Minnesota Pollution Control Agency
520 Lafayette Road North
St. Paul, MN 55155-4194

PPL Projects in Unsewered Areas Scoring Worksheet

Project Priority List (PPL)
Minnesota Rule Chapter 7077.0118

Doc Type: PPL Points Determination

MPCA Use Only

Project Number
Staff Engineer
Total Points
Date

Facility Information (please print)

Project name: Afton
Applicant name (if different): City of Afton
Contact name: Ronald Moorse Title: City Administrator
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Instructions

This worksheet is used to score all requests for state financial assistance for wastewater improvement projects in unsewered areas. Scoring is based on the environmental criteria contained in Minnesota Rule Chapter 7077. The result of scoring is a ranked list called the Project Priority List (PPL) from which projects will be selected for funding.

Applicants must complete their sections of the worksheet and submit it with their requests for placement on the PPL. As part of completing the worksheet, the applicant must provide sufficient documentation to support the award of points. Complete application information is located on the Minnesota Pollution Control Agency (MPCA) website at http://www.pca.state.mn.us/ppl.

Complete this form if your proposal includes new or improved wastewater facilities within an unsewered area.

For more information, contact: Bill Dunn, Clean Water Revolving Fund Coordinator at 651-757-2324, Fax 651-297-8324 or bill.dunn@state.mn.us.

Note: Round up calculated point value for each of the questions 105 – 115 and 125 to the next whole number (e.g., 4.1 = 5).

Applicant completes questions 105 – 140; MPCA completes questions 145 - 150

Points

Required submittals include:

1) State Revolving Fund Project Priority List, Part 1: Unsewered Area Needs Documentation for questions 105, 110, 115, 120 and 125. Form is located on the MPCA website at http://www.pca.state.mn.us/ppl under the Applications and forms tab.

2) Provide a scaled map showing locations of existing Subsurface Sewage Treatment System (SSTS) as supporting documentation for questions 120, 125 and 130.

[105] Existing SSTS systems discharges posing threat to public health or safety [subp. 1]

Existing SSTS systems that have the potential to immediately and adversely affect or threaten public health or safety. At a minimum, this includes ground surface or surface water discharges of untreated or partially treated wastewater and sewage backup into a dwelling or other establishment. (Minn. R. 7080.0020, subpart 19a)

105.1	How many total structures with SSTS systems are included in the project?	83
105.2	How many structures with SSTS systems are posing a threat to public safety?	0

(45) x (total number of failures calculated in 105.2) / (total number of waste discharging structures105.1) = 0

[110] Existing SSTS systems with failure to protect ground water [subp. 2]

110.1	How many structures with SSTS systems or other systems (not counted in question 105.2 above) in the proposed project area that have one or more sewage tanks which obviously leak below the designated operating level or have less than the required vertical separation (Minn. R. 7080.0060, subpart 3, item B)?	22

(15) x (total number of failures to protect ground water in 110.1) / (total number of waste discharging structures 105.1) = 4

[115] Existing SSTS systems with properties that cannot conform to setback requirements [subp. 3]

115.1 Remaining number of structures discharging wastewater in the proposed project area (not counted in 105.2 and 110.1), that because of property size or configuration, *do not* conform to setback requirements as they apply to one or more of the following:

Water supply wells	
Buried water lines	
Buildings	
Property lines	15
Ordinary high water level of public waters	

(5) x (total number of setback failures115.1) / (total number of waste discharging structures 105.1) = **1**

[120] Existing discharge near impaired water or outstanding resource value water (ORVW) [subp. 4]

120.1 Does one or more of the existing SSTS discharge within 500 feet of an impaired water or ORVW? ☒ Yes ☐ No

If Yes, enter 5 points **5**

[125] Failed SSTS near impaired water or ORVW [subp. 5]

125.1 How many failed SSTS, that meet the definition of failure under numbers 105.2 or 110.1 above, have wastewater discharge areas within 500 feet of an impaired water or ORVW? 5

(5) x (number of failed SSTS within 500 ft. of an impaired water or ORVW in 125.1) / (total number of waste discharging structures) = **1**

[130] Existing impact density of SSTS systems [subp.6]

Provide a scale map which contains all existing structures which generate wastewater and the "Impact Zone" identified. The Impact Zone is defined as the smallest possible circle drawn around the area that encompasses 90 percent of the structures discharging wastewater in the proposed project area.

130.1	How many acres is the impact zone (area of drawn circle) of the proposed project service area?	185
130.2	How many structures discharge wastewater within the impact zone of the proposed project?	75
130.3	**Number of structures within the impact zone/area (acres) of impact zone = impact density**	0.41

If density is less than 0.25 enter 0 points	
If density is 0.25-0.5 enter 10 points	10
If density is 0.5-1.0 enter 20 points	
If density is greater than 1.0 enter 30 points	

[135] Proposed land (including sub-surface) discharge [subp. 7]

135.1 Does the proposed project call for consumptive use (nitrogen or volume) spray irrigation or land disposal systems, which are required by permit to denitrify (nitrate limit)? ☒ Yes ☐ No

If Yes, enter 20 points **20**

[140] Proposed project implements corrective measures *(Effluent Limits Coordinator)* [subp. 8]

140.1 Will the project implement corrective measure(s) for problems identified in a study, such as: ☒ Yes ☐ No

- Clean Water Partnership Project
- Impaired Water Study
- EPA-approved Watershed Restoration Action Strategy
- Equivalent (other) study, e.g. County Water Plan

If Yes, enter 5 points **5**

Type of Study: *Attach supporting documentation and identify relevant sections.* ☒ Yes ☐ No

Project name: Afton **Points**

[145] Project helps meet a total maximum daily load (TMDL) for receiving water *(Effluent Limits Coordinator)* [subp. 9]

145.1 Does this project contribute to the achievement of a TMDL by being designed to reduce the discharge of pollutants as required by an Agency approved TMDL implementation plan or does the project require an National Pollutant Discharge Elimination System (NPDES) Permit or a State Disposal System (SDS) Permit that will require the reduced discharge of pollutants based on a TMDL? ☒ Yes ☐ No

If Yes, enter 20 points **20**

[150] Proposed project points reduction for new/expanded discharges into specified water *(Effluent Limits Coord.)* [subp. 10]

150.1 Does the proposed project involve a new discharge to one or more of the following waters: ☐ Yes ☒ No

a) Outstanding Resource Value Waters (Minn. R. 7050.0180)

b) Impaired waters (Section 303(d)) of the Clean Water Act

c) Classification 2A, lake, or wetland that exceeds 200,000 gallons per day

If Yes, enter minus 5 points **0**

[155] Project includes wastewater reuse

155.1 Does the project include the beneficial use of treated wastewater effluent that will reduce or replace the use of a groundwater, surface water, or potable water source? ☐ Yes ☒ No

155.2 Do the project components needed to beneficially use treated wastewater effluent account for at least 20% of the total eligible project cost? ☒ Yes ☐ No

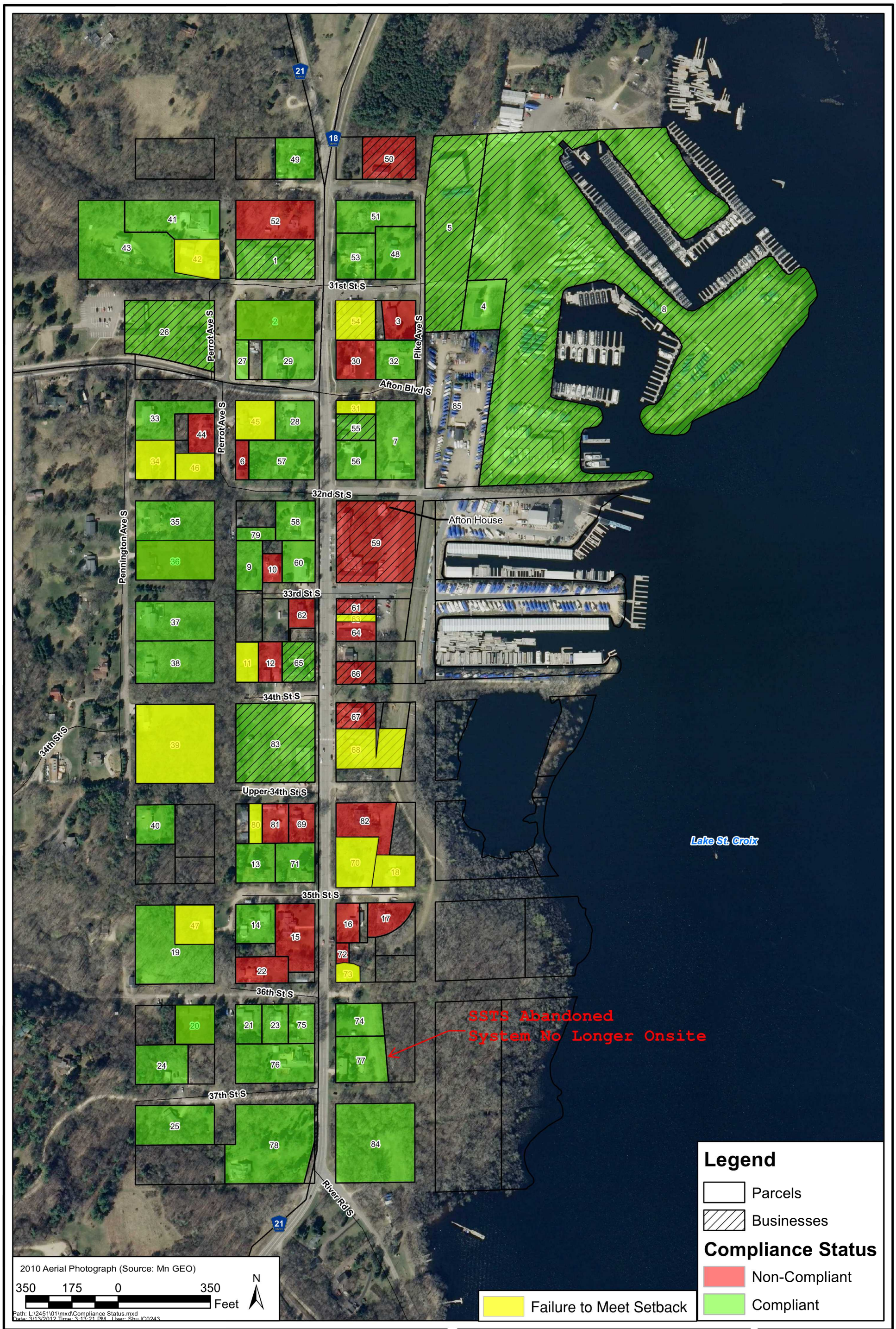
155.3 Does the project receive points under item 35 (Minn. R. 7077.0117, subp. 4) for land discharge? ☐ Yes ☒ No

If Yes to both 155.1 and 155.2, enter 30 points **0**

Total **66**

Site Location (address, plat number, unique numbering system, or owner name	Existing System Condition (1=ITPHS, 2=Failure to protect groundwater, 3=Setback issues, 4=Conforming)	Documentation of need and method of determination for locations	Is one or more of the non-conforming SSTS discharging within 500 feet of an impaired water or ORVW?	Residential or Non-residential
1	4	1,2,4,5	No	Non-residential
2	4	1,2,4,5	No	Residential
3	2	1,2,4,5	No	Residential
4	4	1,2,4,5	Not Applicable	Residential
5	4	1,2,4,5	Not Applicable	Non-residential
6	2	1,2,4,5	No	Residential
7	4	1,2,4,5	Not Applicable	Residential
8	4	1,2,4,5	Not Applicable	Non-residential
9	4	1,2,4,5	No	Residential
10	2	1,2,4,5	No	Residential
11	3	1,2,4,5	No	Residential
12	2	1,2,4,5	No	Residential
13	4	1,2,4,5	No	Residential
14	4	1,2,4,5	No	Residential
15	2	1,2,4,5	No	Residential
16	2	1,2,4,5	No	Residential
17	2	1,2,4,5	No	Residential
18	3	1,2,4,5	No	Residential
19	4	1,2,4,5	No	Residential
20	4	1,2,4,5	No	Residential
21	4	1,2,4,5	No	Residential
22	2	1,2,4,5	No	Residential
23	4	1,2,4,5	No	Residential
24	4	1,2,4,5	No	Residential
25	4	1,2,4,5	No	Residential
26	4	1,2,4,5	No	Non-residential
27	4	1,2,4,5	No	Residential
28	4	1,2,4,5	No	Residential
29	4	1,2,4,5	No	Residential
30	2	1,2,4,5	No	Residential
31	3	1,2,4,5	No	Residential
32	4	1,2,4,5	No	Residential
33	4	1,2,4,5	No	Residential
34	3	1,2,4,5	No	Residential
35	4	1,2,4,5	No	Residential
36	4	1,2,4,5	No	Residential
37	4	1,2,4,5	No	Residential
38	4	1,2,4,5	No	Residential
39	3	1,2,4,5	No	Residential
40	4	1,2,4,5	No	Residential
41	4	1,2,4,5	No	Residential
42	3	1,2,4,5	No	Residential
43	4	1,2,4,5	No	Residential
44	2	1,2,4,5	No	Residential
45	3	1,2,4,5	No	Residential
46	3	1,2,4,5	No	Residential
47	3	1,2,4,5	No	Residential
48	4	1,2,4,5	No	Residential
49	4	1,2,4,5	No	Non-residential
50	2	1,2,4,5	No	Non-residential
51	4	1,2,4,5	No	Residential
52	2	1,2,4,5	No	Residential
53	4	1,2,4,5	No	Residential
54	3	1,2,4,5	No	Non-residential
55	4	1,2,4,5	No	Non-residential
56	4	1,2,4,5	Not Applicable	Residential
57	4	1,2,4,5	No	Non-residential
58	4	1,2,4,5	No	Residential
59	2	1,2,4,5	Yes	Non-residential
60	4	1,2,4,5	No	Non-residential
61	2	1,2,4,5	Yes	Non-residential
62	2	1,2,4,5	No	Residential
63	3	1,2,4,5	Not Applicable	Non-residential

Site Location (address, plat number, unique numbering system, or owner name	Existing System Condition (1=ITPHS, 2=Failure to protect groundwater, 3=Setback issues, 4=Conforming)	Documentation of need and method of determination for locations	Is one or more of the non-conforming SSTS discharging within 500 feet of an impaired water or ORVW?	Residential or Non-residential
64	2	1,2,4,5	Yes	Non-residential
65	4	1,2,4,5	No	Non-residential
66	2	1,2,4,5	Yes	Non-residential
67	2	1,2,4,5	Yes	Non-residential
68	3	1,2,4,5	Not Applicable	Non-residential
69	2	1,2,4,5	No	Residential
70	3	1,2,4,5	No	Residential
71	4	1,2,4,5	No	Residential
72	2	1,2,4,5	No	Residential
73	3	1,2,4,5	No	Residential
74	4	1,2,4,5	No	Residential
75	4	1,2,4,5	No	Residential
76	4	1,2,4,5	No	Residential
77	0 (No System)	1,2,4,5	No	No System
78	4	1,2,4,5	No	Residential
79	4	1,2,4,5	No	Residential
80	3	1,2,4,5	No	Residential
81	2	1,2,4,5	No	Residential
82	2	1,2,4,5	No	Residential
83	4	1,2,4,5	No	Non-residential
84	4	1,2,4,5	Not Applicable	Residential
System Condition Tally:	Conforming = 46	**Total Yes:**	5	
ITPHS = 0	Failure to Protect GW = 22	Setback Issues = 15	**Total:**	64 Res, 19 Nonres



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Compliance Status

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