



July 5, 2019

Cal R. Ludeman, Secretary of the Senate
231 State Capitol
75 Rev. Dr. Martin Luther King Jr. Blvd.
St. Paul, MN 55155-1606

Patrick D. Murphy, Chief Clerk of the House of Representatives
211 State Capitol
75 Rev. Dr. Martin Luther King Jr. Blvd.
St. Paul, MN 55155-1606

Dear Secretary Ludeman and Chief Clerk Murphy:

Enclosed is the Department of Natural Resources (DNR) current dam safety program project priority needs list. The DNR submits this list in accordance with Minnesota Statutes, section 103G.511, subdivision 12, which requires the DNR to prioritize and report dam project needs to the legislature by June 1 of each odd-numbered year.

Sincerely,



Sarah Strommen
Commissioner

cc: Legislative Reference Library - Acquisitions (2 copies)
Steve Colvin, DNR Ecological and Water Resources Division Director
Kent Lokkesmoe, DNR Director of Capital Investment
Jason Boyle, DNR Dam Safety Engineer
Bob Meier, Assistant Commissioner

Minnesota Department of Natural Resources • Commissioners Office

500 Lafayette Road, Saint Paul, MN 55155

Equal Opportunity Employer

Dam Safety Program - Project Priority Needs List

Prepared as directed by Minnesota Statutes Section 103G.511, Subdivision 12

(Dollars in Thousands)

DNR Ecological and Water Resources

Updated May 30, 2019

Priority Ranking	Name	Owner	County	DNR Region	Hazard Class	Project Type	Est Cost (K)	State's Cost (K)	Cumulative State Cost (K)	Primary Needs	Comments
Complete	Bylesby	County	Dakota/Goodhue	3	1-High	Repair	\$7,600	\$3,800		safety	Completed in 2015 modify
Complete	Pike River	DNR	St. Louis	2	2-Med.	Repair eng.	\$30	\$30		safety/maintain lake levels	Completed in 2016 design
Complete	Coon Rapids	County	Hennepin	3	2-Med.	Repair/modify	\$16,000	\$16,000		safety	Completed in 2016
Complete	Champlin Mill Pond	City	Hennepin	3	2-Med.	Repair/modify	\$3,800	\$250		safety	Completed in 2016, matching grant
Complete	Champlin Mill Pond	City	Hennepin	3	2-Med.	Repair/modify	\$3,800	\$2,750		safety	Completed in 2016, non-matching 2014 grant
Complete	Balsam Lake	DNR	Itasca	2	3-Low	Repair	\$300	\$300		safety/maintain lake levels	Completed in 2017
Complete	St. Cloud	City	Stearns	3	1-High	Repair	\$3,612	\$700		safety	Completed in 2017, Obermeyer gates
Complete	Pelican Rapids	City	Otter Tail	1	1-High	Repair eng.	\$45	\$22		safety	Completed in 2017, design
Complete	Little Stone Lake	County	St. Louis	2	2-Med.	Repair	\$200	\$100		safety	Completed in 2017, culverts, 2017 bonding
Complete	Shady Lake	County	Olmsted	3	2-Med.	Remove	\$1,350	\$1,350		safety	Completed in 2018, 2010 s.s. and 2012
Complete	Bylesby	County	Dakota/Goodhue	3	1-High	Repair	\$2,700	\$1,350		safety	Completed in 2018, CIP, 2014 bonding
Complete	Bylesby	County	Dakota/Goodhue	3	1-High	Repair	\$400	\$172		safety	Completed in 2018, Bridge 2017 bonding
Complete	Collinwood	DNR	Meeker	4	3-Low	Repair	\$318	\$318		safety/maintain lake levels	Completed in 2018, Emergency
funded FY14	Rapidan	County	Blue Earth	4	2-Med.	Repair	\$2,400	\$2,400		safety	Non-matching 2014 bonding
funded	Blue Mounds (Lower)	DNR	Rock	4	3-Low	Replace	\$2,000	\$2,000		maintain lake levels/historic	Failed, disaster bonding (not dam safety \$)
funded FY17	Pelican Rapids	City	Otter Tail	1	1-High	Repair eng.	\$1,000	\$500		safety	Rock masonry wall failed, spillway deteriorating
funded FY12	Lake Bronson	DNR	Kittson	1	1-High	Rehab. eng.	\$400	\$400		safety/maintain lake levels	Final design work
funded FY17	Lake Bronson	DNR	Kittson	1	1-High	Repair	TBD	TBD		safety/maintain lake levels	Final design work
funded FY17	Lanesboro	City	Fillmore	3	1-High	Repair/rehab	\$4,000	\$4,000		safety/historical preservation	Major rehab; no local match, some hydro
funded FY17	Willow River	DNR	Pine	2	2-Med.	Modify	TBD	TBD		safety	Failed in 2016 during flood; rock arch rapids
funded FY17	Brawner	DNR	Lyon	4	3-Low	Repair/remove	TBD	TBD		safety	Camden SP; pipe failure in 2015
funded FY17	Sullivan Lake	DNR	Morrison	3	3-Low	Replace	TBD	TBD		maintain lake levels	Abutment- Local support, earth work
funded FY17	West Leaf Lake	DNR	Otter Tail	1	3-Low	Repair	TBD	TBD		maintain lake levels	Abutments- Local support, difficult access
funded FY17	Grindstone River (Hinckley)	DNR	Pine	2	2-Med.	Replace/remove	TBD	TBD		safety	Right abutment; possible removal
funded FY17	Emergencies	TBD	TBD	TBD	TBD	TBD	TBD	TBD		safety	To Be Determined should an emergency arise
funded FY17	Norway Lake	City	Cass	1	1-High	Rehab. eng.	\$400	\$200		safety	New DOT bridge being designed for 2020
funded FY17	Canby R-6	County	Yellow Medicine	4	1-High	Repair	\$400	\$200		safety	Leaning intake riser

The remaining projects are grouped by DNR Region and are not prioritized.

	Hattie Lake	DNR	Cass	1	3-Low	Repair	\$25	\$25	\$35,625	maintain lake levels	Don-put in steel, dam ok
	Milona Lake	DNR	Douglas	1	3-Low	Repair	\$150	\$150	\$35,775	maintain lake levels	Concrete deterioration, leaning left abutment
	Upper Hunt Lake	DNR	Douglas	1	3-Low	Repair	\$100	\$100	\$35,875	maintain lake levels	
	Portage Lake	DNR	Hubbard	1	3-Low	Repair	\$200	\$200	\$36,075	maintain lake levels	
	Stephen	City	Marshall	1	3-Low	Modify	\$200	\$100	\$36,175	safety/restore fish passage	
	Blanche	DNR	Otter Tail	1	3-Low	Repair	\$100	\$100	\$36,275	maintain lake levels	Don-put in steel, concrete pier deterioration
	Fergus Falls	City	Otter Tail	1	N/A	Remove remnan	\$100	\$100	\$36,375	safety	
	Long (Dalton)	DNR	Otter Tail	1	3-Low	Repair	\$50	\$50	\$36,425	maintain lake levels	Don-put in steel, concrete deterioration
	Long (Elizabeth)	DNR	Otter Tail	1	3-Low	Repair	\$50	\$50	\$36,475	maintain lake levels	Don-put in steel, concrete deterioration
	Prairie Lake	DNR	Otter Tail	1	3-Low	Repair	\$100	\$100	\$36,575	maintain lake levels	Don-snowmobile trail; letter of support
	Rose Lake	DNR	Otter Tail	1	3-Low	Repair	\$100	\$100	\$36,675	maintain lake levels	
	Crissy Lake	DNR	Stevens	1	2-Med.	Modify	\$300	\$300	\$36,975	safety/restore fish passage	
	Hill Lake	DNR	Aitkin	2	3-Low	Repair	\$50	\$50	\$37,025	maintain lake levels	Don-put in steel
	Greer Lake	DNR	Crow Wing	2	3-Low	Repair	\$100	\$100	\$37,125	maintain lake levels	
	O'Brien Lake	DNR	Crow Wing	2	3-Low	Repair	\$100	\$100	\$37,225	maintain lake levels	Steel recently installed
	Round Lake	DNR	Crow Wing	2	3-Low	Repair	\$25	\$25	\$37,250	maintain lake levels	Don-put in steel, concrete deterioration
	Buck Lake	DNR	Itasca	2	3-Low	Modify	\$100	\$100	\$37,350	safety/aesthetics	
	Splithand Lake	DNR	Itasca	2	3-Low	Remove	\$100	\$100	\$37,450	safety/aesthetics	
	Floodwood	DNR	St. Louis	2	3-Low	Repair	\$100	\$100	\$37,550	safety/maintain lake levels	Don-dam ok?
	Pequaywan	DNR	St. Louis	2	3-Low	Repair	\$50	\$50	\$37,600	safety/maintain lake levels	Don-fix eroded hole on apron
	Sturgeon Lake	DNR	St. Louis	2	3-Low	Repair	\$100	\$100	\$37,700	maintain lake levels	Don-?
	Onamia	DNR	Mille Lacs	3	3-Low	Modify	\$50	\$50	\$37,750	maintain lake levels	Wildlife concern with safe bog removal
	Sauk Centre	City	Stearns	3	2-Med.	Modify	\$500	\$250	\$38,000	safety	
	Fairhaven	County	Wright/Stearns	3	3-Low	Modify	\$600	\$300	\$38,300	safety	
	Springfield	not known	Brown	4	3-Low	Remove/modify	\$300	\$150	\$38,450	safety/restore fish passage	
	Talcot Lake	DNR	Cottonwood	4	3-Low	Repair	\$150	\$150	\$38,600	safety/maintain lake levels	
	Mantorville	City	Dodge	4	3-Low	Repair/Modify	\$300	\$150	\$38,750	safety/maintain lake levels	
	Calhoun	DNR	Kandiyohi	4	3-Low	Repair	\$300	\$300	\$39,050	safety/maintain lake levels	Ethan-important lake, spalling
	Louise Lake	DNR	Mower	4	3-Low	Repair	\$300	\$300	\$39,350	safety/restore fish passage	
	Ocheda	DNR	Nobles	4	3-Low	Repair	\$25	\$25	\$39,375	maintain lake levels	Don-put in steel, tampering
	Elysian Lake	DNR	Waseca	4	3-Low	Repair	\$150	\$150	\$39,525	maintain lake levels	
	Watowan River Diversion	County	Watowan	4	3-Low	Repair	\$100	\$100	\$39,625	maintain lake levels	Added in 2013
	Granite Falls	City	Yellow Medicine	4	1-High	Modify	\$600	\$300	\$39,925	safety	Mixed interest in whitewater park

Notes:

- 1) Priorities are subject to change based on results of dam safety inspections, readiness of local project sponsors, opportunities for piggybacking projects, etc.
- 2) All cost estimates are preliminary; actual costs will depend on final project design and construction bids received.
- 3) MS Section 103G.511 authorizes matching grants to local governments and requires legislative approval of projects or grants of \$250,000 or more.
- 4) MS Section 103G.515 authorizes the state to pay the full cost of dam removals under certain conditions.
- 5) "Remove/modify" means a final decision has not been made on whether the dam will be removed or modified.

*The removal of private dams may be eligible for state assistance. Repairs and modifications of private dams are not eligible.

For more information contact: Steve Colvin at (651) 259-5709, Kent Lokkesmoe at (651) 259-5701, or Jason Boyle at (651) 259-5715.