

MS4 Permit TMDL Application

Municipal Separate Storm Sewer System (MS4) Program

Total Maximum Daily Load (TMDL)

wq-strm4-62 (Revised 9/25/20)

The worksheets in this workbook are customized for :

Lino Lakes city of

Instructions

You must complete this form for your applicable waste load allocations (WLAs) for oxygen demand, nitrate, total suspended solids (TSS), and total phosphorus (TP). Navigate the form using the worksheet tabs and complete all of the required fields as needed. MPCA staff have inserted the applicable TMDL projects on the *Applicable WLAs determination* tab. Applicants will need to determine whether or not they are meeting the WLAs associated with each TMDL and then provide the information required with that determination on subsequent workbook tabs.

Notes for using this workbook

For the workbook to function- you must click Enable Content when opening, and save it as a macro-enabled spreadsheet (.xlsm type file)

This spreadsheet contains macros. Save the file as a macro-enabled file to retain the macros.

If you need to clear a cell, please use the delete button and not the backspace button.

Some entries are optional. Look at the column header to identify cells that are optional.

This workbook contains protected cells that allow you to enter values but do not delete or change coding.

Worksheets with white tabs are for information only and do not require any input from the applicant.

Worksheets with green tabs may require information from the applicant.

This workbook contains worksheets for TMDL Waste Load Allocations

The worksheet called **Bacteria Chloride Temp** contains a custom list of applicable WLAs for bacteria, chloride or temperature. This provides information to answer questions 141, 146 and 151 on the MS4 Part 2 Permit Application.

The worksheet called *Applicable WLAs Determination* contains a custom list of oxygen demand, nitrate, TSS and/or TP WLAs for each permittee. Column B in this worksheet needs to be completed by the applicant in order to populate the following worksheets. If there are no TMDLs listed, you have no TMDLs to report on in this workbook, and you should enter 'No' for question 155 on the MS4 Part 2 Permit Application.

The worksheet called Compliance Schedule should be completed for all oxygen demand, nitrate, TSS and/or TP TMDL Waste Load Allocations (WLAs) you are not meeting.

The worksheet called Compliance Schedule BMPs should be completed for all oxygen demand, nitrate, TSS and/or TP TMDL Waste Load Allocations (WLAs) you are not meeting.

The worksheet called Reductions for WLAs met should be completed for all oxygen demand, nitrate, TSS and/or TP TMDL Waste Load Allocations (WLAs) you are claiming to meet.

The worksheet called **BMPs** for **WLAs** met should be completed for all oxygen demand, nitrate, TSS and/or TP TMDL Waste Load Allocations (WLAs) you are claiming to meet.

The worksheet called **TMDL Master List** contains summary information for <u>all</u> U.S. Environmental Protection Agency-approved TMDL waste load allocations. It is for informational/reference purposes only.

Questions?

If you have any questions, see the MS4 staff page to find the staff assigned to your MS4 at:

https://stormwater.pca.state.mn.us/index.php?title=MS4 staff contact information and staff assignments

or see the staff contact information on the Minnesota Pollution Control Agency's (MPCA) MS4 webpage at: https://www.pca.state.mn.us/water/municipal-stormwater-ms4

Useful links

Guidance on completing this form (workbook) - found on the MPCA's website at:

https://stormwater.pca.state.mn.us/index.php?title=Guidance for completing the MS4 Permit TMDL Application Form

The above link includes guidance for completing the form, examples for completing the form, and a video illustrating how to complete the form.

Link to permit - found on MPCA's website at:

https://stormwater.pca.state.mn.us/index.php?title=Stormwater Program for Municipal Separate Storm Sewer Systems (MS4)#MS4 stormwater permit

Guidance for categorical wasteload allocations - found on the MPCA's website at:

https://stormwater.pca.state.mn.us/index.php?title=Guidance for categorical TMDLs

Bacteria, Chloride and Temperature Wasteload Allocation TMDL projects (permit item 12.9)

Rice Creek

Column A, rows 9 and beyond, will list any applicable WLAs for bacteria, chloride or temperature TMDL projects (USEPA approved, more than a zero % reduction). Use the information in this tab to answer questions 141, 146 and 151 in the MS4 Part 2 Permit Application. If there is not a project listed for any certain pollutant, you would check the 'No' box for the corresponding question(s) in the MS4 Part 2 Permit Application.

Permittee name	Lino Lakes city of	
Percent Reduction	(Multiple Items)	
Applicable WLAs for Bacteria, Temperature, or Chloride		
Chloride		
Twin Cities Metro Area Chloride TMDL and Management Plan		
South Long		
E. coli		
Upper Mississippi River Bacteria TMDL		

Applicable Oxygen Demand, Nitrate, TSS, TP TMDL projects (permit item 12.8 & 12.10)

Clarma N, row 9 and below reducts any applicable VLA to (ISEPA approach more han a zero V in deduction (or organ demand, rishes). TSS, or TP TMDL projects. They are bised by TMDL project name-weiserbody indicated colorable (solid believe to clarify the solid below to the colorable VLA or frost projects). The applicant measures makes to make a determination of they are meeting each WLA or not and type "Yet" or "No" in Colorable D. Occay locus or done with project demandation of Colorable Colorable VLA or most project or "No" in Colorable D. Occay locus or done with project demandation of Colorable Colorable VLA or not and type "Yet" or "No" in Colorable D. Occay locus or done with project demandation of Colorable Colorable VLA or not and type "Yet" or "No" in Colorable D. Occay locus or done with project demandation of the solid Colorable C

Permittee name	Lino Lakes city of
Pollutant	(Multiple Items)
Percent Reduction	(Multiple Items)
Notes	(Multiple Items)
	Workbook autopopulated. Continue to other tabs.
Applicable Oxygen Demand, Nitrate, TP and/or TSS WLA TMDLs-Waterbody-Pollutant	Meeting WLA? (Yes/No)
Bald Eagle Lake Nutrient TMDL-Bald Eagle-(62-0002-00)-TP	No
Bald Eagle Lake Nutrient TMDL-Bald Eagle-(62-0002-00)-TP Golden Lake TMDL-Golden-(02-0045-00)-TP	Yes
	Yes
Golden Lake TMDL-Golden-(02-0045-00)-TP	Yes
Golden Lake TMDL-Golden-(02-0045-00)-TP Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL-Hardwood Creek-(07010206-596)-	Yes No
Golden Lake TMDL-Golden-(02-0045-00)-TP Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL-Hardwood Creek-(07010206-596)- Total Oxygen Demand Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL-Hardwood Creek-(07010206-596)-	Yes No

Permittee name Pollutant	Lino Lakes city of (Multiple Items)

MDL Project - waterbody - pollutant	WLA type	Numeric WLA	Units	Flow Condition	Percent Reduction	Notes
Bald Eagle Lake Nutrient TMDL-Bald Eagle-(62-0002-00)-TP	Categorical	1 970	Ibsiday	Not Applicable	38%	(blank)
Baid Eagle Lake Nutrient IMDL-Baid Eagle-(62-0002-00)-1P	Categorical					
	-	719.000	lbs/yr	Not Applicable	38%	(blank)
Golden Lake TMDL-Golden-(02-0045-00)-TP	Categorical	0.380	lbs/day	Not Applicable	Not Available	(blank)
		138.000	lbs/yr	Not Applicable	Not Available	(blank)
Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL-						
Hardwood Creek-(07010206-596)-Total Oxygen Demand	Categorical	10.000	lbs/day	Mid	Not Available	(blank)
		104.000	lbs/day	Very High	Not Available	(blank)
		2.000	lbs/day	Very Low	Not Available	(blank)
		25.000	lbs/day	High	Not Available	(blank)
		5.000	lbs/day	Low	Not Available	(blank)
Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL-	-					
Hardwood Creek-(07010206-596)-TSS	Categorical	100.000	lbs/day	High	Not Available	(blank)
		17.000	lbs/day	Low	Not Available	(blank)
		38.000	lbs/day	Mid	Not Available	(blank)
		413.000	lbs/day	Very High	Not Available	(blank)
		6.000	lbs/day	Very Low	Not Available	(blank)
Peltier/Centerville Lake Nutrient Impairment TMDL-Peltier-(02-0004-			,	,		(====)
00)-TP	Categorical	4,780	lbs/day (see r	Not Applicable	62%	TMDL based on June thro
		583.000	Ibs/growing so	Not Applicable	62%	TMDL based on June thro
Vadnais Lake Area WMO-Wilkinson-(62-0043-00)-TP	Individual	0.003	Ibs/day	Not Applicable	76%	(blank)
		1.200	lbs/vr	Not Applicable	76%	(blank)

Fill in the target year that each of the applicable WLA(s) will be achieved for each TMDL, waterbody and pollutant listed in column A. If you have an applicable WLA for total suspended solids (TSS) or total phosphorus (TP), a cumulative estimate of TSS and TP load reductions to be achieved during the permit term and the method used to determine the estimate should be entered in Columns D and E. For further instruction on completing this tab, refer to:

https://stormwater.pca.state.mn.us/index.php?title=Guidance for completing the MS4 Permit TMDL Application Form#12.8 Compliance schedule tab

https://stormwater.pca.state.mn.us/index.php?title=Guida	nce for completing the M	IS4 Permit TMDL Applicat	.ion Form#12.8 Compliance schedule tab					
TMDL Project Name, Waterbody, and Pollutant Bald Eagle Lake Nutrient TMDL-Bald Eagle-(62-0002-	Pollutant	Target year WLA will be achieved	Estimated pollutant reduction this permit cycle (include units, such as lbs, percent reduction, lb/acre, etc.)	Method(s) for calculating reduction				
Bald Eagle Lake Nutrient TMDL-Bald Eagle-(62-0002- 00)-TP	TP	2050	0-15% this permit cycle	Other				
Hardwood Creek Impaired Biota and Dissolved Oxygen		2000	o 10 70 and points dyolo	Out of				
TMDL-Hardwood Creek-(07010206-596)-Total Oxygen Demand	Oxygen Demand	2050	0-15% this permit cycle	Other				
Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL-Hardwood Creek-(07010206-596)-TSS	TSS	2050	0-15% this permit cycle	Other				
Peltier/Centerville Lake Nutrient Impairment TMDL- Peltier-(02-0004-00)-TP	TP	2050	0-15% this permit cycle	Other				
Vadnais Lake Area WMO-Wilkinson-(62-0043-00)-TP	TP	2050	0-15% this permit cycle	Other				
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Compliance schedule Best Management Practices (BMPs) for Wasteload Allocations not being met (permit item 12.8)

Fill in the following table with your proposed best management practices (BMPs) or progress toward implementation of BMPs to be achieved during the permit term, anticipated number of practices (if you are planning to install more than one of any type of BMP), and the year each BMP is expected to be implemented ("Implementation Year(s)" column). Put an "X" in the boxes for the TMDL that corresponds with each BMP. Where possible, please select the appropriate BMP from the dropdown (click on downward arrow to see options) in the "Best Management Practice/Activity" column. Otherwise, you are free to enter text in this worksheet. For more guidance on completing this tab, see:

https://stormwater.pca.state.mn.us/index.php?title=Guidance for completing the MS4 Permit TMDL Application Form#12.8 Compliance schedule BMPs tab

Required	Optional	Optional	Required	TMDL-Water	rbody-Pollutant			
Best Management Practice/Activity	BMP description (Select all that apply)	Anticipated number of practices (if applicable)	Expected Implementation Year(s)	Bald Eagle Lake Nutrient TMDL-Bald	Impaired Biota and	Dissolved Oxygen TMDL Hardwood Creek-	Peltier/Centerville Lake Nutrient Impairment TMDL-Peltier-(02-0004- 00)-TP	Vadnais Lake Area WMO- Wilkinson-(62-0043-00)- TP
	Agricultural Conversion Upon Development		entire permit cycle	Х	X	X	X	X
Constructed basin	Multiple pond system		entire permit cycle	X	X	X	X	X
Enhanced road salt management	Salt brine, Use of treated salt, Salt storage		entire permit cycle	X	X	X	X	X
Supplemental_employee_education_training	Employee education, Staff training, Contaminant source inventory		entire permit cycle	х	х	х	х	х
Supplemental_public_education_outreach	Presentations, Publications, Workshops/Clinics		entire permit cycle	X	X	X	X	X
Supplemental street sweeping	Modified sweeping schedule		entire permit cycle	X	X	X	X	X
	Pollutant study for Wilkinson TMDL		entire permit cycle					X
								1
		1						1
		1						1
		1						
								1

Documentation for Waste load Allocations being met (permit item 12.10)

Fill in the following table for each applicable oxyen demand, nitrate, TSS and/or TP WLA you are claiming to meet using the MPCA-approved method. This should either demonstrate the cumulative estimated reductions from BMPs that serve to meet the MS4 WLA reductions included in the TMDL report OR demonstrates the MS4's existing load meets the WLA. For more guidance on completing this tab, see:

https://stormwater.pca.state.mn.us/index.php?title=Guidance_for_completing_the_MS4_Permit_TMDL_Application_Form#12.10_Reductions_for_WLAs_met_tab

Required		Cumulative Estimated Reductions - Required								Required	Required if WLA is categorical	Required if WLA is categorical	Optional	
TMDL project name, waterbody and pollutant	Cumulative estimated reduction-How are you claiming to meet	value corresponding	Method(s) used to	Name of other model	Do you have the calculations available	Applicable WLAs	If part of a Categorical WLA, how did you determine your portion of the WLA?	What is your portion of the	Notes					
Golden Lake TMDL-Golden-(02-0045-00)-TP	Pounds reduced	MPCA Simple bunds reduced 28.84 lb/yr Estimator			Yes	Yes	Proportion of watershed area		Based on the MPCA simple estimator we show a reduction of .11 lb/year below the WLA					
0														
0														

BMPs (Best Management Practices) for Wasteload Allocations being met (permit item 12.10)

Fill in the following table with a list of all stimmater BMPs implemented to achieve the applicable WLA. For structural BMPs, it is required to include the BMP type, year implemented, boatton in geographic coordinates (accordinate and your continue) and your management of the property of the

For the "Best Management Practice/Activity" col	umn, please use the dropdown (click on downward arrow to see	options) whenever possible.										1		
Required	Optional	Required field	Optional	Geographic coordinates required if not autofilled with "NA"		Required	Required if cell says "Enter owner"	Optional	Optional	Optional	Optional	TMDL Project-Waterbody-Pollutant		
Best Management Practice/Activity		Implementation Year(s)	Are you lumping multiple BMPs?	X coordinate (e.g 93.38494434)	Y coordinate (e.g., 45.21049133)		Other owner	Estimated TSS reduction (lbs)	Estimated phosphorus reduction (lbs)		Estimated Total Nitrate reduction (lbs)	Golden Lake TMDL- Golden-(02-0045-00)-TP	•	
Enhanced road salt management	Salt brine	2021-present	Yes	NA.	NA.	Permittee (you)	NA.	NA	NA			X		1
Supplemental street sweeping	Modified sweeping schedule	2017-present	Yes	NA.	NA.	Permittee (you)	NA.	NA	NA			X		1
Constructed basin	Wet pond/wet detention pond	2006	Yes	NA.	NA.	Permittee (you)	NA.					X		1
Constructed basin	Pond/wetland system	2005	Yes	NA.	NA.	Permittee (you)	NA					x		1
	Isolated basin	2004	Yes	NA.	NA.	Permittee (you)	NA					X		
	Disconnection from Watershed-Water bypasses Golden Lake through storm sewer and goes into Rice Lake	2005	Yes	NA.	NA.	Permittee (you)	NA					х		
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TMDL Master List

Municipal Separate Storm Sewer Systems (MS4) Program
Total Maximum Daily Load (TMDL), Wasteload Allocations (WLAs)

This table is for reference only and shows ALL waste load allocations assigned to an MS4 and all flow zones, whether they need to be reported on in this application or not. See 'Applicable WLAs determination' tab for oxygen demand, nitrogen, TSS and TP WLAs that need compliance schedules or documentation to demonstrate that the WLAs are being met.

need compliance schedules or documentation to demonstrate that the WLAs are being met.														
Permittee name	MS4 Permit #	TMDL project name	Waterbody ID	Waterbody name	WLA type	Numeric WLA	Units	Flow Condition	Percent Reduction	Pollutant	Annual/Daily	MPCA Recommended Baseline vear	TMDL Approval Date	Notes
Lino Lakes city of	MS400100	Bald Eagle Lake Nutrient TMDL	62-0002-00	Bald Eagle	Categorical	719.000	lbs/yr	Not Applicable	38%	TP	Annual	2005	6/11/2012	
Lino Lakes city of	MS400100	Bald Eagle Lake Nutrient TMDL	62-0002-00	Bald Eagle	Categorical	1.970	lbs/day	Not Applicable	38%	TP	Daily	2005	6/11/2012	
Lino Lakes city of	MS400100	Golden Lake TMDL	02-0045-00	Golden	Categorical	138.000	lbs/yr	Not Applicable	Not Available	TP	Annual	2004	9/30/2009	
Lino Lakes city of	MS400100	Golden Lake TMDL Hardwood Creek Impaired Biota and Dissolved	02-0045-00	Golden	Categorical	0.380	lbs/day	Not Applicable	Not Available	TP	Daily	2004	9/30/2009	
Lino Lakes city of	MS400100	Oxygen TMDL	07010206-596	Hardwood Creek	Categorical	413.000	lbs/day	Very High	Not Available	TSS	Daily	2002	6/18/2009	
Lino Lakes city of	MS400100	Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL Hardwood Creek Impaired Biota and Dissolved	07010206-596	Hardwood Creek	Categorical	100.000	lbs/day	High	Not Available	TSS	Daily	2002	6/18/2009	
Lino Lakes city of	MS400100	Oxygen TMDL Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL Hardwood Creek Impaired Biota and Dissolved	07010206-596	Hardwood Creek	Categorical	38.000	lbs/day	Mid	Not Available	TSS	Daily	2002	6/18/2009	
Lino Lakes city of	MS400100	Oxygen TMDL Hardwood Creek Impaired Biota and Dissolved	07010206-596	Hardwood Creek	Categorical	17.000	lbs/day	Low	Not Available	TSS	Daily	2002	6/18/2009	
Lino Lakes city of	MS400100	Oxygen TMDL Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL Hardwood Creek Impaired Biota and Dissolved	07010206-596	Hardwood Creek	Categorical	6.000	lbs/day	Very Low	Not Available	TSS	Daily	2002	6/18/2009	
Lino Lakes city of	MS400100	Oxygen TMDL	07010206-596	Hardwood Creek	Categorical	104.000	lbs/day	Very High	Not Available	Total Oxygen Demand	Daily	2002	6/18/2009	
Lino Lakes city of	MS400100	Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL Hardwood Creek Impaired Biota and Dissolved	07010206-596	Hardwood Creek	Categorical	25.000	lbs/day	High	Not Available	Total Oxygen Demand	Daily	2002	6/18/2009	
Lino Lakes city of	MS400100	Oxygen TMDL	07010206-596	Hardwood Creek	Categorical	10.000	lbs/day	Mid	Not Available	Total Oxygen Demand	Daily	2002	6/18/2009	
Lino Lakes city of	MS400100	Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL	07010206-596	Hardwood Creek	Categorical	5.000	lbs/day	Low	Not Available	Total Oxygen Demand	Daily	2002	6/18/2009	
Lino Lakes city of	MS400100	Hardwood Creek Impaired Biota and Dissolved Oxygen TMDL	07010206-596	Hardwood Creek	Categorical	2.000	lbs/day	Very Low	Not Available	Total Oxygen Demand	Daily	2002	6/18/2009	
Lino Lakes city of	MS400100	Lino Lakes Chain (Metro)	02-0005-00	George Watch	Categorical	0.420	lbs/day	Not Applicable	0%	TP	Daily	2003	9/27/2013	
Lino Lakes city of	MS400100	Lino Lakes Chain (Metro)	02-0007-00	Marshan	Categorical	1.540	lbs/day	Not Applicable	0%	TP	Daily	2003	9/27/2013	
Lino Lakes city of	MS400100	Lino Lakes Chain (Metro)	02-0008-00	Rice	Categorical	1.210	lbs/day	Not Applicable	0%	TP	Daily	2003	9/27/2013	
Lino Lakes city of	MS400100	Lino Lakes Chain (Metro)	02-0009-00	Reshanau	Categorical	0.030	lbs/day	Not Applicable	0%	TP	Daily	2003	9/27/2013	
Lino Lakes city of	MS400100	Lino Lakes Chain (Metro)	02-0013-00	Baldwin	Categorical	0.220	lbs/day	Not Applicable	0%	TP	Daily	2003	9/27/2013	
Lino Lakes city of	MS400100	Peltier/Centerville Lake Nutrient Impairment TMDL	02-0004-00	Peltier	Categorical	583.000	lbs/growing season (see	Not Applicable	62%	TP	Annual	2001	11/25/2013	TMDL based on June through September growing season (122 days)
Lino Lakes city of	MS400100	Peltier/Centerville Lake Nutrient Impairment TMDL	02-0004-00	Peltier	Categorical	4.780	lbs/day (see notes)	Not Applicable	62%	TP	Daily	2001	11/25/2013	TMDL based on June through September growing season (122 days)
Lino Lakes city of	MS400100	Peltier/Centerville Lake Nutrient Impairment TMDL	02-0006-00	Centerville	Categorical	26.000	lbs/growing season (see	Not Applicable	0%	TP	Annual	2001	11/25/2013	TMDL based on June through September growing season (122 days)
Lino Lakes city of	MS400100	Peltier/Centerville Lake Nutrient Impairment TMDL	02-0006-00	Centerville	Categorical	0.210	lbs/day (see notes)	Not Applicable	0%	TP	Daily	2001	11/25/2013	TMDL based on June through September growing season (122 days)
Lino Lakes city of	MS400100	South Metro Mississippi TSS TMDL Twin Cities Metro Area Chloride TMDL and	07040001-531	Mississippi River	Categorical	154.000	lbs/acre/year	Not Applicable	0%	TSS	Annual	Not Applicable	4/26/2016	
Lino Lakes city of	MS400100	Management Plan	62-0067-02	South Long	Categorical	21534261.000	lbs/yr	Not Applicable	Not Available	Chloride	Annual	Not Applicable	6/9/2016	
Lino Lakes city of	MS400100	Twin Cities Metro Area Chloride TMDL and Management Plan	62-0067-02	South Long	Categorical	58998.000	lbs/day		Not Available	Chloride	Daily	Not Applicable	6/9/2016	
Lino Lakes city of	MS400100	Upper Mississippi River Bacteria TMDL	07010206-584	Rice Creek	Categorical	396.000	billions of organisms/day billions of	Very High	0%	E. coli	Daily	2010	Original TMDL approved 11/20/2014, modification approved 6/5/2019 Original TMDL approved 11/20/2014, modification	
Lino Lakes city of	MS400100	Upper Mississippi River Bacteria TMDL	07010206-584	Rice Creek	Categorical	96.800	organisms/day billions of	High	4.80%	E. coli	Daily	2010	approved 6/5/2019 Original TMDL approved 11/20/2014, modification approved 6/5/2019 Original TMDL approved 11/20/2014, modification	
Lino Lakes city of	MS400100	Upper Mississippi River Bacteria TMDL	07010206-584	Rice Creek	Categorical	23.600	organisms/day	Mid	44%	E. coli	Daily	2010	approved 6/5/2019	
Lino Lakes city of	MS400100	Upper Mississippi River Bacteria TMDL	07010206-584	Rice Creek	Categorical	4.930	billions of organisms/day	Low	Insufficient Data	E. coli	Daily	2010	Original TMDL approved 11/20/2014, modification approved 6/5/2019	
Lino Lakes city of	MS400100	Upper Mississippi River Bacteria TMDL	07010206-584	Rice Creek	Categorical	1.750	billions of organisms/day		Insufficient Data	E. coli	Daily	2010	Original TMDL approved 11/20/2014, modification approved 6/5/2019	
Lino Lakes city of	MS400100	Vadnais Lake Area WMO	62-0043-00	Wilkinson	Individual	1.200	lbs/yr	Not Applicable	76%	TP	Annual	2007	4/3/2014	
Lino Lakes city of	MS400100	Vadnais Lake Area WMO	62-0043-00	Wilkinson	Individual	0.003	lbs/day	Not Applicable	76%	TP	Daily	2007	4/3/2014	