

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, 2015

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	Rush Creek	DNR	Chisago	3	N/A	Remove/restore	\$200	\$200		restore fish passage	Completed in 2011 removal
Complete	New London	DNR	Kandiyohi	4	1-High	Rehabilitate	\$2,950	\$2,950		safety/maintain lake levels	Completed in 2011 reconstruction
Complete	Jackson	City	Jackson	4	2-Med.	Remove/modify	\$1,000	\$150		safety/restore fish passage	Completed in 2011 remove/modify
Complete	Luverne	City	Rock	4	3-Low	Remove/modify	\$150	\$75		safety/restore fish passage	Completed in 2011 removal
Complete	Madison Lake	?	Blue Earth	4	3-Low	Replace	\$100	\$50		maintain lake levels	Completed in 2011 modify
Complete	Coon Lake	DNR	Anoka	3	3-Low	Repair	\$25	\$25		maintain lake levels	Completed in 2012 repair
Complete	Windom	City	Cottonwood	4	N/A	Remove/restore	\$300	\$150		safety/restore fish passage	Completed in 2012 remove
Complete	Christine	City	Wilkin	1	3-Low	Modify	\$400	\$25		safety/restore fish passage	Completed in 2012 modify
Complete	Hickson	City	Clay	1	3-Low	Modify	\$400	\$25		safety/restore fish passage	Completed in 2012 modify
Complete	Montevideo	City	Chippewa	4	2-Med.	Remove	\$300	\$150		safety/restore fish passage	Completed in 2012 remove
Complete	Cross Lake	DNR	Pine	2	3-Low	Modify	\$225	\$225		safety/restore fish passage	Completed in 2013 modify
Complete	Milaca	City	Mille Lacs	3	3-Low	Remove	\$300	\$150		safety/restore fish passage	Completed in 2013 remove
Complete	Pelican Lake	DNR	Otter Tail	1	3-Low	Repair	\$50	\$50		maintain lake levels	Completed in 2013 repair
Complete	Sand Hill Lake	DNR	Polk	1	3-Low	Repair	\$10	\$10		fish passage/maintain lake	Completed in 2015 repair
Complete	Deer Creek at Effie	DNR	Itasca	2	3-Low	Replace	\$100	\$50		safety/fish passage	Completed in 2015 modify
funded	Albert Lea Lake	County	Freeborn	4	3-Low	Replace	\$2,000	\$500		maintain lake levels	Additional funds requested
funded	Lanesboro	City	Fillmore	3	1-High	Repair/rehab	\$900	\$450		safety/historical preservation	Issue - City funding
funded	Champlin Mill Pond	City	Hennepin	3	2-Med.	Repair/modify	\$3,800	\$250		safety	Matching grant
funded	Champlin Mill Pond	City	Hennepin	3	2-Med.	Repair/modify	\$3,800	\$2,750		safety	Non-matching grant
funded	Shady Lake	County	Olmsted	3	2-Med.	Remove	\$1,000	\$1,000		safety	2010 special session bonding, design phase
funded	Coon Rapids	County	Hennepin	3	2-Med.	Repair/modify	\$16,000	\$16,000		safety	Invasive carp barrier
funded	Byllesby	County	Dakota/Goodhue	3	1-High	Repair	\$7,600	\$3,800		safety	PMF increase in capacity via FERC
funded	Byllesby	County	Dakota/Goodhue	3	1-High	Repair	\$2,700	\$1,350		safety	Capital improvement plan
funded	Rapidan	County	Blue Earth	4	2-Med.	Repair	\$2,400	\$2,400		safety	Gate replacement, retaining wall, windows
funded	Bald Eagle Lake	?	Washington	2	3-Low	Replace	\$600	\$160		safety/maintain lake levels	Ownership unclear, road/dam
funded	Blue Mounds (Lower)	DNR	Rock	4	3-Low	Replace	\$2,000	\$2,000		maintain lake levels/historic	Failed, disaster bonding
budgeted	Balsam Lake	DNR	Itasca	2	3-Low	Repair	\$250	\$250		safety/maintain lake levels	Local support; concrete deterioration
budgeted	Perkins Lake	DNR	Stevens	1	3-Low	Repair	\$200	\$200		safety/maintain lake levels	Don-put in steel and redo; remove crossing
budgeted	Height of Land Lake	DNR	Becker	1	3-Low	Modify	\$25	\$25		maintain lake levels	Don-Bog - cut low piers and repairs
budgeted	Lizzie Lake	DNR	Otter Tail	1	3-Low	Modify	\$25	\$25		maintain lake levels	Don-Bog - cut low/all piers and add fill
budgeted	Hallock	City	Kittson	1	3-Low	Remove/modify	\$300	\$150		safety/restore fish passage	Water supply for golf course, safety
budgeted	Lake Bronson	DNR	Kittson	1	1-High	Rehab. eng.	\$800	\$800		safety/maintain lake levels	Final design work; \$9M reconstruction est.
budgeted	Pike River	DNR	St. Louis	2	2-Med.	Modify eng.	\$225	\$225		safety/maintain lake levels	Poor condition
budgeted	Lanesboro	City	Fillmore	3	1-High	Repair/rehab	\$1,900	\$300		safety/historical preservation	Additional funds requested
1	Lake Bronson	DNR	Kittson	1	1-High	Rehab. eng.	\$9,000	td	\$0	safety/maintain lake levels	Need to complete design first
2	St. Cloud	City	Stearns	3	1-High	Repair	\$3,100	\$1,550	\$1,550	safety	Replace trip gates with Obermeyer gates
3	Pelican Rapids	City	Otter Tail	1	1-High	Repair	\$400	\$200	\$1,750	safety	Rock masonry wall leaning
4	Norway Lake	City	Cass	1	1-High	Replace	\$3,500	\$1,750	\$3,500	safety	New DOT bridge being designed for 2016/2017
5	Canby R-6	County	Yellow Medicine	4	1-High	Repair	\$250	\$125	\$3,625	safety	Leaning intake riser
6	Drayton	Drayton, ND	Kittson	1	2-Med.	Remove/modify	\$7,500	td	\$3,625	safety/restore fish passage	Possible mitigation for F-M diversion, drownings
7	Little Stone Lake	County	St. Louis	2	2-Med.	Repair	\$100	\$50	\$3,675	safety	Was on 2005 list, ownership now clear
8	Brawner	DNR	Lyon	4	3-Low	Repair/remove	\$400	\$400	\$4,075	safety	Pipe failure in 2015
9	Collinwood	DNR	Meeker	4	3-Low	Repair	\$100	\$100	\$4,175	safety/maintain lake levels	Pipe culverts in bad shape
10	Grindstone River (Hinckley)	DNR	Pine	2	2-Med.	Replace/remove	\$500	\$500	\$4,675	safety	Removal is reason for being this high on the list
11	Sullivan Lake	DNR	Morrison	3	3-Low	Replace	\$100	\$100	\$4,775	maintain lake levels	Abutment- Local support, earth work
12	Sauk River	City	Stearns	3	3-Low	Remove	\$375	\$200	\$4,975	safety	Dan Lais request, St Cloud owns, application
13	Platte River	DNR	Morrison	3	3-Low	Remove	\$200	\$200	\$5,175	safety/fish passage	American Rivers interest in removal
14	Halleque	DNR	Douglas	1	3-Low	Repair	\$100	\$100	\$5,275	safety/maintain lake levels	Scarps and bad concrete
15	State Hospital Pond	State	Nicollet	4	2-Med.	Remove/modify	\$500	\$500	\$5,775	safety	Buildings may get wet, removal?, conduit
16	Sunrise River Pool #1	DNR	Chisago	3	3-Low	Modify	\$50	\$50	\$5,825	safety	Bog problems, possible drowning machine
17	Sunrise River Pool #3	DNR	Chisago	3	3-Low	Modify	\$50	\$50	\$5,875	safety	Bog problems, possible drowning machine
18	Titlow Lake	City	Sibley	4	3-Low	Replace	\$575	\$287	\$6,162	maintain lake levels	Rock dam falling apart

19	Lime Lake	County	Murray	4	3-Low	Repair	\$350	\$175	\$6,337	maintain lake levels	Exposed rebar, undermined concrete
20	Martin Lake	DNR	Anoka	3	3-Low	Repair	\$50	\$50	\$6,387	safety	Fisheries support; fish barrier; TMDL
21	George Lake	DNR	Anoka	3	3-Low	Repair	\$50	\$50	\$6,437	maintain lake levels	Don-should install heavy sheetpile
22	Shields	DNR	Rice	4	3-Low	Repair	\$100	\$100	\$6,537	maintain lake levels	Don-right abutment has failed
23	Thief Lake	DNR	Marshall	1	3-Low	Repair	\$500	\$500	\$7,037	maintain lake levels	Concrete testing completed
24	Eden Lake	DNR	Stearns	3	3-Low	Repair	\$150	\$150	\$7,187	maintain lake levels	Don-put in stoplogs, Lake Assn. interest
25	Dam Lake	DNR	Aitkin	2	3-Low	Repair	\$100	\$100	\$7,287	maintain lake levels	Lonnie-both abutments
26	Ten Mile	DNR	Otter Tail	1	3-Low	Repair	\$100	\$100	\$7,387	maintain lake levels	Don-redo dam and embankment, sill
27	Eagle Lake	DNR	Crow Wing	2	3-Low	Repair	\$25	\$25	\$7,412	maintain lake levels	Don-put in steel, tampering
28	Hanging Kettle Lake	DNR	Aitkin	2	3-Low	Repair	\$100	\$100	\$7,512	maintain lake levels	Don/Lonnie- both abutments falling
29	Long (Tamefish)	DNR	Aitkin	2	3-Low	Repair/Modify	\$50	\$50	\$7,562	maintain lake levels	Sheet pile heave, rocks and debris
30	Borden	DNR	Crow Wing	2	3-Low	Repair	\$50	\$50	\$7,612	maintain lake levels	Leaning left abutment
31	Pelican Lake	DNR	Otter Tail	1	3-Low	Repair	\$50	\$50	\$7,662	maintain lake levels	Leaning left abutment
32	Ripple Lake	DNR	Aitkin	2	3-Low	Repair	\$100	\$100	\$7,762	maintain lake levels	Don-put in steel, left abutment failing
33	Wynne	DNR	St. Louis	2	3-Low	Modify	\$100	\$100	\$7,862	safety	Don-6 bays open, log jam, difficult access
34	Freeborn	County	Freeborn	4	3-Low	Replace	\$300	\$150	\$8,012	safety/maintain lake levels	County getting easement; DU project
35	Knife Lake	LID	Kanabec	3	2-Med.	Modify	\$500	\$250	\$8,262	safety	Drowning machine?, Joe Raiolo, \$ seems high
36	Homer township/Pickwick	Township	Winona	3	2-Med.	Repair/modify	\$300	\$150	\$8,412	safety/maintain lake levels	Order to repair, verify hazard
37	Rum River (Anoka)	City	Anoka	3	3-Low	Modify	\$600	\$300	\$8,712	safety	Ekman-inquiry; flashboard, big gate
38	Otter Tail River (Phelps Mill)	County	Otter Tail	1	3-Low	Repair	\$100	\$50	\$8,762	safety/fish passage	
39	Clearwater River	Counties	Stearns/Wright	3	3-Low	Repair	\$300	\$150	\$8,912	safety	Recent bike trail
40	Big Stone Lake	WD/DNR	Big Stone	4	2-Med.	Modify	\$50	\$50	\$8,962	safety	Corps acceptance needed
41	Woolen Mill (Faribault)	City	Rice	4	2-Med.	Remove/modify	\$400	\$200	\$9,162	safety	Need scope of project
42	Sunrise River (Kost)	County	Chisago	3	3-Low	Modify	\$100	\$50	\$9,212	safety	Fishing hole; need further discussions
43	Pine Lake	DNR	Aitkin	2	3-Low	Repair	\$150	\$150	\$9,362	maintain lake levels	Lonnie-not high priority, but keep on list
44	Northern Light Lake	DNR/USFS	Cook	2	3-Low	Repair	\$50	\$50	\$9,412	maintain lake levels	Need internal discussions
45	Melrose	City	Stearns	3	2-Med.	Repair	\$400	\$200	\$9,612	safety	Likely wall repair once 2014 inspection complete
46	French Lake	County	Rice	4	3-Low	Replace	\$200	\$100	\$9,712	maintain lake levels	Joe McGough-5 years
47	Pioneer Tailings	City	St. Louis	2	3-Low	Repair/remove	\$100	\$50	\$9,762	safety	May want to remove, near golf course
48	Pioneer Tailings Clarification	City	St. Louis	2	3-Low	Repair/remove	\$100	\$50	\$9,812	safety	May want to remove, near golf course
49	Douglas Tailings	State	St. Louis	2	3-Low	Remove	\$50	\$50	\$9,862	safety	Breach dam when done mining
50	Abandoned mining dams	State	Various	2		Repair/remove	\$500	\$500	\$10,362	safety	Contact Jim Sellner, research
51	Clayton Lake	DNR	Pine	2	3-Low	Repair	\$1,800	\$1,800	\$12,162	safety/historic preservation	Completely new spillway
52	Fish Lake	DNR	Kanabec	3	3-Low	Modify	\$250	\$250	\$12,412	safety/restore fish passage	LSOHC?; Fisheries support

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

	Shell Lake	DNR	Becker	1	3-Low	Repair	\$75	\$75	\$12,487	maintain lake levels	Don-put in steel, concrete deterioration
	Hattie Lake	DNR	Cass	1	3-Low	Repair	\$25	\$25	\$12,512	maintain lake levels	Don-put in steel, dam ok
	Milona Lake	DNR	Douglas	1	3-Low	Repair	\$150	\$150	\$12,662	maintain lake levels	Concrete deterioration, leaning left abutment
	Upper Hunt Lake	DNR	Douglas	1	3-Low	Repair	\$100	\$100	\$12,762	maintain lake levels	
	Lightning	DNR	Grant	1	3-Low						Dean Beck-Fisheries
	Portage Lake	DNR	Hubbard	1	3-Low	Repair	\$200	\$200	\$12,962	maintain lake levels	
	Stephen	City	Marshall	1	3-Low	Modify	\$200	\$100	\$13,062	safety/restore fish passage	
	Blanche	DNR	Otter Tail	1	3-Low	Repair	\$100	\$100	\$13,162	maintain lake levels	Don-put in steel, concrete pier deterioration
	Fergus Falls	City	Otter Tail	1	N/A	Remove remnant	\$100	\$100	\$13,262	safety	
	Little Pine Lake	DNR	Otter Tail	1	3-Low	Repair	\$100	\$100	\$13,362	maintain lake levels	Don-put top row in steel
	Long (Dalton)	DNR	Otter Tail	1	3-Low	Repair	\$50	\$50	\$13,412	maintain lake levels	Don-put in steel, concrete deterioration
	Long (Elizabeth)	DNR	Otter Tail	1	3-Low	Repair	\$50	\$50	\$13,462	maintain lake levels	Don-put in steel, concrete deterioration
	Prairie Lake	DNR	Otter Tail	1	3-Low	Repair	\$100	\$100	\$13,562	maintain lake levels	Don-repair right abutment, snowmobile trail
	Rose Lake	DNR	Otter Tail	1	3-Low	Repair	\$100	\$100	\$13,662	maintain lake levels	
	West Leaf Lake	DNR	Otter Tail	1	3-Low	Repair	\$50	\$50	\$13,712		
	Crissy Lake	DNR	Stevens	1	2-Med.	Modify	\$300	\$300	\$14,012	safety/restore fish passage	
	Hill Lake	DNR	Aitkin	2	3-Low	Repair	\$50	\$50	\$14,062	maintain lake levels	Don-put in steel
	Greer Lake	DNR	Crow Wing	2	3-Low	Repair	\$100	\$100	\$14,162	maintain lake levels	
	O'Brien Lake	DNR	Crow Wing	2	3-Low	Repair	\$100	\$100	\$14,262	maintain lake levels	Steel recently installed
	Round Lake	DNR	Crow Wing	2	3-Low	Repair	\$25	\$25	\$14,287	maintain lake levels	Don-put in steel, concrete deterioration
	Upper South Long Lake	DNR	Crow Wing	2	3-Low	Repair	\$25	\$25	\$14,312	maintain lake levels	Don-put in steel, dam ok
	Buck Lake	DNR	Itasca	2	3-Low	Modify	\$100	\$100	\$14,412	safety/aesthetics	

Splithand Lake	DNR	Itasca	2	3-Low	Remove	\$100	\$100	\$14,512	safety/aesthetics	
Willow River	DNR	Pine	2	2-Med.	Modify	\$300	\$300	\$14,812	safety	
Esquagama Lake	DNR	St. Louis	2	3-Low	Repair/modify	\$500	\$500	\$15,312	maintain lake levels	Don-?
Floodwood	DNR	St. Louis	2	3-Low	Repair	\$100	\$100	\$15,412	safety/maintain lake levels	Don-dam ok?
Pequaywan	DNR	St. Louis	2	3-Low	Repair	\$50	\$50	\$15,462	safety/maintain lake levels	Don-fix eroded hole on apron
Sturgeon Lake	DNR	St. Louis	2	3-Low	Repair	\$100	\$100	\$15,562	maintain lake levels	Don-?
Sauk Centre	City	Stearns	3	2-Med.	Modify	\$500	\$250	\$15,812	safety	
Fairhaven	County	Wright/Stearns	3	3-Low	Modify	\$600	\$300	\$16,112	safety	
Springfield	not known	Brown	4	3-Low	Remove/modfy	\$300	\$150	\$16,262	safety/restore fish passage	
Talcot Lake	DNR	Cottonwood	4	3-Low	Repair	\$150	\$150	\$16,412	safety/maintain lake levels	
Warren Lake	DNR	Cottonwood	4	3-Low	Repair	\$250	\$250	\$16,662	safety/maintain lake levels	
Mantorville	City	Dodge	4	3-Low	Repair/Modify	\$300	\$150	\$16,812	safety/maintain lake levels	
Freeborn Lake	DNR	Freeborn	4	3-Low	Repair	\$100	\$100	\$16,912	maintain lake levels	
4th Street (Austin)	private*	Mower	4	3-Low	Remove	\$250	\$250	\$17,162	safety	
Louise Lake	DNR	Mower	4	3-Low	Repair	\$300	\$300	\$17,462	safety/restore fish passage	
Ramsey (Austin)	private*	Mower	4	3-Low	Remove/modify	\$250	\$250	\$17,712	safety	
Ocheda	DNR	Nobles	4	3-Low	Repair	\$25	\$25	\$17,737	maintain lake levels	Don-put in steel, tampering
Cottonwood River at Lamberton	County	Redwood	4	3-Low	Remove/modify	\$300	\$150	\$17,887	safety/restore fish passage	
Sanborn	not known	Redwood	4	3-Low	Remove/modfy	\$300	\$150	\$18,037	safety/restore fish passage	
Clear Lake	County	Sibley	4	3-Low	Replace	\$100	\$50	\$18,087	maintain lake levels	Leaning sheet pile, drawdown capability
Elysian Lake	DNR	Waseca	4	3-Low	Repair	\$150	\$150	\$18,237	maintain lake levels	
Watonwan River Diversion	County	Watonwan	4	3-Low	Repair	\$100	\$100	\$18,337	maintain lake levels	Added in 2013
Granite Falls	City	Yellow Medicine	4	1-High	Modify	\$600	\$300	\$18,637	safety	

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.

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