - Cart Shed Debt	\$6,118.00	\$6,118.00	\$6,118.00	\$6,118.00	\$6,118.00
E 613-49830-603	Debt Principal - 2016 Equipment Debt	\$14,000.00	\$14,000.00	\$14,000.00	\$14,000.00	\$0.00
E 613-49830-605	2021 Golf Cart Lease	\$14,670.00	\$14,670.00	\$14,670.00	\$14,670.00	\$7,335.00
E 613-49830-613	2016 Debt Interest	\$525.00	\$525.00	\$175.00	\$175.00	\$0.00
		\$278,172.38	\$318,761.59	\$312,072.06	\$328,981.67	\$280,208.15
						2026 Anticipated loss/gain: \$292.85

Total 2026 Payroll  
\$143,195.07

Pinnacle monthly \$79  
Cell phone and landline PBTC

PBTV \$50/month

increase 7%  
increase 5%

increase 10%

new batteries for golf carts (\$400 x 15)

sunset 2025

3 payments due in 2026

sunset 2025

**Nuisances**

- 900.15 Public Nuisance
- 900.16 Public Nuisance Affecting Health
- 900.17 Public Nuisance Affecting Morals and Decency
- 900.18 Public Nuisances Affecting Peace and Safety
- 900.19 Nuisance Parking and Storage
- 900.20 Inoperable Vehicles
- 900.21 Building Maintenance and Appearance
- 900.22 Clandestine Drug Lab Sites and Chemical Dumpsites
- 900.23 Duties of City Officers
- 900.24 Abatement
- 900.25 Recovery of Cost

**900.15 Public Nuisances**

Whoever by his or her act or failure to perform a legal duty intentionally does any of the following is guilty of maintaining a public nuisance, which is a misdemeanor:

- A) Maintains or permits a condition which unreasonably annoys, injures, or endangers the safety, health, morals, comfort, or repose of any considerable number of members of the public.
- B) Interferes with, obstructs, or renders dangerous for passage any public highway or right-of-way, or waters used by the public, or
- C) Is guilty of any other act or omission declared by law or §900.16, 900.17, 900.18, or any other part of this code to be a public nuisance for which no sentence is specifically provided.

Penalty see §900.99

**900.16 Public Nuisances Affecting Health**

The following are hereby declared to be nuisances affecting health:

- A) Exposed accumulation of decayed or unwholesome food or vegetable matter.
- B) All diseased animals running at large.
- C) All ponds or pools of stagnant water.
- D) Carcasses of animals not buried or destroyed within twenty-four (24) hours after death.

- E) Accumulations of manure, refuse, or other debris;
- F) Privy vaults and garbage cans which are not rodent free or fly tight or which are so maintained as to constitute a health hazard or to emit foul and disagreeable odors.
- G) The pollution of any public well or cistern, stream or lake, canal or body of water by sewage, industrial waste or other substances.
- H) All noxious weeds and other rank growths of vegetation upon public or private property.
- I) Dense smoke, noxious fumes, gas and soot, or cinders, in unreasonable quantities.
- J) All public exposure of people having a contagious disease, and
- K) Any offensive trade or business as defined by statute not operating under local license.

**900.17 Public Nuisances Affecting Morals and Decency**

The following are hereby declared to be nuisances affecting public morals and decency:

- A) All gambling devices, slot machines and punch boards, except as otherwise authorized by federal state or local law;
- B) Betting, bookmaking, and all apparatus used in those occupations;
- C) All houses kept for the purpose of prostitution or promiscuous sexual intercourse, gambling houses, houses of ill fame, and bawdy houses;
- D) All places where intoxicating liquor is manufactured or disposed of in violation of law or where, in violation of law, people are permitted to resort for the purpose of drinking intoxicating liquor, or where intoxicating liquor is kept for sale or other disposition in violation of law, and all liquor and other property used for maintaining that place;
- E) Any vehicle used for the unlawful transportation of intoxicating liquor, or for promiscuous sexual intercourse, or any other illegal or immoral purpose.

**900.18 Public Nuisances Affecting Peace and Safety**

The following are declared to be nuisances affecting peace and safety:

- A) All snow and ice not removed from public sidewalks twenty-four (24) hours after the snow or other precipitation causing the condition has ceased to fall;

- B) All trees, hedges, billboards, or other obstructions, which prevent people from having a clear view of all traffic approaching an intersection;
- C) All wires and limbs of trees which are so close to the surface of a sidewalk or street as to constitute a danger to pedestrians or vehicles;
- D) All obnoxious noises in violation of MN Rules Chapter 7030, as they may be amended from time to time which are thereby incorporated by reference into this code;
- E) The discharging of the exhaust or permitting the discharging of the exhaust of any stationary internal combustion engine, motor boat, motor vehicle, motorcycle, all terrain vehicle, snowmobile or any recreational device except through a muffler or other device that effectively prevents loud or explosive noises therefrom and complies with all applicable state laws and regulations;
- F) The using or operation or permitting the using or operating of any radio receiving set, musical instrument, phonograph, paging system, machine or other device for producing or reproduction of sound in a distinctly and loudly audible manner so as to disturb the peace, quiet and comfort of any person nearby. Operation of any device referred to above between the hours of 10:00 p.m. and 7:00 a.m. in a manner so as to be plainly audible at the property line of the structure or building in which it is located, or at a distance of fifty (50) feet if the source is located outside a structure or building shall be prima facie evidence of violation of this section;
- G) No person shall participate in any other gathering of people giving rise to noise, unreasonably disturbing the peace, quiet or repose of another person. When a police officer determines that a gathering is creating such a noise disturbance, the officer may order all persons present, other than the owner or tenant of the premises where the disturbance is occurring, to disperse immediately. No person shall refuse to leave after being ordered by a police officer to do so. Every owner or tenant of such premises who has knowledge of the disturbance shall make every effort to see that the disturbance is stopped;
- H) Obstructions and excavations affecting the ordinary public use of streets, alleys, sidewalks, or public grounds except under conditions as are permitted by this code or other applicable law;
- I) Radio aerials or television antennae erected or maintained in a dangerous manner;
- J) Any use of property abutting on a public street or sidewalk or any use of a public street or sidewalk which causes large crowds to gather, obstructing traffic and the free use of the street or sidewalk;
- K) All hanging signs, awnings, and other similar structures over streets and sidewalks, so situated also as to endanger public safety, or not constructed and maintained as provided by ordinance;

- L) The allowing of rain water, ice or snow to fall from any building or structure upon any street or sidewalk or to flow across any sidewalk;
- M) Any barbed wire fence less than six (6) feet above the ground and within three (3) feet of a public sidewalk or way;
- N) All dangerous, unguarded machinery in any public place, or so situated or operated on private property as to attract the public;
- O) Wastewater cast upon or permitted to flow upon streets or other public properties;
- P) Accumulations in the open of discarded or disused machinery, household appliances, automobile bodies or other material in a manner conducive to the harboring of rats, mice, snakes, or vermin, or the rank growth of vegetation among the items so accumulated, or in a manner creating fire, health or safety hazards, from accumulation;
- Q) Any well, hole, or similar excavation which is left uncovered or in another condition as to constitute a hazard to any child or other person coming on the premises where it is located;
- R) Obstruction to the free flow of water in a natural waterway or a public street drain, gutter or ditch with trash of other materials;
- S) The placing or throwing on any street, sidewalk or other public property of any glass, tacks, nails, bottles, or other substance which may injure any person or animal or damage any pneumatic tire when passing over the substance;
- T) The deposition of garbage or refuse on a public right-of-way or on adjacent private property;
- U) All other conditions or things which are likely to cause injury to the person or property of anyone;
- V) (1) Noises prohibited.
- a) General prohibition. No person shall make or cause to be made distinctly and loudly audible noise that unreasonably annoys, disturbs, injures, or endangers the comfort, repose, health, peace, safety, or welfare of any person or precludes their enjoyment of property or affects their property's value. This general prohibition is not limited by the specific restrictions of this section.
- b) Loading, unloading, unpacking. No person shall create loud or excessive noise in loading, unloading, or unpacking any vehicle.

c) Defective vehicles or loads. No person shall use any vehicle so out of repair or so loaded as to create loud and unnecessary grating, grinding, rattling, or other noise.

d) Radios, phonographs, paging systems, and the like. No person shall use or operate or permit the use or operation of any radio receiving set, musical instrument, phonograph, paging system, machine or other device for the production or reproduction of sound in a distinct and loudly audible manner as to unreasonably disturb the peace, quiet, and comfort, of any person nearby. Operation of any such set, instrument, phonograph, machine or other device between the hours of 10:00 p.m. and 7:00 a.m. in such a manner as to be plainly audible at the property line of the structure or building in which it is located, in the hallway or apartment adjacent, or at a distance of fifty (50) feet if the source is located outside a structure or building, shall be prima facie evidence of a violation of this section.

e) Schools, churches, hospitals, and the like. No person shall create any excessive noise on any street, alley, or public grounds adjacent to any school, institution of learning, church or hospital, when the noise unreasonably interferes with the working of the institution or disturbs or unduly annoys its occupants or residents and when conspicuous signs indicate the presence of such institution.

## 2) Hourly restriction of certain operations

a) Domestic power equipment. No person shall operate a power lawn mower, power hedge clipper, chain saw, mulcher, garden tiller, edger, drill, or other similar domestic power maintenance equipment except between the hours of 7:00 a.m. and 10:00 p.m. on any weekday or between the hours of 9:00 a.m. and 9:00 p.m. on any weekend or holiday. Snow removal equipment is exempt from this provision.

b) Refuse hauling. No person shall collect or remove garbage or refuse in any residential district except between the hours of 6:00 a.m. and 10:00 p.m. on any weekday or between the hours of 9:00 a.m. and 9:00 p.m. on any weekday holiday.

c) Construction activities. No person shall engage in or permit construction activities involving the use of any kind of electric, diesel, or gas powered machine or other power equipment except between the hours of 7:00 a.m. and 10:00 p.m. on any weekday or between the hours of 9:00 a.m. and 9:00 p.m. on any weekend or holiday.

3) Noise impact statements. The Council may require any persons applying for a change in zoning classifications or a permit or license for any structure, operation, process, installation or alteration or project that may be considered a potential noise source to submit a noise impact statement on a form prescribed by the Council. It shall evaluate each such statement and take its evaluation into account in approving or disapproving the license or permit applied for or the zoning change requested.

W) Reflective glare or light from private exterior lighting exceeding 0.5 foot-candles as measured on the property line of the property where the lighting is located when abutting

any residential parcel, and one foot-candle when abutting any commercial or industrial parcel.

**900.19 Nuisance parking and storage**

**Subdivision 1 Declaration of a nuisance.**

The outside parking and storage on residentially-zoned property of large numbers of vehicles, materials, supplies or equipment not customarily used for residential purposes in violation of the requirements set forth below is declared to be a public nuisance because (a) it obstructs views on streets and/or private property, (b) creates cluttered and otherwise unsightly areas, (c) prevents the full use of residential streets for residential parking, (d) introduces commercial advertising signs that are otherwise prohibited, (e) decreases adjoining landowners and occupants enjoyment of their property and neighborhood, and (f) otherwise adversely affects property values and neighborhood patterns.

**Subdivision 2 Unlawful parking and storage**

- A. A person must not place, store, or allow the placement or storage of ice fish houses, skateboard ramps, playhouses, or other similar non-permanent structures outside continuously for longer than twenty-four (24) hours in the front yard area of residential property unless more than a hundred (100) feet back from the front property line.
- B. A person must not place, store or allow the placement of pipe, lumber, forms, steel machinery, or similar materials, including all materials used in connection with a business, outside on residential property, unless shielded from public view by an opaque cover or fence.
- C. A person must not cause, undertake, permit or allow the outside parking and storage of vehicles on residential property unless it complies with the following requirements:
  1. No more than four (4) vehicles per lawful dwelling unit may be parked or stored anywhere outside on residential property, except as otherwise permitted or required by the city because of nonresidential characteristics of the property. This maximum number does not include vehicles of occasional guests who do not reside on the property
  2. Vehicles that are parked or stored outside in the front yard area must be on a paved or graveled parking or driveway area.
  3. Vehicles, watercraft, and other articles stored outside on residential property must be owned by a person who resides on that property. Students who are away at school for periods of time but still claim the property as their legal residence will be considered residents on the property.

Penalty see §900.99

**900.20 Inoperable Motor Vehicles**

A) It shall be unlawful to keep, park, store, or abandon any motor vehicle which is not in operating condition, partially dismantled, used for repair of parts or as a source of repair or replacement parts for other vehicles, kept for scrapping, dismantling or salvage of any kind, or which is not properly licensed for operation with the state, pursuant to M.S. §168B.011 Sub 3, as it may be amended from time to time.

B) This section does not apply to a motor vehicle enclosed in a building and or kept out of view from any street, road, or alley, and which does not foster complaint from a resident of the city. A privacy fence is permissible.

C) Any motor vehicle described in this section constitutes a hazard to the health and welfare of the residents of the community in that such vehicles can harbor noxious diseases, furnish a shelter and breeding place for vermin and present physical danger to the safety and well-being of children and citizens, and vehicles containing fluids which, if released into the environment, can and do cause significant health risks to the community.

**900.21 Building Maintenance and Appearance****Subdivision 1 Declaration of a nuisance.**

Building, fences and other structures that have been so poorly maintained that their physical condition and appearance detract from the surrounding neighborhood are declared to be public nuisances because they (a) are unsightly, (b) decrease adjoining landowners and occupants enjoyment of their property and neighborhood, and (c) adversely affect property values and neighborhood patterns.

**Subdivision 2 Standards.**

A building, fence, or other structure is a public nuisance if it does not comply with the following requirements.

- A. No part of any exterior surface may have deterioration, holes, breaks, gaps, loose or rotting boards or timbers.
- B. Every exterior surface that has a surface finish such as paint applied must be maintained to avoid noticeable deterioration of the finish. No wall or other exterior surface may have peeling, cracked, chipped, or otherwise deteriorated surface finish on more than twenty percent (20%) of:
  1. Any one (1) wall or other flat surface; or
  2. All door and window moldings, eaves, gutters, and similar projections on any one (1) side or surface.
- C. No glass, including windows and exterior light fixtures, may be broken or cracked, and no screens may be torn or separated from moldings.

- D. Exterior doors and shutters must be hung properly and have an operable mechanism to keep them securely shut or in place.
- E. Cornices, moldings, lintels, sills, bay or dormer windows and similar projections must be kept in good repair and free from cracks and defects that make them hazardous or unsightly.
- F. Roof surfaces must be tight and have no defects that admit water. All roof drainage systems must be secured and hung properly.
- G. Chimneys, antennas, air vents, and other similar projections must be structurally sound and in good repair. These projections must be secured properly, where applicable, to an exterior wall or exterior roof.
- H. Foundations must be structurally sound and in good repair.

## **900.22 Clandestine Drug Labs Sites and Chemical Dumpsites**

### **Subdivision 1 General Provisions.**

- A. Purpose and Intent. The purpose of this Ordinance is to reduce public exposure to health risks where law enforcement officers have determined that hazardous chemicals from a suspected clandestine drug lab site or associated dumpsite may exist. The City Council finds that such sites may contain suspected chemicals and residues that place people, particularly children or adults of child bearing age, at risk when exposed through inhabiting or visiting the site, now and in the future.
- B. Interpretation and Application. In their interpretation and application, the provisions of this Article shall be construed to protect the public health, safety and welfare.
- C. Where the conditions imposed by any provision of this Ordinance are either more or less restrictive than comparable provisions imposed by any other law, ordinance, statute, or regulation of any kind, the regulations which are more restrictive or which impose higher standards or requirements shall prevail.
- D. Should any court of competent jurisdiction declare any section or subpart of this Article to be invalid, such decision shall not affect the validity of the Article as a whole or any part thereof, other than the provision declared invalid.
- E. Fees. Fees for the administration of this Ordinance may be established and amended periodically by resolution of the City Council.
- F. Definitions. For the purposes of this Ordinance, the following terms or words shall be interpreted as follows:
  - 1. Child shall mean any person less than 18 years of age.

2. Chemical dumpsite shall mean any place or area where chemicals or other waste materials used in a clandestine drug lab have been located.
3. Clandestine drug lab shall mean the unlawful manufacture or attempt to manufacture controlled substances.
4. Clandestine drug lab site shall mean any place or area where law enforcement has determined that conditions associated with the operation of an unlawful clandestine drug lab exist. A clandestine drug lab site may include dwellings, accessory buildings, accessory structures, a chemical dumpsite or any land.
5. Controlled substance shall mean a drug, substance or immediate precursor in Schedules I through V of M.S. § 152.02. The term shall not include distilled spirits, wine, malt beverages, intoxicating liquors or tobacco.
6. Household hazardous wastes shall mean waste generated from a clandestine drug lab. Such wastes shall be treated, stored, transported or disposed of in a manner consistent with Minnesota Department of Health, Minnesota Pollution Control, and Beltrami County Health Department rules and regulations.
7. Manufacture, in places other than a pharmacy, shall mean and include the production, cultivation, quality control, and standardization, by mechanical, physical, chemical or pharmaceutical means, packing, repacking, tableting, encapsulating, labeling, relabeling, filling, or by other process, of drugs.
8. Owner shall mean any person, firm or corporation who owns, in whole or in part, the land, buildings or structures associated with a clandestine drug lab site or chemical dumpsite.
9. Public health nuisance. All dwellings, accessory structures and buildings or adjacent property associated with a clandestine drug lab site are potentially unsafe due to health hazards and are considered a public health nuisance.

#### **Subdivision 2 Administration.**

- A. Law Enforcement Notice to Other Authorities. Law enforcement authorities that identify conditions associated with a clandestine drug lab site or chemical dump site that places neighbors, visiting public, or present and future occupants of the dwelling at risk for exposure to harmful contaminants and other associated conditions must promptly notify the appropriate municipal, child protection, and public health authorities of the property location, property owner if known, and conditions found.
- B. Declaration of Property as a Public Health Nuisance. If law enforcement determines the existence of a clandestine drug lab site or chemical dumpsite, the property shall be declared a public health nuisance.
- C. Notice of Public Health Nuisance to Concerned Parties. Upon notification by law enforcement authorities, the City Administrator and/or respective designees and representatives shall promptly issue a Declaration of Public Health Notice for the

affected property and post a copy of the Declaration at the probable entrance to the dwelling or property. The City Administrator shall also notify the owner of the property by mail and notify the following parties:

1. Occupants of the property;
2. Neighbors at probable risk;
3. The City of Blackduck Police Department; and
4. Other state and local authorities, such as MPCA and MDH, which are known to have public and environmental protection responsibilities that are applicable to the situation.

D. Property Owner's Responsibility to Act. The City Administrator shall also issue an order to abate the public health nuisance, including the following:

1. Immediately vacate those portions of the property, including building or structure interiors, which may place the occupants or visitors at risk.
2. Promptly contract with appropriate environmental testing and cleaning firms to conduct an on-site assessment, complete clean-up and remediation testing and follow-up testing, and determine that the property risks are sufficiently reduced to allow safe human occupancy of the dwelling. The property owner shall notify the City of actions taken and reach an agreement with the City on the clean-up schedule. The City shall consider practical limitations and the availability of contractors in approving the schedule for clean-up.
3. Provide written documentation of the clean-up process, including a signed, written statement that the property is safe for human occupancy and that the clean-up was conducted in accordance with Minnesota Department of Health guidelines.

E. Property Owner's Responsibility for Costs. The property owner shall be responsible for all costs of vacation or clean-up of the site, including contractor's fees and public costs for services that were performed in association with a clandestine drug lab site or chemical dump site clean-up. Public costs may include, but are not limited to:

1. Posting of the site;
2. Notification of affected parties;
3. Expenses related to the recovery of costs, including the assessment process;
4. Laboratory fees;
5. Clean-up services;
6. Administrative fees; and
7. Other associated costs.

F. Recovery of Public Costs.

1. If, after service of notice of the Declaration of Public Health Nuisance, the property owner fails to arrange appropriate assessment and clean-up, the City

Administrator is authorized to proceed in a prompt manner to initiate the on-site assessment and clean-up.

2. If the City is unable to locate the property owner within ten days of the Declaration of Public Health Nuisance, the City is authorized to proceed in a prompt manner to initiate the on-site assessment and clean-up.
3. The City may abate the nuisance by removing the hazardous structure or building, or otherwise, according to Minnesota Statutes Chapter 463.
4. If the City abates the public health nuisance, in addition to any other legal remedy, the City shall be entitled to recover all costs plus an additional 25% of the costs for administration. The City may recover costs by civil action against the person or persons who own the property or by assessing such costs as a special tax against the property in the manner as taxes and special assessments are certified and collected pursuant to M.S. §429.101.

G. Authority to Modify or Remove Declaration of Public Health Nuisance.

1. The City Administrator is authorized to modify the Declaration conditions or remove the Declaration of Public Health Nuisance.
2. Such modifications or removal of the Declaration shall only occur after documentation from a qualified environmental or cleaning firm stating that the health and safety risks, including those to neighbors and potential dwelling occupants, are sufficiently abated or corrected to allow safe occupancy of the dwelling.

Penalty see §900.99 Violations and Penalties.

**900.23 Duties of City Officers**

The Police Department is authorized to enforce the provisions relating to nuisances. Any peace officer shall have the power to inspect private premises and take all reasonable precautions to prevent the commission and maintenance of public nuisances. Except in emergency situations of imminent danger to human life and safety, no police officer shall not enter private property for the purpose of inspecting public nuisances without the permission of the owner, resident or other person in control of the property, unless the officer has obtained a warrant or order from a court of competent jurisdiction authorizing the entry.

**900.24 Abatement**  
**Subdivision 1 Notice.**

Written notice of violation, notice of the time, date, place and subject of any hearing before the City Council, notice of City Council order, and notice of motion for summary enforcement hearing shall be giving as set forth in this section.

- A. Notice of violation. Written notice of violation shall be served by a peace officer on the owner of record or occupant of the premises either in person or by certified or registered mail. If the premises is not occupied, the owner of record is unknown, or the owner of record or occupant refuses to accept notice of violation, notice of violation shall be served by posting it on the premises.
- B. Notice of City Council hearing. Written notice of any City Council hearing to determine or abate a nuisance shall be served on the owner of record and occupant of the premises either in person or by certified or registered mail. If the premises is not occupied, the owner of record is unknown, or the owner of record or occupant refuses to accept notice of City Council hearing, notice of City Council hearing shall be served by posting it on the premises.
- C. Notice of City Council Order. Except for those cases determined by the City to require summary enforcement, written notice of any City Council order shall be made as provided in M.S. §463.17 (Hazardous and Substandard Building Act) as it may be amended from time to time.
- D. Notice of motion for summary enforcement. Written notice of any motion for summary enforcement shall be made as provided for in M.S. §463.17 (Hazardous and Substandard Building Act) as it may be amended from time to time.

**Subdivision 2 Procedure.**

Whenever a peace officer determines that a public nuisance is being maintained or exists on the premises in the City, the officer shall notify in writing the owner of record or occupant of the premises of such fact and order that the nuisance be terminated or abated. The notice of violation shall specify the steps to be taken to abate the nuisance and the time within which the nuisance is to be abated. If the notice of violation is not complied with within the time specified, the officer shall report that fact forthwith to the City Council. Thereafter, the City Council may, after notice to the owner or occupant and an opportunity to be heard, determine that the condition identified in the notice of violation is a nuisance and further order that if the nuisance is not abated by the time prescribed by the City Council; the City shall seek injunctive relief by serving a copy of the City Council order and notice of motion for summary enforcement.

**Subdivision 3 Emergency procedure, summary enforcement.**

In cases of emergency, where delay in abatement required to complete the notice and procedure requirements set forth in Subdivisions 1 and 2 of this section will permit a continuing nuisance to unreasonably endanger public health and safety or welfare, the City Council may order summary enforcement and abate the nuisance. To proceed with summary enforcement, the officer shall determine that a public nuisance exists or is being maintained on premises in the City and that delay in abatement of the nuisance will unreasonably endanger public health, safety or welfare. The officer shall notify in writing the occupant or owner of the premises of the nature of the nuisance and the of City's intentions to seek summary enforcement and the time and place of the City Council

meeting to consider the question of the summary enforcement. The City Council shall determine whether or not the condition identified in the notice to the owner or occupant is a nuisance, whether public health, safety, or welfare will be unreasonably endangered by delay in abatement required to complete the procedure set forth in Subdivision 1 of this section, and may order that the nuisance be immediately terminated or abated. If the nuisance is not immediately terminated or abated, the City Council may order summary enforcement and abate the nuisance.

**Subdivision 4 Immediate abatement.**

Nothing in this section shall prevent the City, without notice or other process, from immediately abating any condition which poses an imminent and serious hazard to human life or safety.

Penalty see §900.99

**900.24 Recovery of Cost**

**Subdivision 1 Personal liability.**

The owner of premises on which a nuisance has been abated by the City shall be personally liable for the cost to the City of the abatement, including administrative costs. As soon as the work has been completed and the costs determined, the City Administrator or other official shall prepare a bill for the cost and mail it to the owner. Thereupon shall be immediately due and payable at the office of the City Administrator.

**Subdivision 2 Assessment.**

After notice and hearing as provided in M.S. §429.061, as it may be amended from time to time, if the nuisance is a public health or safety hazard on private property, the accumulation of snow and ice on public sidewalks, the growth of weeds on private property or outside the traveled portion of streets, or unsound or insect infected trees, the City Administrator shall, on or before October 1, next following abatement of the nuisance, list the total unpaid charges along with all other charges for current service to be assessed under M.S. §429.101 against each separate lot or parcel to which the charges are attributable. The City Council may then spread the charges against the property under that statute and pertinent statutes for certification to the County Auditor and collection along with current taxes the following year or in annual installments, not exceeding ten (10), as the City Council may determine in each case.



# CITY OF BLACKDUCK

## RESOLUTION NO: 2025-20

### **A RESOLUTION ADOPTING A SCHEDULE OF FEES AND CHARGES FOR VARIOUS SERVICES, LICENSES, & PERMITS FOR THE CITY OF BLACKDUCK, MINNESOTA FOR 2026**

**WHEREAS**, the City Council of the City of Blackduck has amended and supplemented to be its City Code and that code permits the City to adopt by resolution a schedule of fees and charges for various services, licenses, and permits.

**NOW THEREFORE**, the City Council of the City of Blackduck, Minnesota ordains:

**Section 1.** All fees and charges in effect January 1, 2026 of the city code for the City shall remain in effect unless otherwise modified by the provisions of the ordinance. All citations below are to various sections of the city code unless otherwise indicated.

**Section 2.** The following are the fees and charges for the permits, licenses and services listed below which are referenced to the section of the city code which authorizes their establishment.

#### **General**

1. The fee for an open burning permit pursuant to §900.64 shall be \$10.00.
2. The fee for dog licenses pursuant to § 920.02 shall be \$5.00 for a spayed females or neutered male dog and \$10.00 for any non-spayed or neutered dog.
3. The fee for a theatre license pursuant to §1110.01 shall be \$15.00.
4. The fee for a billiards or pool license pursuant to §1110.01 shall be \$10.00.
5. The fee for Sexually Oriented Businesses License pursuant to §1160.06 shall be \$1000.00.
6. The fee for a Peddlers and/or Solicitors License pursuant to §1130.02 shall be \$100.00.

#### **Land Use:**

7. The fee for an excavation permit pursuant to §930.25 shall be \$100.00.
8. The fee for an obstruction permit pursuant to §930.25 shall be \$25.00.
9. The fee for a land use permit pursuant to § 1560.12 shall be \$50.00.
10. The fee for a conditional use permit pursuant to § 1560.12 shall be \$150.00.
11. The fee for a variance pursuant to § 1560.12 shall be \$125.00.
12. The fee for a zoning amendment pursuant to § 1560.12 shall be \$125.00.
13. The fee for a planned unit development or subdivision permit pursuant to § 1560.12 shall be \$200.00.
14. The fee for a land division request pursuant to §1560.12 shall be \$30.00.
15. The fee for code violation pursuant to § 1560.11 shall be \$50.00.
16. The fee for no land use permit pursuant to § 1561.02 shall be \$100.



# CITY OF BLACKDUCK

## RESOLUTION NO: 2025-20

### Rental:

17. The fee for a rental housing license pursuant to § 1150.08 shall be \$30.00.
18. The fee for a single-family rental dwelling inspection pursuant to § 1150.08 shall be \$82.00 for the first inspection and \$60.00 for all follow-up inspections.
19. The fee for a multi-family dwelling inspection pursuant to § 1150.08 shall be \$82.00 per apartment or unit for the first inspection and \$60.00 for all follow-up inspections.

### Liquor Licensing:

20. The fee for a Club License pursuant to §1560.12 shall be based on club membership as follows: Under 200 members - \$300.00; 201-500 members - \$500.00; 501-1,000 members - \$650.00; 1,000-2,000 members - \$800.00.
21. The fee for an On Sale Intoxicating Liquor License pursuant to §1120.23 shall be \$1700.00
22. The fee for an On Sale 3.2 Beer License pursuant to §1120.23 shall be \$150.00.
23. The fee for an Off-sale 3.2 Beer License pursuant to §1120.23 shall be \$50.00
24. The fee for a Wine Permit pursuant to §1120.23 shall be \$150.00.
25. The fee for a special event On-Sale Liquor shall be \$25.00.

### Water/Sewer:

26. The monthly water base fee for a Residential/ Low Volume User (5/8"-3/4" Meter) shall be \$18.00 .
27. The monthly water base fee for a Multi-Family Dwelling Unit shall be \$18.00 per unit.
28. The monthly water base fee for a Large Volume User shall be \$28.00.
29. The monthly sewer base fee for a Residential/Low Volume User (5/8"-3/4" Meter) shall be \$18.00.
30. The monthly sewer base fee for a Multi-Family Dwelling Unit shall be \$18.00 per unit.
31. The monthly sewer base fee for a Large Volume User shall be \$28.00.
32. The fee for water shall be \$0.0076/gallon
33. The fee for sewer shall be \$0.0076/gallon
34. The fee for bulk water shall be \$9.90 per thousand gallons.
35. The fee for an account setup shall be \$25.00.
36. The fee for reading a meter shall be \$25.00.
37. All water meters shall be reimbursed at cost.
38. The fee for gaskets shall be reimbursed at cost.
39. The fee for labor to replace a water meter shall be \$25.00.
40. The fee for Disconnection shall be \$25.00.
41. The Tap fee for Water connection shall be \$250
42. The fee for Septic Load Discharge will be \$25 per load.
43. The fee for a Sanitary Sewer Discharge Permit shall be \$100.00.
44. Late fee/Penalty Charge shall be \$5.00.
45. Minnesota State Drinking Water Fee shall be ~~\$9.72/annually~~ \$15.22/annually.



# CITY OF BLACKDUCK RESOLUTION NO: 2025-20

## Pine Tree Park Campground:

46. The fee for picnic shelter reservations shall be \$35.00.
47. The fee for RV campsites with electric and water shall be \$30.00 per night
48. The fee for primitive campsites with electric shall be \$28.00 per night
49. The fee for primitive campsites w/o electric and water shall be \$22.00 per night
50. The fee for RV sanitary dump shall be \$15.00.
51. The fee for violation of pine tree park regulations pursuant to §195 shall be \$50.00.

## Cemetery:

52. The fee for a single grave space pursuant to § 600.03 shall be \$250.00 of which \$187.50 shall be allocated to the Cemetery Fund and \$62.50 shall be allocated to the Perpetual Care Fund.
53. The fee for vault rental pursuant to § 600.03 shall be \$100.00 if burial @ Lakeview Cemetery, or \$175 if not.
54. The fee for conduct violation pursuant to § 600.06 shall be \$25.00

## Additional Ordinance's

55. The fee for Animals Running at Large pursuant to § 920.02 Subd. 1 shall be \$25.00 for the 1<sup>st</sup> offense; \$50 for a 2<sup>nd</sup> offense; & \$60 for a 3<sup>rd</sup> offense.
56. The fee for Dangerous Animals pursuant to §920.11 shall be \$60.
56. The fee for Habitual Barking Dog pursuant to § 920.07 Subd. 1 shall be \$25.00.
57. The fee for Failure to License Dogs pursuant to § 920.02 Subd. 2 shall be \$25.00.
58. The fee for Lurking or Loitering pursuant to § 209 shall be \$50.00.
59. The fee for Curfew Violation pursuant to § 27.00 shall be \$50.00.
60. The fee for Public Nuisance – pursuant to § 900.15 shall be \$50.00 for the 1<sup>st</sup> offense and \$100 for the 2<sup>nd</sup> offense.
61. The fee for Public Nuisances Affecting Peace & Safety pursuant to §900.18 V.(1) Noises prohibited shall be \$60
62. The fee for Parking Violations pursuant to §710.01 shall be \$25.00
63. The fee for Impeding Snow Removal pursuant to § 710.07 shall be \$25.00
64. The fee for Time Limitations on Parking Restriction pursuant to § 710.05 shall be \$20.00.
65. The fee for Snow Removal Parking Restriction pursuant to §710.06 shall be \$20.00.
66. The fee for Snow Emergency pursuant to § 710.08 shall be \$25.00.
67. The fee for Material on the Sidewalk pursuant to § 930.03 shall be \$25.00.
68. The fee for Obstruction of Streets pursuant to § 930.02 shall be \$50.00.
69. The fee for Failure to Obtain Permit to Excavate in Street, Etc. pursuant to § 930.22 Subd. 1 shall be \$75.00
70. The fee for Failure to Stop at Intersections pursuant to §700.03 shall be \$75.00.
71. The fee for Excessive Noise pursuant to § 700.07 Subd 1&2 shall be \$50.00.
72. The fee for U-Turns pursuant to § 700.06 shall be \$60.00
73. The fee for Exhibition Driving pursuant to §700.08 shall be \$60.00
74. The fee for Cruising pursuant to § 700.09 shall be \$60.00.
75. The fee for Motor Vehicle Noise pursuant to §700.10 shall be \$60.00/



# CITY OF BLACKDUCK RESOLUTION NO: 2025-20


76. The fee for Snow Mobile and ATV Restriction pursuant to § 720.05 shall be \$60.00.
77. The fee for Persons under 18 – Snowmobile pursuant to § 720.06 shall be \$60.00.
78. The fee for failing to Stop or Yield pursuant to §720.07 shall be \$60.00.
79. The fee for Unauthorized Use of Motor Vehicle on Trail pursuant to §740.03 Subd 1 shall be \$60.00.
80. The fee for Unauthorized Use of Snowmobile on Trail pursuant to § 740.03 Subd 2 shall be \$60.00.
81. The fee for Disobeying Stop Sign pursuant to § 740.03 subd 3A shall be \$60.00.
82. The fee for Failing to Yield Right-of-Way pursuant to §740.03 Subd 3D shall be \$60.00.
83. The fee for Littering pursuant to § 740.06 Subd. 3 shall be \$25.00.
84. The fee for Consumption in Public Places pursuant to §1120.05 shall be \$60.00.
85. The fee for Intoxicating Liquor Sale to Minors pursuant to §1120.06 shall be \$60.
86. The fee for Discharge of Gun/Firework in the City Limits of Blackduck pursuant to §1300.02 shall be \$60.
87. The fee for Curfew Violation pursuant to §1300.03 shall be \$25 for a 1<sup>st</sup> offense; \$50 for a 2<sup>nd</sup> offense; & \$60 for a 3<sup>rd</sup> offense.
88. The fee for Disorderly Conduct pursuant to §1300.07 shall be \$60.

### **Other Miscellaneous Fees:**

89. The fee for Concession for profit vendors at the Wayside Rest shall be \$10.00 with electric.
90. The fee for copies shall be \$0.15 for black and white and \$0.99 for color.
91. The fee for faxes shall be \$1.00 for the first page and \$.15 for each additional page.
92. The fee for impounded automobiles shall be \$45.00 per day
93. The fee for Club House rental is \$250.00 for 6 hours.
94. The fee for a Notary shall be \$2.00.

Revised & Adopted by the City Council of the City of Blackduck on the 8<sup>th</sup> of December, 2025.

Approved:

  
\_\_\_\_\_  
Maxwell Gullette, Mayor

  
\_\_\_\_\_  
Christina Regas – City Administrator



# BLACKDUCK PLANNING MEETING

Regular Planning Meeting

Blackduck City Hall

February 18, 2026 @ 2pm

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## **ROLL CALL:**

**Commissioners present:** Ron Rockis, Kayla Smischney, Ernie Tindell

**Commissioners Absent:** Curt Cease, and John Winnett

**Staff Present:** Christina Regas

**Public Present:** Max Gulette

Meeting was called to order at 2:01pm by Mayor Gulette.

**Approval of Minutes** – *Moved by Tindell and seconded Smischney by to approve the minutes of the November 19, 2025 meeting. Motion carried.*

## **Old Business** –

1. Birch & Beyond Inc – Petition for Vacation of Alley – Regas reports no new action taken at this time.
2. Mike Murray ROW request – 325 Summit Ave E. – Request vacate/sale ROW – Regas reports no new action taken at this time but does have the documentation from Murray and adjacent land owners to allow the ROW sale. Regas states next steps will be to have the property surveyed at the owners cost in the spring.
3. Bogarts Repair & Recovery – Petroleum Tank Removal & Potential Expansion – Regas reports removal is completed and MPCA has provided confirmation at State level.
4. Blackduck Coop Ag Services Parcel Division/Combination- Regas reports land division/combination is completed and filed with Beltrami County.
5. Public Nuisance/Blight Administration Fines – Commissioner Rockis and Smischney request the City take firmer action on fining property owners that refuse to clean up their properties. Rockis reports on repeat offenders and notes it is not fair to the other residents that follow ordinance. Mayor Gulette agrees the current fine is minimal. Regas reports the fine if increased should be high enough to recoup legal fees.

*Moved by Commissioner Smischney and seconded by Commissioner Rockis to recommend the City Council increase the fine for Section 900.15-25 to \$500. Motion carried.*

Regas will add the Planning board recommendation to new business on the February 23, 2026 work session agenda.

## **New Business** –

1. Railbank Conveyance of real estate to Phillip Patch - Regas reports the conveyance from MnDot to Philip and Tammy Patch has moved ahead and the City Council has approval of conveyance of real property on February 9, 2026.



# BLACKDUCK PLANNING MEETING

Regular Planning Meeting

Blackduck City Hall

February 18, 2026 @ 2pm

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2. 2026 City Wide Clean Event – Commissioners discussed a date for the 2026 City Wide Clean up event for Thursday, May 14, 2026. Regas will bring details regarding the 2025 event to the next meeting.

**Adjourn** – *Moved by Commission Smischney and seconded by Commission Rockis to adjourn the planning meeting at 2:35pm. Motion carried.*