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**AT A GLANCE****Conserve and manage natural resources**

- Manage 1.3 million acres of wildlife management areas, 192,000 acres of scientific and natural areas, and 4.2 million acres of state forest
- Protect, monitor, enhance, and restore habitat on 4,500 fishing lakes and 16,000 miles of streams and rivers
- Manage 2,800 surface-water monitoring sites

**Get people outdoors**

- Operate 75 state parks and recreation areas, 43 state forest campgrounds and nine state waysides
- Manage 2.4 million license sales and 1.4 million boat or vehicle registrations
- Manage more than 29,400 miles of trails for hiking, biking, snowmobiles, off-highway vehicles, horseback riding, and cross-county skiing
- Manage 1,700 public water accesses, 368 fishing piers, and 35 water trails

**Build the economy**

- Manage fishing, hunting, and wildlife-watching activities supporting 48,000 jobs and \$3.8 billion in economic activity
- Manage 12 million acres of state mineral rights contributing directly to the mining economy, including 3.5 million acres of school trust lands
- Meet certification requirements on 5 million acres of state forest lands, including 2.5 million acres of school trust lands, that provide timber, habitat, clean water, and recreational opportunities

**Serve the public**

- Manage 2,900 facilities statewide
- Direct an annual budget of roughly \$565 million
- Employ more than 4,300 employees, who worked 5.5 million hours, which equates into 2,700 full time equivalents

**PURPOSE**

**The mission of the Department of Natural Resources (DNR) is to work with citizens to** 1) conserve and manage natural resources, 2) provide outdoor recreation opportunities; and 3) provide for commercial uses of natural resources in a way that creates a sustainable quality of life.

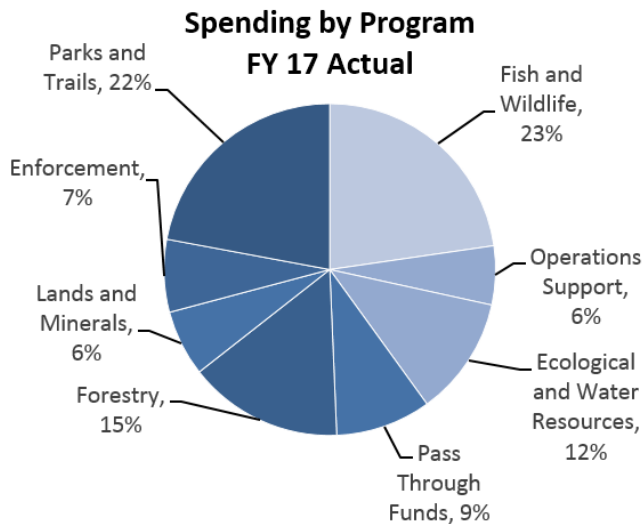
**DNR fulfills this mission by:**

- Conserving the diversity of land, waters, and wildlife so citizens can enjoy the outdoors and benefit from natural resources and related industries.
- Encouraging citizens to get outdoors to enjoy the state's natural wonders.
- Promoting responsible use of resources for collective economic benefit.
- Managing an outdoor recreation system that provides hunting, fishing, wildlife-watching, camping, skiing, hiking, biking, motorized recreation, and conservation education.
- Protecting and promoting healthy waterways and groundwater.
- Managing state forests, mineral rights, and school-trust lands for maximum long-term economic return.

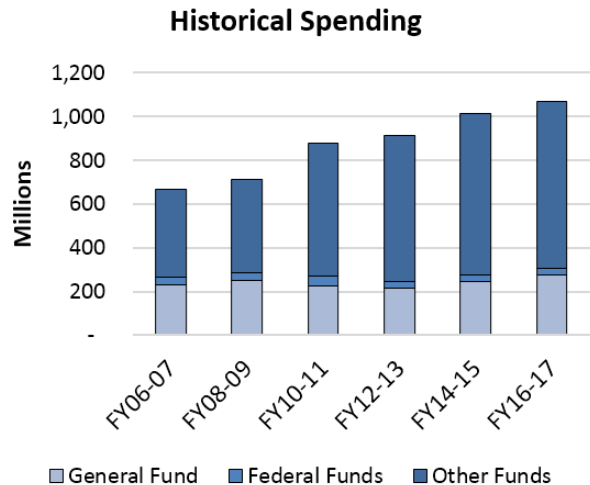
**DNR contributes to the statewide outcomes of:**

- A clean, healthy environment with sustainable uses of natural resources
- A thriving economy that encourages business growth and employment opportunities
- Strong and stable family and communities
- People in Minnesota are safe

## BUDGET



Source: StateWide Integrated Financial Tools System



Source: StateWide Integrated Financial Tools System

The FY 2018-19 biennial budget is approximately \$1.1 billion. The majority of DNR's funding comes from recreational fees and tax revenues. About 26 percent of DNR's funding is one-time, which is dedicated for specific purposes, and 22 percent is pass-through grants. DNR operates out of 50 funds, but approximately 39 percent of its financial activity occurs in the game and fish fund and the natural resources fund. This spending focuses on conserving and managing natural resources so Minnesotans can enjoy the outdoors today and tomorrow. About 26 percent of DNR's funding comes from the general fund. DNR's major general fund expenditures relate to operating the state parks and trails and forest systems and responding to forest fires. Additionally, DNR makes payments on behalf of the state to counties and Native American tribes as required by statute and agreements, which constitutes 31 percent of its general fund budget.

## STRATEGIES

To accomplish its mission, DNR uses the following long-term strategic framework:

1. **Conserve, enhance waters, natural lands, and fish and wildlife habitats.** DNR works closely with partners to conserve critical lakes, wildlife, and waters by:
  - Accelerating groundwater management—monitoring, permitting, education and compliance—to ensure sustainable use and quality.
  - Working with farmers, landowners, local officials, and citizens to promote conservation of prairies, grasslands, and wetlands.
  - Implementing programs to prevent and curb spread of invasive species.
  - Accelerating programs to inventory and monitor the status of natural lands, waters, and species.
2. **Provide outdoor recreational opportunities.** DNR supports a robust tourism economy and a high quality of life that attracts people and business to the state by:
  - Implementing programs such as the "I Can" series and "Learn to Hunt" that provide affordable outdoor learning experiences to beginners.
  - Increasing the use of user friendly, digital recreation information, such as new websites and mobile apps.
  - Creating and implementing a new parks and trails system plan to improve existing systems and attract future users.

3. **Manage natural resources for sustainable economies and communities.** Through recreation tourism, forest products, and mineral and water resources, DNR helps generate billions of dollars a year for the state by:
  - Maintaining diverse, healthy, sustainable and productive forests that meet certification standards.
  - Researching and developing mining technologies that protect the environment.
  - Improving data management systems to provide better access and analysis of groundwater and surface water data for sustainable communities.
  - Leasing mineral rights and real estate and selling land and timber from the school trust lands.
4. **Achieve operational excellence in service to citizens.** DNR strives to continually improve services offered to citizens by:
  - Increasing the use of plain language and presenting information in easy-to-understand formats.
  - Protecting public safety by following Americans with Disabilities Act (ADA) standards at DNR facilities, parks, trails, and other facilities.
  - Maintaining work standards that reinforce positive and professional conduct, promote diversity, and support staff training and development.
  - Working to increase department energy efficiency and renewable energy use that reduces costs and helps the environment.
  - Developing “continuous improvement” projects to improve public service and customer satisfaction.

While pursuing these long-term strategies, DNR recognizes its current operating environment and the broader challenges and opportunities the agency and all Minnesotans face:

- **The agency has a three-part mission that requires careful balance in order to achieve the results elected leaders expect.** Conservation, outdoor recreation, and economic development can often intersect in creative and fruitful ways, and it requires dedicated vision, strategic management, and operational excellence to ensure all of DNR’s programs work together toward the common good. The application of rigorous science, high quality data, and fully engaged stakeholders from across a well-informed public can help DNR achieve that balance and fulfill its mission.
- **Climate change continues to impact Minnesota’s natural resources and DNR’s ability to respond to it.** The state’s climate already is changing rapidly and will continue to do so for the foreseeable future. Temperatures are increasing—especially in winter—and larger, more frequent extreme precipitation events are occurring. These changes are impacting Minnesota’s wildlife, plants, waters, historic resources, infrastructure, and available outdoor recreation activities. For example, milder winters are allowing a population boom in Eastern larch beetles, which in turn has had a strong impact (300,000 acre loss) on tamarack forests.
- **The state’s demographics are also changing, which has implications for natural resource management.** According to the state demographer and U.S. Census Bureau, Minnesota is becoming a more diverse state with rapidly growing Asian, Black, and Hispanic populations. Not all cultures and ethnicities think about or want to use natural resources in the same way. In addition, different generations think about resources differently. For example, baby boomers brought up on hunting are aging out of the sport in greater numbers, and millennials are not replenishing their ranks in equal numbers.
- **The state’s workforce is undergoing a similar change, with additional implications for the agency.** The composition of DNR’s workforce has been changing, and must continue to change, if the agency is to reflect the state and its many perspectives on natural resources. The percentage of women, minorities, and persons with disabilities have all edged up over the past 10 years, with substantial change likely to come. The continued trend of retiring baby boomers has also had an impact (“brain drain”) on the agency’s collective expertise and ability to fulfill its mission in a timely, cost-effective manner.
- **As with many government efforts, demand for services can overwhelm the resources available.** Last year’s bonding issue was a comparative success in meeting the substantial, long-standing need to

repair and restore many buildings and other state assets (e.g., paths and bridges) that Minnesotans use, but the list of aging assets continues to grow.

- **There are promising strategies DNR has been implementing for the past several years, to increase the agency's cost-effectiveness and fulfillment of its mission.** The Strategic Land Asset Management (SLAM) initiative has added a useful analytic framework to the lands the agency acquires, manages, and improves. In FY18, 88 percent of proposed acquisitions met three or more SLAM goals, and 71 percent of parcels offered for sale were sold. DNR's success at improving facility energy use, reducing energy use by 14 percent compared to 2010, demonstrates the agency's ongoing efforts at conserving energy while saving taxpayers money.
- **Invasive species and animal and plant diseases and pests continue to threaten natural resources.** In spite of increased inspection and education efforts, new lakes and rivers are infested by aquatic invasive species each year. Chronic wasting disease has been identified in wild deer in southeastern Minnesota and continues to be detected in captive deer and elk farms in several areas across the state. Invasive pests such as the emerald ash borer present threats to forests and other plant communities. These stressors increasingly demand the attention of DNR programs and resource managers.
- **Water quality and quantity are critical to citizens, the state's economy, and to fish, wildlife, and other natural resources.** Each year, more is known about surface water and groundwater supplies and quality. At the same time, improved assessment and monitoring, modeling, and watershed-based planning processes allow DNR and other agencies to better understand water resources and management approaches to address both supply issues and impairments.

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Department of Natural Resources legal authority comes from Minnesota Statutes:

84 (<https://www.revisor.mn.gov/statutes/?id=84>)

84A-84D (<https://www.revisor.mn.gov/statutes/part/CONSERVATION>)

85-87A (<https://www.revisor.mn.gov/statutes/part/RECREATION>)

88-91 (<https://www.revisor.mn.gov/statutes/part/FORESTRY>)

92-94 (<https://www.revisor.mn.gov/statutes/part/LANDS+AND+MINERALS>)

97-102 (<https://www.revisor.mn.gov/statutes/part/GAME+AND+FISH>)

103A (<https://www.revisor.mn.gov/statutes/?id=103A>)

127A (<https://www.revisor.mn.gov/statutes/?id=127A>)

# Natural Resources

# Agency Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b><u>Expenditures by Fund</u></b>								
1000 - General	97,745	112,049	104,913	123,954	112,673	112,718	124,326	123,511
1300 - Minnesota Resources	0	0						
2000 - Restrict Misc Special Revenue	9,168	8,904	2,796	16,948	9,634	9,730	9,830	10,280
2001 - Other Misc Special Revenue	120,442	114,939	119,113	148,516	138,098	136,628	138,098	136,628
2050 - Environment & Natural Resources	19,570	20,402	22,909	38,532				
2100 - Water Recreation	16,889	18,587	16,165	21,623	18,677	18,682	25,000	25,268
2101 - Snowmobile	12,848	13,113	12,810	17,650	16,105	16,105	16,212	16,313
2102 - All-Terrain Vehicle	6,379	7,448	6,689	8,016	7,386	7,274	8,415	8,400
2103 - Off-Highway Motorcycle	423	510	516	628	565	567	570	577
2104 - Off-Road Vehicle	859	986	983	1,424	1,315	1,317	1,848	1,858
2106 - State Park	12,716	16,186	17,466	21,212	19,316	19,318	19,623	19,910
2107 - State Pks & Trls Lott In Lieu	5,307	5,767	5,274	7,189	6,377	6,377	6,475	6,566
2109 - Local Trls Grants Lott In Lieu	982	753	757	1,253	1,005	1,005	1,005	1,005
2110 - Zoos Lottery In Lieu	320	320	320	320	320	320	320	320
2111 - Nongame	1	0	0					
2112 - Invasive Species	3,235	3,319	3,225	4,021	3,623	3,623	3,774	3,823
2113 - Forest Management Investment	11,657	12,947	13,565	16,996	14,820	14,820	16,107	16,374
2114 - Mineral Management	2,720	3,296	2,953	3,345	3,200	3,200	3,254	3,305
2115 - Mining Administration Account	793	962	1,911	1,838	1,500	674	1,500	674
2116 - Cross Country Ski	339	386	338	371	359	359	430	431
2117 - Natural Resource Misc Statutory	2,547	3,325	4,476	3,823	3,952	3,952	3,959	3,959
2118 - Land Acquisition	227	335	179	185	172	172	164	164
2119 - State Land & Water Conservation	615	1,386	522	564	546	546	550	553
2120 - Water Management Account	4,679	5,139	5,073	5,632	5,394	5,394	5,845	5,932
2200 - Game and Fish (Operations)	90,699	92,143	86,954	101,043	95,453	95,712	91,964	94,215
2201 - Computerized Lic Deer/Bear Mgmt	749	1,509	1,235	1,300	1,110	1,085	1,110	1,085
2202 - Deer Habitat Improvement	1,210	1,197	1,436	1,460	1,400	1,400	8,546	8,546
2203 - Waterfowl Habitat Improvement	500	528	589	645	650	650	650	650
2204 - Trout And Salmon Management	938	1,236	1,063	1,075	1,000	1,000	1,000	1,000
2205 - Pheasant Habitat Improvement	489	494	388	490	450	450	450	450
2206 - Wild Rice Management	40	40	31	40	40	40	40	40
2207 - Wildlife Acquisition Surcharge	1,529	1,272	782	2,599	1,485	1,485	1,485	1,485



## Natural Resources

## Agency Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
2208 - Wild Turkey Management	175	229	156	230	230	230	230	230
2209 - Heritage Enhancement	12,256	13,926	12,997	15,248	13,995	13,995	14,186	14,363
2211 - Walleye Stamp Account	75	88	88	90	90	90	90	90
2212 - Peace Officer Training Account	133	143	96	174	135	135	135	135
2213 - Wolf Management & Monitoring	110	162	296	300	250	250	250	250
2300 - Outdoor Heritage	85,405	85,349	86,102	145,477				
2302 - Clean Water	11,341	10,360	9,391	12,371			11,151	11,151
2303 - Parks and Trails	26,943	25,528	23,637	43,238			30,932	31,187
2400 - Endowment	1							
2401 - Reinvest In Minnesota-Gifts	4,599	2,332	4,821	5,324	5,148	5,148	5,163	5,177
2403 - Gift	1,408	1,433	1,554	2,880	1,678	1,678	1,678	1,678
2801 - Remediation	1,262	559	279	3,641	7,642	7,606	7,643	7,609
3000 - Federal	15,518	18,647	16,672	24,641	31,948	26,850	31,948	26,850
3800 - Permanent School	151	263	152	236	221	221	524	527
6000 - Miscellaneous Agency	7,325	7,153	6,911					
<b>Total</b>	<b>593,317</b>	<b>615,648</b>	<b>598,578</b>	<b>806,542</b>	<b>527,962</b>	<b>520,806</b>	<b>596,480</b>	<b>592,569</b>
Biennial Change				196,155		(356,352)		(216,071)
Biennial % Change				16		(25)		(15)
Governor's Change from Base								140,281
Governor's % Change from Base								13

### Expenditures by Program

Lands & Minerals	17,371	16,040	12,944	27,207	19,063	18,094	19,156	18,269
Ecological and Water Resources	72,380	69,403	67,799	104,142	63,498	61,451	78,251	74,889
Forestry	73,764	83,763	78,944	94,192	79,480	79,216	82,336	83,061
Parks and Trails	112,675	124,732	106,625	161,397	106,276	106,155	145,403	146,473
Fish and Wildlife	106,468	114,312	107,144	155,637	98,810	96,186	103,583	101,803
Enforcement	46,500	44,887	45,183	53,306	50,511	50,846	53,392	55,048
Operations Support	88,756	87,065	92,355	111,804	98,037	96,569	101,585	100,250
Pass Through Funds	75,402	75,447	87,584	98,857	12,287	12,289	12,774	12,776
<b>Total</b>	<b>593,317</b>	<b>615,648</b>	<b>598,578</b>	<b>806,542</b>	<b>527,962</b>	<b>520,806</b>	<b>596,480</b>	<b>592,569</b>

### Expenditures by Category

## Natural Resources

## Agency Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Compensation	227,798	223,269	226,191	267,367	242,326	240,982	266,989	270,286
Operating Expenses	210,960	236,751	224,113	352,898	228,230	224,785	261,564	256,641
Grants, Aids and Subsidies	105,765	107,765	109,591	123,394	28,703	27,034	39,224	37,637
Capital Outlay-Real Property	43,349	38,983	31,576	56,718	23,258	22,560	23,258	22,560
Other Financial Transaction	5,445	8,881	7,107	6,165	5,445	5,445	5,445	5,445
<b>Total</b>	<b>593,317</b>	<b>615,648</b>	<b>598,578</b>	<b>806,542</b>	<b>527,962</b>	<b>520,806</b>	<b>596,480</b>	<b>592,569</b>

Total Agency Expenditures	593,317	615,648	598,578	806,542	527,962	520,806	596,480	592,569
Internal Billing Expenditures	97,982	102,171	102,744	104,997	97,821	97,761	97,821	97,761
<b>Expenditures Less Internal Billing</b>	<b>495,335</b>	<b>513,478</b>	<b>495,834</b>	<b>701,545</b>	<b>430,141</b>	<b>423,045</b>	<b>498,659</b>	<b>494,808</b>

<b><u>Full-Time Equivalents</u></b>	<b>2,782.33</b>	<b>2,663.09</b>	<b>2,630.60</b>	<b>2,630.60</b>	<b>2,361.51</b>	<b>2,314.25</b>	<b>2,600.96</b>	<b>2,598.30</b>
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# Natural Resources

# Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20FY21		Governor's Recommendation FY20FY21	
1000 - General								
Balance Forward In	2,139	9,144	5,064	12,406				
Direct Appropriation	77,166	83,629	86,723	84,693	85,365	85,408	97,738	97,119
Open Appropriation	59,467	58,903	59,542	63,427	64,171	64,487	64,171	64,487
Receipts	35	31	142					
Transfers Out	32,831	34,036	34,136	36,572	36,863	37,177	37,583	38,095
Cancellations	1,010	583	15					
Balance Forward Out	7,226	5,039	12,406					
Expenditures	97,745	112,049	104,913	123,954	112,673	112,718	124,326	123,511
Biennial Change in Expenditures				19,074		(3,476)		18,970
Biennial % Change in Expenditures				9		(2)		8
Governor's Change from Base								22,446
Governor's % Change from Base								10
Full-Time Equivalents	589.35	609.30	599.17	599.17	587.18	575.46	628.97	624.25

## 1300 - Minnesota Resources

Open Appropriation	0	0						
<b>Expenditures</b>	<b>0</b>	<b>0</b>						
Biennial Change in Expenditures				0		0		0
Biennial % Change in Expenditures				(100)				
Governor's Change from Base								0
Governor's % Change from Base								

## 2000 - Restrict Misc Special Revenue

Balance Forward In	2,521	2,912	4,226	13,030	12,200	12,435	12,200	12,435
Receipts	9,790	11,638	11,599	14,451	14,367	14,333	14,367	14,333
Transfers In	2,727	2,421	2,283	12,105	2,461	2,298	2,657	2,848
Transfers Out	3,090	3,855	2,282	10,438	6,959	6,956	6,959	6,956
Balance Forward Out	2,780	4,212	13,029	12,200	12,435	12,380	12,435	12,380
<b>Expenditures</b>	<b>9,168</b>	<b>8,904</b>	<b>2,796</b>	<b>16,948</b>	<b>9,634</b>	<b>9,730</b>	<b>9,830</b>	<b>10,280</b>
Biennial Change in Expenditures				1,672		(380)		366
Biennial % Change in Expenditures				9		(2)		2
Governor's Change from Base								746
Governor's % Change from Base								4

## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Full-Time Equivalents	5.54	4.41	4.79	4.79	4.70	4.60	4.95	4.85

### 2001 - Other Misc Special Revenue

Balance Forward In	36,320	42,512	46,715	52,305	39,374	36,998	39,374	36,998
Receipts	121,409	116,934	121,721	135,765	136,488	136,384	136,488	136,384
Internal Billing Receipts	90,906	92,829	93,272	104,997	97,821	97,761	97,821	97,761
Transfers In	1,751	586	4,872	590	30	30	30	30
Transfers Out	1,224	1,327	1,889	770	796	796	796	796
Balance Forward Out	37,816	43,765	52,306	39,374	36,998	35,988	36,998	35,988
<b>Expenditures</b>	<b>120,442</b>	<b>114,939</b>	<b>119,113</b>	<b>148,516</b>	<b>138,098</b>	<b>136,628</b>	<b>138,098</b>	<b>136,628</b>
Biennial Change in Expenditures				32,248		7,097		7,097
Biennial % Change in Expenditures				14		3		3
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	580.68	461.99	462.15	462.15	441.18	432.32	441.18	432.32

### 2050 - Environment & Natural Resources

Balance Forward In	6,314	14,522	15,095	14,856				
Direct Appropriation	26,711	21,081	22,585	23,608	0	0	0	0
Open Appropriation	64	44	68	68	0	0	0	0
Transfers In			450					
Transfers Out		25	50					
Cancellations	100	480	382					
Balance Forward Out	13,423	14,742	14,856					
<b>Expenditures</b>	<b>19,570</b>	<b>20,402</b>	<b>22,909</b>	<b>38,532</b>				
Biennial Change in Expenditures				21,469		(61,441)		(61,441)
Biennial % Change in Expenditures				54		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	36.10	40.51	49.83	49.83				

### 2100 - Water Recreation

Balance Forward In	953	3,147	1,009	2,961	25	35	25	35
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## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Direct Appropriation	18,109	18,115	18,257	18,403	18,403	18,403	24,726	24,989
Open Appropriation	205	162	214	214	214	214	214	214
Receipts	614	593	65	70	70	70	70	70
Transfers In	10,948	11,123	11,231	11,404	11,441	11,393	13,476	17,097
Transfers Out		65						
Cancellations	10,948	13,492	11,650	11,404	11,441	11,393	13,476	17,097
Balance Forward Out	2,991	995	2,961	25	35	40	35	40
<b>Expenditures</b>	<b>16,889</b>	<b>18,587</b>	<b>16,165</b>	<b>21,623</b>	<b>18,677</b>	<b>18,682</b>	<b>25,000</b>	<b>25,268</b>
Biennial Change in Expenditures				2,313		(429)		12,480
Biennial % Change in Expenditures				7		(1)		33
Governor's Change from Base								12,909
Governor's % Change from Base								35
Full-Time Equivalents	106.87	105.91	97.03	97.03	95.10	93.19	113.50	114.42

### 2101 - Snowmobile

Balance Forward In	588	2,324	272	1,829	284	284	284	284
Direct Appropriation	14,125	14,235	14,246	15,967	15,967	15,967	16,074	16,175
Open Appropriation	102	74	103	103	103	103	103	103
Receipts	165	170	19	35	35	35	35	35
Transfers In	7,273	7,371	7,438	7,560	7,583	7,549	8,939	11,352
Transfers Out		191						
Cancellations	7,273	10,604	7,438	7,560	7,583	7,549	8,939	11,352
Balance Forward Out	2,131	265	1,830	284	284	284	284	284
<b>Expenditures</b>	<b>12,848</b>	<b>13,113</b>	<b>12,810</b>	<b>17,650</b>	<b>16,105</b>	<b>16,105</b>	<b>16,212</b>	<b>16,313</b>
Biennial Change in Expenditures				4,499		1,750		2,065
Biennial % Change in Expenditures				17		6		7
Governor's Change from Base								315
Governor's % Change from Base								1
Full-Time Equivalents	38.04	36.28	37.34	37.34	36.60	35.86	37.70	38.05

### 2102 - All-Terrain Vehicle

Balance Forward In	375	1,060	340	934	136		136	
Direct Appropriation	6,647	7,639	7,178	7,115	7,147	7,171	8,176	8,297

## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Open Appropriation	89	77	103	103	103	103	103	103
Receipts	216	210						
Transfers In	2,038	2,067	2,082	2,124	2,133	2,129	2,499	3,156
Transfers Out		161						
Cancellations	2,038	3,204	2,082	2,124	2,133	2,129	2,499	3,156
Balance Forward Out	951	240	933	136				
<b>Expenditures</b>	<b>6,379</b>	<b>7,448</b>	<b>6,689</b>	<b>8,016</b>	<b>7,386</b>	<b>7,274</b>	<b>8,415</b>	<b>8,400</b>
Biennial Change in Expenditures				877		(45)		2,110
Biennial % Change in Expenditures				6		(0)		14
Governor's Change from Base								2,155
Governor's % Change from Base								15
Full-Time Equivalents	32.75	32.09	30.91	30.91	30.30	29.68	34.07	34.50

### 2103 - Off-Highway Motorcycle

Balance Forward In	71	199	27	65				
Direct Appropriation	521	577	533	542	544	546	549	556
Open Appropriation	18	16	21	21	21	21	21	21
Receipts	9	9						
Transfers In	335	341	343	348	349	348	411	523
Transfers Out		36						
Cancellations	335	568	343	348	349	348	411	523
Balance Forward Out	197	27	65					
<b>Expenditures</b>	<b>423</b>	<b>510</b>	<b>516</b>	<b>628</b>	<b>565</b>	<b>567</b>	<b>570</b>	<b>577</b>
Biennial Change in Expenditures				211		(12)		3
Biennial % Change in Expenditures				23		(1)		0
Governor's Change from Base								15
Governor's % Change from Base								1
Full-Time Equivalents	2.15	2.32	2.40	2.40	2.35	2.30	2.40	2.41

### 2104 - Off-Road Vehicle

Balance Forward In	111	324	27	111				
Direct Appropriation	1,260	1,320	1,270	1,292	1,294	1,296	1,827	1,837
Open Appropriation	18	16	21	21	21	21	21	21

# Natural Resources

# Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Receipts	4	5						
Transfers In	1,216	1,173	1,214	1,203	1,208	1,202	1,430	1,826
Transfers Out		23						
Cancellations	1,527	1,803	1,439	1,203	1,208	1,202	1,430	1,826
Balance Forward Out	225	27	111					
<b>Expenditures</b>	<b>859</b>	<b>986</b>	<b>983</b>	<b>1,424</b>	<b>1,315</b>	<b>1,317</b>	<b>1,848</b>	<b>1,858</b>
Biennial Change in Expenditures				562		225		1,299
Biennial % Change in Expenditures				30		9		54
Governor's Change from Base								1,074
Governor's % Change from Base								41
Full-Time Equivalents	3.11	3.48	3.84	3.84	3.76	3.69	5.54	5.56

## 2106 - State Park

Balance Forward In	1,121	2,383	2,022	4,187	3,084	3,944	3,084	3,944
Direct Appropriation	12,282	14,521	17,860	18,260	18,327	18,329	18,634	18,921
Open Appropriation	96	128	139	139	139	139	139	139
Receipts	1,421	1,577	1,632	1,710	1,710	1,710	1,710	1,710
Transfers In	19	18	33	48	64	64	64	64
Transfers Out		1						
Cancellations	19	642	33	48	64	64	64	64
Balance Forward Out	2,204	1,798	4,187	3,084	3,944	4,804	3,944	4,804
<b>Expenditures</b>	<b>12,716</b>	<b>16,186</b>	<b>17,466</b>	<b>21,212</b>	<b>19,316</b>	<b>19,318</b>	<b>19,623</b>	<b>19,910</b>
Biennial Change in Expenditures				9,776		(44)		855
Biennial % Change in Expenditures				34		(0)		2
Governor's Change from Base								899
Governor's % Change from Base								2
Full-Time Equivalents	109.45	111.48	138.40	138.40	135.63	132.92	138.79	139.16

## 2107 - State Pks & Trls Lott In Lieu

Balance Forward In	0	580		828				
Direct Appropriation	5,811	5,811	6,043	6,301	6,317	6,317	6,415	6,506
Open Appropriation	64	47	60	60	60	60	60	60
Cancellations		671						

## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Balance Forward Out	568		828					
<b>Expenditures</b>	<b>5,307</b>	<b>5,767</b>	<b>5,274</b>	<b>7,189</b>	<b>6,377</b>	<b>6,377</b>	<b>6,475</b>	<b>6,566</b>
Biennial Change in Expenditures				1,390		291		578
Biennial % Change in Expenditures				13		2		5
Governor's Change from Base								287
Governor's % Change from Base								2
Full-Time Equivalents	45.28	40.06	37.58	37.58	36.83	36.09	37.84	38.08

### 2109 - Local Trls Grants Lott In Lieu

Balance Forward In		173		248				
Direct Appropriation	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005
Cancellations		425						
Balance Forward Out	23		248					
<b>Expenditures</b>	<b>982</b>	<b>753</b>	<b>757</b>	<b>1,253</b>	<b>1,005</b>	<b>1,005</b>	<b>1,005</b>	<b>1,005</b>
Biennial Change in Expenditures				275		0		0
Biennial % Change in Expenditures				16		0		0
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents		0.06	0.01	0.01	0.01	0.01	0.01	0.01

### 2110 - Zoos Lottery In Lieu

Direct Appropriation	320	320	320	320	320	320	320	320
<b>Expenditures</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>
Biennial Change in Expenditures				0		0		0
Biennial % Change in Expenditures				0		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2111 - Nongame

Balance Forward In		950						
Direct Appropriation	950	950	950	953	956	956	971	985
Open Appropriation	1	0	0					
Transfers Out		1,900	950	953	956	956	971	985



## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Balance Forward Out	950							
<b>Expenditures</b>	<b>1</b>	<b>0</b>	<b>0</b>					
Biennial Change in Expenditures				(1)		0		0
Biennial % Change in Expenditures				(91)				
Governor's Change from Base								0
Governor's % Change from Base								

### 2112 - Invasive Species

Balance Forward In	0	438		398				
Direct Appropriation	3,602	3,602	3,602	3,602	3,602	3,602	3,753	3,802
Open Appropriation	23	17	21	21	21	21	21	21
Transfers In	1,076	1,099	1,122	1,099	1,099	1,099	1,099	1,099
Cancellations	1,076	1,837	1,122	1,099	1,099	1,099	1,099	1,099
Balance Forward Out	389		398					
<b>Expenditures</b>	<b>3,235</b>	<b>3,319</b>	<b>3,225</b>	<b>4,021</b>	<b>3,623</b>	<b>3,623</b>	<b>3,774</b>	<b>3,823</b>
Biennial Change in Expenditures				692		0		351
Biennial % Change in Expenditures				11		0		5
Governor's Change from Base								351
Governor's % Change from Base								5
Full-Time Equivalents	31.08	30.64	27.10	27.10	26.56	26.03	27.09	27.08

### 2113 - Forest Management Investment

Balance Forward In		697		1,480				
Direct Appropriation	12,225	13,488	14,900	15,372	14,676	14,676	15,963	16,230
Open Appropriation	129	77	144	144	144	144	144	144
Transfers In	9,693	10,410	10,037	11,818	11,586	11,611	11,586	11,611
Cancellations	9,693	11,725	10,037	11,818	11,586	11,611	11,586	11,611
Balance Forward Out	697		1,480					
<b>Expenditures</b>	<b>11,657</b>	<b>12,947</b>	<b>13,565</b>	<b>16,996</b>	<b>14,820</b>	<b>14,820</b>	<b>16,107</b>	<b>16,374</b>
Biennial Change in Expenditures				5,957		(921)		1,920
Biennial % Change in Expenditures				24		(3)		6
Governor's Change from Base								2,841
Governor's % Change from Base								10

## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Full-Time Equivalents	129.01	123.31	122.26	122.26	119.81	117.42	131.77	132.26

### 2114 - Mineral Management

Balance Forward In		260		155				
Direct Appropriation	2,955	3,015	3,086	3,168	3,178	3,178	3,232	3,283
Open Appropriation	5,292	2,218	455	1,418	1,113	128	1,113	128
Transfers In	395							
Transfers Out	5,662	2,197	432	1,396	1,091	106	1,091	106
Balance Forward Out	260		155					
<b>Expenditures</b>	<b>2,720</b>	<b>3,296</b>	<b>2,953</b>	<b>3,345</b>	<b>3,200</b>	<b>3,200</b>	<b>3,254</b>	<b>3,305</b>
Biennial Change in Expenditures				283		102		261
Biennial % Change in Expenditures				5		2		4
Governor's Change from Base								159
Governor's % Change from Base								2
Full-Time Equivalents	17.49	18.99	19.62	19.62	19.23	18.85	19.79	19.96

### 2115 - Mining Administration Account

Balance Forward In	786	945	1,541	1,785	950	62	950	62
Receipts	952	1,558	2,155	1,003	612	612	612	612
Balance Forward Out	945	1,541	1,785	950	62		62	
<b>Expenditures</b>	<b>793</b>	<b>962</b>	<b>1,911</b>	<b>1,838</b>	<b>1,500</b>	<b>674</b>	<b>1,500</b>	<b>674</b>
Biennial Change in Expenditures				1,994		(1,575)		(1,575)
Biennial % Change in Expenditures				114		(42)		(42)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	7.15	7.15	9.60	9.60	9.41	9.22	9.41	9.22

### 2116 - Cross Country Ski

Balance Forward In	736	742	662	614	602	602	602	637
Direct Appropriation	75	75	78	80	80	80	116	117
Receipts	243	219	213	279	279	279	349	349
Transfers Out		29						
Cancellations		18						

## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Balance Forward Out	715	603	615	602	602	602	637	672
<b>Expenditures</b>	<b>339</b>	<b>386</b>	<b>338</b>	<b>371</b>	<b>359</b>	<b>359</b>	<b>430</b>	<b>431</b>
Biennial Change in Expenditures				(17)		9		152
Biennial % Change in Expenditures				(2)		1		21
Governor's Change from Base								143
Governor's % Change from Base								20
Full-Time Equivalents	0.03	0.77	0.50	0.50	0.49	0.48	0.70	0.70

### 2117 - Natural Resource Misc Statutory

Balance Forward In	2,628	3,013	3,859	5,062	5,523	5,845	5,523	5,840
Receipts	2,840	2,774	5,183	3,854	3,844	3,944	3,846	3,946
Internal Billing Receipts		1,546	2,574					
Transfers In		721	495	430	430	430	430	430
Balance Forward Out	2,922	3,184	5,061	5,523	5,845	6,267	5,840	6,257
<b>Expenditures</b>	<b>2,547</b>	<b>3,325</b>	<b>4,476</b>	<b>3,823</b>	<b>3,952</b>	<b>3,952</b>	<b>3,959</b>	<b>3,959</b>
Biennial Change in Expenditures				2,427		(395)		(381)
Biennial % Change in Expenditures				41		(5)		(5)
Governor's Change from Base								14
Governor's % Change from Base								0
Full-Time Equivalents	17.28	18.24	22.54	22.54	22.10	21.65	22.10	21.65

### 2118 - Land Acquisition

Balance Forward In	459	879	814	984	1,079	1,126	1,079	1,308
Receipts	599	214	349	280	219	219	393	219
Transfers In	13							
Transfers Out	13							
Balance Forward Out	832	758	984	1,079	1,126	1,173	1,308	1,363
<b>Expenditures</b>	<b>227</b>	<b>335</b>	<b>179</b>	<b>185</b>	<b>172</b>	<b>172</b>	<b>164</b>	<b>164</b>
Biennial Change in Expenditures				(198)		(20)		(36)
Biennial % Change in Expenditures				(35)		(5)		(10)
Governor's Change from Base								(16)
Governor's % Change from Base								(5)

# Natural Resources

# Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b>2119 - State Land &amp; Water Conservation</b>								
Balance Forward In	55	58	85	18	517	1,034	517	1,034
Direct Appropriation	250	250	256	262	262	262	266	269
Open Appropriation	2	1	1	1	1	1	1	1
Receipts	366	1,154	197	800	800	800	800	800
Cancellations		77						
Balance Forward Out	58		18	517	1,034	1,551	1,034	1,551
<b>Expenditures</b>	<b>615</b>	<b>1,386</b>	<b>522</b>	<b>564</b>	<b>546</b>	<b>546</b>	<b>550</b>	<b>553</b>
Biennial Change in Expenditures				(915)		6		17
Biennial % Change in Expenditures				(46)		1		2
Governor's Change from Base								11
Governor's % Change from Base								1
Full-Time Equivalents	1.67	1.48	1.50	1.50	1.47	1.44	1.51	1.51

## 2120 - Water Management Account

Balance Forward In		361	128	254				
Direct Appropriation	5,000	5,225	5,160	5,340	5,356	5,356	5,807	5,894
Open Appropriation	39	30	38	38	38	38	38	38
Transfers In			325					
Transfers Out			325					
Cancellations		349						
Balance Forward Out	360	128	254					
<b>Expenditures</b>	<b>4,679</b>	<b>5,139</b>	<b>5,073</b>	<b>5,632</b>	<b>5,394</b>	<b>5,394</b>	<b>5,845</b>	<b>5,932</b>
Biennial Change in Expenditures				887		83		1,072
Biennial % Change in Expenditures				9		1		10
Governor's Change from Base								989
Governor's % Change from Base								9
Full-Time Equivalents	34.86	35.12	35.05	35.05	34.35	33.66	38.51	38.76

## 2200 - Game and Fish (Operations)

Balance Forward In	1,407	5,774	1,674	6,803	426	328	426	328
Direct Appropriation	89,912	88,877	87,287	90,138	90,584	90,845	87,095	89,348
Open Appropriation	1,647	1,422	1,653	1,407	1,650	1,650	1,650	1,650
Receipts	4,629	4,701	4,761	4,750	4,750	4,750	4,750	4,750

# Natural Resources

# Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Transfers In	1,046	951	1,026	1,026	1,070	1,122	1,070	1,122
Transfers Out	1,572	1,646	1,617	1,629	1,629	1,629	1,629	1,629
Cancellations	1,048	6,281	1,026	1,026	1,070	1,122	1,070	1,122
Balance Forward Out	5,322	1,655	6,803	426	328	232	328	232
<b>Expenditures</b>	<b>90,699</b>	<b>92,143</b>	<b>86,954</b>	<b>101,043</b>	<b>95,453</b>	<b>95,712</b>	<b>91,964</b>	<b>94,215</b>
Biennial Change in Expenditures				5,155		3,168		(1,818)
Biennial % Change in Expenditures				3		2		(1)
Governor's Change from Base								(4,986)
Governor's % Change from Base								(3)
Full-Time Equivalents	639.27	629.61	578.85	578.85	567.27	555.93	531.29	541.32

## 2201 - Computerized Lic Deer/Bear Mgmt

Balance Forward In	1,661	1,881	1,474	1,238	956	864	956	864
Receipts	959	986	998	1,018	1,018	1,018	1,018	1,018
Balance Forward Out	1,870	1,357	1,237	956	864	797	864	797
<b>Expenditures</b>	<b>749</b>	<b>1,509</b>	<b>1,235</b>	<b>1,300</b>	<b>1,110</b>	<b>1,085</b>	<b>1,110</b>	<b>1,085</b>
Biennial Change in Expenditures				276		(340)		(340)
Biennial % Change in Expenditures				12		(13)		(13)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	2.01	5.05	4.10	4.10	4.02	3.94	4.02	3.94

## 2202 - Deer Habitat Improvement

Balance Forward In	637	699	809	694	634	634	634	634
Receipts	1,270	1,305	1,322	1,400	1,400	1,400	8,546	8,546
Balance Forward Out	696	807	694	634	634	634	634	634
<b>Expenditures</b>	<b>1,210</b>	<b>1,197</b>	<b>1,436</b>	<b>1,460</b>	<b>1,400</b>	<b>1,400</b>	<b>8,546</b>	<b>8,546</b>
Biennial Change in Expenditures				489		(96)		14,196
Biennial % Change in Expenditures				20		(3)		490
Governor's Change from Base								14,292
Governor's % Change from Base								510
Full-Time Equivalents	9.64	9.54	10.28	10.28	10.07	9.87	71.07	70.87

# Natural Resources

# Agency Financing by Fund

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
<b>2203 - Waterfowl Habitat Improvement</b>								
Balance Forward In	589	717	813	803	733	658	733	658
Receipts	622	598	578	575	575	575	575	575
Balance Forward Out	710	788	803	733	658	583	658	583
<b>Expenditures</b>	<b>500</b>	<b>528</b>	<b>589</b>	<b>645</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>
Biennial Change in Expenditures			206		66		66	
Biennial % Change in Expenditures			20		5		5	
Governor's Change from Base							0	
Governor's % Change from Base							0	
Full-Time Equivalents	1.09	1.02	1.32	1.32	1.29	1.27	1.29	1.27

## 2204 - Trout And Salmon Management

Balance Forward In	900	952	737	681	606	606	606	606
Receipts	979	1,001	1,006	1,000	1,000	1,000	1,000	1,000
Balance Forward Out	941	717	681	606	606	606	606	606
<b>Expenditures</b>	<b>938</b>	<b>1,236</b>	<b>1,063</b>	<b>1,075</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>
Biennial Change in Expenditures				(36)		(138)		(138)
Biennial % Change in Expenditures				(2)		(6)		(6)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	3.94	7.63	6.91	6.91	6.77	6.64	6.77	6.64

## 2205 - Pheasant Habitat Improvement

Balance Forward In	66	103	123	213	173	173	173	173
Receipts	526	514	478	450	450	450	450	450
Balance Forward Out	103	123	213	173	173	173	173	173
<b>Expenditures</b>	<b>489</b>	<b>494</b>	<b>388</b>	<b>490</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>
Biennial Change in Expenditures				(105)		22		22
Biennial % Change in Expenditures				(11)		3		3
Governor's Change from Base								0
Governor's % Change from Base								0

## 2206 - Wild Rice Management

Balance Forward In	26	43	58	73	73	73	73	73
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## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Receipts	56	35	46	40	40	40	40	40
Balance Forward Out	43	38	73	73	73	73	73	73
<b>Expenditures</b>	<b>40</b>	<b>40</b>	<b>31</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
Biennial Change in Expenditures				(9)		9		9
Biennial % Change in Expenditures				(11)		12		12
Governor's Change from Base								0
Governor's % Change from Base								0

### 2207 - Wildlife Acquisition Surcharge

Balance Forward In	866	1,052	1,342	2,043	894	834	894	834
Receipts	1,580	1,546	1,483	1,450	1,425	1,400	1,425	1,400
Balance Forward Out	917	1,326	2,043	894	834	749	834	749
<b>Expenditures</b>	<b>1,529</b>	<b>1,272</b>	<b>782</b>	<b>2,599</b>	<b>1,485</b>	<b>1,485</b>	<b>1,485</b>	<b>1,485</b>
Biennial Change in Expenditures				579		(411)		(411)
Biennial % Change in Expenditures				21		(12)		(12)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	3.77	4.98	4.53	4.53	4.44	4.35	4.44	4.35

### 2208 - Wild Turkey Management

Balance Forward In	306	332	307	341	311	281	311	281
Receipts	201	203	190	200	200	200	200	200
Balance Forward Out	331	305	341	311	281	251	281	251
<b>Expenditures</b>	<b>175</b>	<b>229</b>	<b>156</b>	<b>230</b>	<b>230</b>	<b>230</b>	<b>230</b>	<b>230</b>
Biennial Change in Expenditures				(18)		74		74
Biennial % Change in Expenditures				(5)		19		19
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	0.03	0.08	0.03	0.03	0.03	0.03	0.03	0.03

### 2209 - Heritage Enhancement

Balance Forward In	567	1,490	17	1,287				
Direct Appropriation	13,009	13,112	14,267	13,961	13,995	13,995	14,186	14,363

# Natural Resources

# Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Transfers In	400	360						
Transfers Out	400	360						
Cancellations		662						
Balance Forward Out	1,318	14	1,287					
<b>Expenditures</b>	<b>12,256</b>	<b>13,926</b>	<b>12,997</b>	<b>15,248</b>	<b>13,995</b>	<b>13,995</b>	<b>14,186</b>	<b>14,363</b>
Biennial Change in Expenditures				2,063		(255)		304
Biennial % Change in Expenditures				8		(1)		1
Governor's Change from Base								559
Governor's % Change from Base								2
Full-Time Equivalents	85.13	80.26	86.90	86.90	85.17	83.46	87.14	87.34

## 2211 - Walleye Stamp Account

Balance Forward In	59	70	74	81	81	81	81	81
Receipts	85	92	95	90	90	90	90	90
Balance Forward Out	70	74	81	81	81	81	81	81
<b>Expenditures</b>	<b>75</b>	<b>88</b>	<b>88</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>
Biennial Change in Expenditures				15		2		2
Biennial % Change in Expenditures				9		1		1
Governor's Change from Base								0
Governor's % Change from Base								0

## 2212 - Peace Officer Training Account

Balance Forward In		8		39				
Direct Appropriation	135	135	135	135	135	135	135	135
Balance Forward Out	2		39					
<b>Expenditures</b>	<b>133</b>	<b>143</b>	<b>96</b>	<b>174</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>
Biennial Change in Expenditures				(6)		0		0
Biennial % Change in Expenditures				(2)		(0)		(0)
Governor's Change from Base								0
Governor's % Change from Base								0

## 2213 - Wolf Management & Monitoring

Balance Forward In	768	976	1,140	1,175	1,195	1,265	1,195	1,265
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## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Receipts	317	326	330	320	320	320	320	320
Balance Forward Out	976	1,140	1,175	1,195	1,265	1,335	1,265	1,335
<b>Expenditures</b>	<b>110</b>	<b>162</b>	<b>296</b>	<b>300</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>
Biennial Change in Expenditures				324		(96)		(96)
Biennial % Change in Expenditures				119		(16)		(16)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents		0.43	0.42	0.42	0.41	0.40	0.41	0.40

### 2300 - Outdoor Heritage

Balance Forward In	40,159	50,025	52,861	49,778				
Direct Appropriation	89,077	86,786	84,766	95,415	0	0	0	0
Open Appropriation	100	77	284	284	0	0	0	0
Transfers In	881	665	131					
Transfers Out	913	722	191					
Cancellations	700	2,956	1,972					
Balance Forward Out	43,208	48,526	49,777					
<b>Expenditures</b>	<b>85,405</b>	<b>85,349</b>	<b>86,102</b>	<b>145,477</b>				
Biennial Change in Expenditures				60,825		(231,579)		(231,579)
Biennial % Change in Expenditures				36		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	40.90	41.33	43.68	43.68				

### 2302 - Clean Water

Balance Forward In	9,251	7,004	4,407	3,665				
Direct Appropriation	9,000	9,150	8,446	8,446	0	0	11,151	11,151
Open Appropriation	127	123	260	260	0	0	0	0
Transfers In	280							
Transfers Out	280							
Cancellations	106	1,746	58					
Balance Forward Out	6,931	4,171	3,664					
<b>Expenditures</b>	<b>11,341</b>	<b>10,360</b>	<b>9,391</b>	<b>12,371</b>			<b>11,151</b>	<b>11,151</b>

## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Biennial Change in Expenditures				61		(21,762)		540
Biennial % Change in Expenditures				0		(100)		2
Governor's Change from Base								22,302
Governor's % Change from Base								
Full-Time Equivalents	84.36	77.87	72.91	72.91			78.00	78.00

### 2303 - Parks and Trails

Balance Forward In	8,339	8,575	12,396	14,245				
Direct Appropriation	26,391	27,655	25,398	28,883	0	0	30,932	31,187
Open Appropriation	81	56	110	110	0	0	0	0
Transfers In	15,113	15,220	2,313					
Transfers Out	15,113	15,220	2,313					
Cancellations	1	8	22					
Balance Forward Out	7,869	10,751	14,245					
<b>Expenditures</b>	<b>26,943</b>	<b>25,528</b>	<b>23,637</b>	<b>43,238</b>			<b>30,932</b>	<b>31,187</b>
Biennial Change in Expenditures				14,405		(66,875)		(4,756)
Biennial % Change in Expenditures				27		(100)		(7)
Governor's Change from Base								62,119
Governor's % Change from Base								
Full-Time Equivalents	44.78	39.85	42.55	42.55			44.00	44.00

### 2400 - Endowment

Balance Forward In	3	2	2	2	2	2	2	2
Receipts	0	0	0					
Balance Forward Out	2	2	2	2	2	2	2	2
<b>Expenditures</b>	<b>1</b>							
Biennial Change in Expenditures				(1)		0		0
Biennial % Change in Expenditures								
Governor's Change from Base								0
Governor's % Change from Base								

### 2401 - Reinvest In Minnesota-Gifts

Balance Forward In	12,987	13,529	18,495	21,033	22,133	23,412	22,133	23,412
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## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Receipts	149	172	1,055	225	225	225	225	225
Transfers In	5,913	8,115	7,318	7,199	7,202	7,202	7,217	7,231
Transfers Out	950	1,000	1,013	1,000	1,000	1,000	1,000	1,000
Balance Forward Out	13,500	18,485	21,033	22,133	23,412	24,691	23,412	24,691
<b>Expenditures</b>	<b>4,599</b>	<b>2,332</b>	<b>4,821</b>	<b>5,324</b>	<b>5,148</b>	<b>5,148</b>	<b>5,163</b>	<b>5,177</b>
Biennial Change in Expenditures				3,214		151		195
Biennial % Change in Expenditures				46		1		2
Governor's Change from Base								44
Governor's % Change from Base								0
Full-Time Equivalents	14.83	14.86	15.26	15.26	14.95	14.66	15.10	14.97

### 2403 - Gift

Balance Forward In	3,071	3,244	3,533	3,901	2,560	2,447	2,560	2,447
Receipts	1,549	1,650	1,973	1,589	1,615	1,654	1,615	1,654
Transfers In	97	20						
Transfers Out	97	70	50	50	50	50	50	50
Balance Forward Out	3,213	3,411	3,903	2,560	2,447	2,373	2,447	2,373
<b>Expenditures</b>	<b>1,408</b>	<b>1,433</b>	<b>1,554</b>	<b>2,880</b>	<b>1,678</b>	<b>1,678</b>	<b>1,678</b>	<b>1,678</b>
Biennial Change in Expenditures				1,592		(1,078)		(1,078)
Biennial % Change in Expenditures				56		(24)		(24)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	6.88	6.77	5.69	5.69	5.57	5.47	5.57	5.47

### 2801 - Remediation

Balance Forward In	2,294	1,134	710	1,000				
Direct Appropriation	1,100	100	102	104	105	106	106	109
Receipts	1		183	2,537	2,537		2,537	
Transfers In	4	3	304	4	5,004	7,504	5,004	7,504
Cancellations	1,004	3	22	4	4	4	4	4
Balance Forward Out	1,134	675	999					
<b>Expenditures</b>	<b>1,262</b>	<b>559</b>	<b>279</b>	<b>3,641</b>	<b>7,642</b>	<b>7,606</b>	<b>7,643</b>	<b>7,609</b>
Biennial Change in Expenditures				2,098		11,328		11,332

## Natural Resources

## Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Biennial % Change in Expenditures				115		289		289
Governor's Change from Base								4
Governor's % Change from Base								0
Full-Time Equivalents	1.85	2.51	2.42	2.42	2.37	2.32	2.38	2.35

### 3000 - Federal

Balance Forward In	4,566	4,795	4,516	1,924	1,797	1,797	1,797	1,797
Receipts	15,379	17,797	16,320	24,514	31,948	26,850	31,948	26,850
Transfers Out	769	277	2,239					
Balance Forward Out	3,659	3,671	1,925	1,797	1,797	1,797	1,797	1,797
<b>Expenditures</b>	<b>15,518</b>	<b>18,647</b>	<b>16,672</b>	<b>24,641</b>	<b>31,948</b>	<b>26,850</b>	<b>31,948</b>	<b>26,850</b>
Biennial Change in Expenditures				7,148		17,485		17,485
Biennial % Change in Expenditures				21		42		42
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	50.56	52.41	51.62	51.62	50.61	49.59	50.61	49.59

### 3800 - Permanent School

Balance Forward In	12,489	11,683	11,013	13,478	11,585	10,261	11,585	10,258
Receipts	30,073	21,928	26,729	23,575	23,311	23,411	23,311	23,411
Transfers In	8,379	5,001	1,913	4,401	4,172	3,434	4,175	3,440
Transfers Out	13,368	12,362	11,847	14,095	13,795	13,795	13,498	13,501
Cancellations	25,740	15,133	14,180	15,538	14,791	14,153	14,791	14,153
Balance Forward Out	11,683	10,854	13,477	11,585	10,261	8,937	10,258	8,928
<b>Expenditures</b>	<b>151</b>	<b>263</b>	<b>152</b>	<b>236</b>	<b>221</b>	<b>221</b>	<b>524</b>	<b>527</b>
Biennial Change in Expenditures				(26)		54		663
Biennial % Change in Expenditures				(6)		14		171
Governor's Change from Base								609
Governor's % Change from Base								138
Full-Time Equivalents	1.40	1.15	1.34	1.34	1.31	1.29	2.84	2.85

### 6000 - Miscellaneous Agency

Balance Forward In	12,087	7,824	8,617	10,205				
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# Natural Resources

# Agency Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Receipts	7,964	8,559	10,764					
Internal Billing Receipts	7,076	7,796	6,900					
Transfers In	1,400	420	209					
Transfers Out	6,308	1,036	2,474	10,205				
Balance Forward Out	7,820	8,613	10,205					
<b>Expenditures</b>	<b>7,325</b>	<b>7,153</b>	<b>6,911</b>					
Biennial Change in Expenditures				(7,567)		(6,911)		(6,911)
Biennial % Change in Expenditures				(52)				
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	4.00	4.15	0.17	0.17	0.17	0.16	0.17	0.16

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Direct</b>				
<b>Fund: 1000 - General</b>				
<b>FY2019 Appropriations</b>	<b>85,193</b>	<b>85,193</b>	<b>85,193</b>	<b>170,386</b>
<b>Base Adjustments</b>				
Pension Allocation		172	215	387
<b>Forecast Base</b>	<b>85,193</b>	<b>85,365</b>	<b>85,408</b>	<b>170,773</b>
<b>Change Items</b>				
Operating Adjustment		1,854	2,965	4,819
Legal Costs	(500)	2,857	3,208	6,065
Sustaining Minnesota's White-Tailed Deer		2,410	2,160	4,570
Protecting DNR Applications		1,411	1,391	2,802
Pineland Sands EIS/Study		1,854		1,854
Protecting Our Public Waters		800	800	1,600
Address State Trail Maintenance Funding Shortfall		1,000	1,000	2,000
Office of School Trust Lands		187	187	374
<b>Total Governor's Recommendations</b>	<b>84,693</b>	<b>97,738</b>	<b>97,119</b>	<b>194,857</b>
<b>Fund: 2050 - Environment &amp; Natural Resources</b>				
<b>FY2019 Appropriations</b>	<b>23,608</b>	<b>23,608</b>	<b>23,608</b>	<b>47,216</b>
<b>Base Adjustments</b>				
All Other One-Time Appropriations		(23,608)	(23,608)	(47,216)
<b>Forecast Base</b>	<b>23,608</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Governor's Recommendations</b>	<b>23,608</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Fund: 2100 - Water Recreation</b>				
<b>FY2019 Appropriations</b>	<b>18,403</b>	<b>18,403</b>	<b>18,403</b>	<b>36,806</b>
<b>Forecast Base</b>	<b>18,403</b>	<b>18,403</b>	<b>18,403</b>	<b>36,806</b>
<b>Change Items</b>				
Operating Adjustment		281	544	825
Increase Boating Registration Fees and Aquatic Invasive Species Surcharge		2,392	2,392	4,784
Transportation Funding Package		3,650	3,650	7,300
<b>Total Governor's Recommendations</b>	<b>18,403</b>	<b>24,726</b>	<b>24,989</b>	<b>49,715</b>
<b>Fund: 2101 - Snowmobile</b>				
<b>FY2019 Appropriations</b>	<b>15,967</b>	<b>15,967</b>	<b>15,967</b>	<b>31,934</b>
<b>Forecast Base</b>	<b>15,967</b>	<b>15,967</b>	<b>15,967</b>	<b>31,934</b>
<b>Change Items</b>				
Operating Adjustment		107	208	315
<b>Total Governor's Recommendations</b>	<b>15,967</b>	<b>16,074</b>	<b>16,175</b>	<b>32,249</b>

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Fund: 2102 - All-Terrain Vehicle</b>				
FY2019 Appropriations	7,115	7,115	7,115	14,230
Base Adjustments				
Pension Allocation		32	56	88
Forecast Base	7,115	7,147	7,171	14,318
Change Items				
Operating Adjustment		104	201	305
Appropriation Increase for ATV and ORV Accounts		925	925	1,850
<b>Total Governor's Recommendations</b>	<b>7,115</b>	<b>8,176</b>	<b>8,297</b>	<b>16,473</b>
<b>Fund: 2103 - Off-Highway Motorcycle</b>				
FY2019 Appropriations	542	542	542	1,084
Base Adjustments				
Pension Allocation		2	4	6
Forecast Base	542	544	546	1,090
Change Items				
Operating Adjustment		5	10	15
<b>Total Governor's Recommendations</b>	<b>542</b>	<b>549</b>	<b>556</b>	<b>1,105</b>
<b>Fund: 2104 - Off-Road Vehicle</b>				
FY2019 Appropriations	1,292	1,292	1,292	2,584
Base Adjustments				
Pension Allocation		2	4	6
Forecast Base	1,292	1,294	1,296	2,590
Change Items				
Operating Adjustment		8	16	24
Appropriation Increase for ATV and ORV Accounts		525	525	1,050
<b>Total Governor's Recommendations</b>	<b>1,292</b>	<b>1,827</b>	<b>1,837</b>	<b>3,664</b>
<b>Fund: 2106 - State Park</b>				
FY2019 Appropriations	18,260	18,260	18,260	36,520
Base Adjustments				
Pension Allocation		67	69	136
Forecast Base	18,260	18,327	18,329	36,656
Change Items				
Operating Adjustment		307	592	899
<b>Total Governor's Recommendations</b>	<b>18,260</b>	<b>18,634</b>	<b>18,921</b>	<b>37,555</b>
<b>Fund: 2107 - State Pks &amp; Trls Lott In Lieu</b>				
FY2019 Appropriations	6,301	6,301	6,301	12,602

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Base Adjustments</b>				
Pension Allocation		16	16	32
<b>Forecast Base</b>	<b>6,301</b>	<b>6,317</b>	<b>6,317</b>	<b>12,634</b>
<b>Change Items</b>				
Operating Adjustment		98	189	287
<b>Total Governor's Recommendations</b>	<b>6,301</b>	<b>6,415</b>	<b>6,506</b>	<b>12,921</b>
<b>Fund: 2109 - Local Trls Grants Lott In Lieu</b>				
<b>FY2019 Appropriations</b>	<b>1,005</b>	<b>1,005</b>	<b>1,005</b>	<b>2,010</b>
<b>Forecast Base</b>	<b>1,005</b>	<b>1,005</b>	<b>1,005</b>	<b>2,010</b>
<b>Total Governor's Recommendations</b>	<b>1,005</b>	<b>1,005</b>	<b>1,005</b>	<b>2,010</b>
<b>Fund: 2110 - Zoos Lottery In Lieu</b>				
<b>FY2019 Appropriations</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>640</b>
<b>Forecast Base</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>640</b>
<b>Total Governor's Recommendations</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>640</b>
<b>Fund: 2111 - Nongame</b>				
<b>FY2019 Appropriations</b>	<b>953</b>	<b>953</b>	<b>953</b>	<b>1,906</b>
<b>Base Adjustments</b>				
Pension Allocation		3	3	6
<b>Forecast Base</b>	<b>953</b>	<b>956</b>	<b>956</b>	<b>1,912</b>
<b>Change Items</b>				
Operating Adjustment		15	29	44
<b>Total Governor's Recommendations</b>	<b>953</b>	<b>971</b>	<b>985</b>	<b>1,956</b>
<b>Fund: 2112 - Invasive Species</b>				
<b>FY2019 Appropriations</b>	<b>3,602</b>	<b>3,602</b>	<b>3,602</b>	<b>7,204</b>
<b>Forecast Base</b>	<b>3,602</b>	<b>3,602</b>	<b>3,602</b>	<b>7,204</b>
<b>Change Items</b>				
Operating Adjustment		51	100	151
Increase Boating Registration Fees and Aquatic Invasive Species Surcharge		100	100	200
<b>Total Governor's Recommendations</b>	<b>3,602</b>	<b>3,753</b>	<b>3,802</b>	<b>7,555</b>
<b>Fund: 2113 - Forest Management Investment</b>				
<b>FY2019 Appropriations</b>	<b>15,372</b>	<b>15,372</b>	<b>15,372</b>	<b>30,744</b>
<b>Base Adjustments</b>				
Current Law Base Change		(750)	(750)	(1,500)
Pension Allocation		54	54	108
<b>Forecast Base</b>	<b>15,372</b>	<b>14,676</b>	<b>14,676</b>	<b>29,352</b>



## Natural Resources

## Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Change Items</b>				
Operating Adjustment		287	554	841
Minnesota Forest Management		1,000	1,000	2,000
<b>Total Governor's Recommendations</b>	<b>15,372</b>	<b>15,963</b>	<b>16,230</b>	<b>32,193</b>
<b>Fund: 2114 - Mineral Management</b>				
<b>FY2019 Appropriations</b>	<b>3,168</b>	<b>3,168</b>	<b>3,168</b>	<b>6,336</b>
<b>Base Adjustments</b>				
Pension Allocation		10	10	20
<b>Forecast Base</b>	<b>3,168</b>	<b>3,178</b>	<b>3,178</b>	<b>6,356</b>
<b>Change Items</b>				
Operating Adjustment		54	105	159
<b>Total Governor's Recommendations</b>	<b>3,168</b>	<b>3,232</b>	<b>3,283</b>	<b>6,515</b>
<b>Fund: 2116 - Cross Country Ski</b>				
<b>FY2019 Appropriations</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>160</b>
<b>Forecast Base</b>	<b>80</b>	<b>80</b>	<b>80</b>	<b>160</b>
<b>Change Items</b>				
Operating Adjustment		1	2	3
Cross-Country Ski Pass Fee Increase		35	35	70
<b>Total Governor's Recommendations</b>	<b>80</b>	<b>116</b>	<b>117</b>	<b>233</b>
<b>Fund: 2119 - State Land &amp; Water Conservation</b>				
<b>FY2019 Appropriations</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>524</b>
<b>Forecast Base</b>	<b>262</b>	<b>262</b>	<b>262</b>	<b>524</b>
<b>Change Items</b>				
Operating Adjustment		4	7	11
<b>Total Governor's Recommendations</b>	<b>262</b>	<b>266</b>	<b>269</b>	<b>535</b>
<b>Fund: 2120 - Water Management Account</b>				
<b>FY2019 Appropriations</b>	<b>5,340</b>	<b>5,340</b>	<b>5,340</b>	<b>10,680</b>
<b>Base Adjustments</b>				
Pension Allocation		16	16	32
<b>Forecast Base</b>	<b>5,340</b>	<b>5,356</b>	<b>5,356</b>	<b>10,712</b>
<b>Change Items</b>				
Operating Adjustment		93	180	273
Protecting Our Public Waters		358	358	716
<b>Total Governor's Recommendations</b>	<b>5,340</b>	<b>5,807</b>	<b>5,894</b>	<b>11,701</b>
<b>Fund: 2200 - Game and Fish (Operations)</b>				

## Natural Resources

## Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>FY2019 Appropriations</b>	<b>90,138</b>	<b>90,138</b>	<b>90,138</b>	<b>180,276</b>
<b>Base Adjustments</b>				
Pension Allocation		446	707	1,153
<b>Forecast Base</b>	<b>90,138</b>	<b>90,584</b>	<b>90,845</b>	<b>181,429</b>
<b>Change Items</b>				
Operating Adjustment		2,295	4,033	6,328
Sustaining Minnesota's White-Tailed Deer		908	908	1,816
Angler Surveys to Inform Fisheries Management		278	532	810
Fish and Wildlife Dedicated Deer License Revenue		(7,146)	(7,146)	(14,292)
Ice Safety Program		176	176	352
<b>Total Governor's Recommendations</b>	<b>90,138</b>	<b>87,095</b>	<b>89,348</b>	<b>176,443</b>
<b>Fund: 2209 - Heritage Enhancement</b>				
<b>FY2019 Appropriations</b>	<b>13,961</b>	<b>13,961</b>	<b>13,961</b>	<b>27,922</b>
<b>Base Adjustments</b>				
Pension Allocation		34	34	68
<b>Forecast Base</b>	<b>13,961</b>	<b>13,995</b>	<b>13,995</b>	<b>27,990</b>
<b>Change Items</b>				
Operating Adjustment		191	368	559
<b>Total Governor's Recommendations</b>	<b>13,961</b>	<b>14,186</b>	<b>14,363</b>	<b>28,549</b>
<b>Fund: 2212 - Peace Officer Training Account</b>				
<b>FY2019 Appropriations</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>270</b>
<b>Forecast Base</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>270</b>
<b>Total Governor's Recommendations</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>270</b>
<b>Fund: 2300 - Outdoor Heritage</b>				
<b>FY2019 Appropriations</b>	<b>95,415</b>	<b>95,415</b>	<b>95,415</b>	<b>190,830</b>
<b>Base Adjustments</b>				
One-Time Legacy Fund Appropriations		(95,415)	(95,415)	(190,830)
<b>Forecast Base</b>	<b>95,415</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Governor's Recommendations</b>	<b>95,415</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Fund: 2302 - Clean Water</b>				
<b>FY2019 Appropriations</b>	<b>8,446</b>	<b>8,446</b>	<b>8,446</b>	<b>16,892</b>
<b>Base Adjustments</b>				
One-Time Legacy Fund Appropriations		(8,446)	(8,446)	(16,892)
<b>Forecast Base</b>	<b>8,446</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Change Items</b>				
Aquifer Monitoring for Water Supply Planning		2,325	2,325	4,650
Buffer Map Maintenance		100	100	200

## Natural Resources

## Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
Color Infrared Imagery Analysis		325	325	650
County Geologic Atlases		150	150	300
Fish Contamination Assessment		135	135	270
Forests for the Future		750	750	1,500
Lake IBI Assessment		1,250	1,250	2,500
Nonpoint Source Restoration and Protection Activities		1,200	1,200	2,400
Applied Research and Tools		700	700	1,400
Stream Flow Monitoring		2,200	2,200	4,400
Watershed Restoration and Protection Strategies		2,016	2,016	4,032
<b>Total Governor's Recommendations</b>	<b>8,446</b>	<b>11,151</b>	<b>11,151</b>	<b>22,302</b>
<b>Fund: 2303 - Parks and Trails</b>				
<b>FY2019 Appropriations</b>	<b>28,883</b>	<b>28,883</b>	<b>28,883</b>	<b>57,766</b>
<b>Base Adjustments</b>				
One-Time Legacy Fund Appropriations		(28,883)	(28,883)	(57,766)
<b>Forecast Base</b>	<b>28,883</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Change Items</b>				
Parks and Trails Legacy Funds - DNR		20,280	20,447	40,727
Parks and Trails Legacy Funds - Greater Minnesota		10,140	10,224	20,364
Parks and Trails Legacy Funds - Coordination		512	516	1,028
<b>Total Governor's Recommendations</b>	<b>28,883</b>	<b>30,932</b>	<b>31,187</b>	<b>62,119</b>
<b>Fund: 2801 - Remediation</b>				
<b>FY2019 Appropriations</b>	<b>104</b>	<b>104</b>	<b>104</b>	<b>208</b>
<b>Base Adjustments</b>				
Pension Allocation		1	2	3
<b>Forecast Base</b>	<b>104</b>	<b>105</b>	<b>106</b>	<b>211</b>
<b>Change Items</b>				
Operating Adjustment		1	3	4
<b>Total Governor's Recommendations</b>	<b>104</b>	<b>106</b>	<b>109</b>	<b>215</b>
<b>Open</b>				
<b>Fund: 1000 - General</b>				
<b>FY2019 Appropriations</b>	<b>62,906</b>	<b>62,906</b>	<b>62,906</b>	<b>125,812</b>
<b>Base Adjustments</b>				
Forecast Open Appropriation Adjustment	494	1,300	1,676	2,976
November Forecast Adjustment	27	(35)	(95)	(130)
<b>Forecast Base</b>	<b>63,427</b>	<b>64,171</b>	<b>64,487</b>	<b>128,658</b>
<b>Total Governor's Recommendations</b>	<b>63,427</b>	<b>64,171</b>	<b>64,487</b>	<b>128,658</b>

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Fund: 2050 - Environment &amp; Natural Resources</b>				
FY2019 Appropriations	68	68	68	136
Base Adjustments				
All Other One-Time Appropriations		(68)	(68)	(136)
Forecast Base	68	0	0	0
Total Governor's Recommendations	68	0	0	0
<b>Fund: 2100 - Water Recreation</b>				
Base Adjustments				
Forecast Open Appropriation Adjustment	214	214	214	428
Forecast Base	214	214	214	428
Total Governor's Recommendations	214	214	214	428
<b>Fund: 2101 - Snowmobile</b>				
Base Adjustments				
Forecast Open Appropriation Adjustment	103	103	103	206
Forecast Base	103	103	103	206
Total Governor's Recommendations	103	103	103	206
<b>Fund: 2102 - All-Terrain Vehicle</b>				
Base Adjustments				
Forecast Open Appropriation Adjustment	103	103	103	206
Forecast Base	103	103	103	206
Total Governor's Recommendations	103	103	103	206
<b>Fund: 2103 - Off-Highway Motorcycle</b>				
Base Adjustments				
Forecast Open Appropriation Adjustment	21	21	21	42
Forecast Base	21	21	21	42
Total Governor's Recommendations	21	21	21	42
<b>Fund: 2104 - Off-Road Vehicle</b>				
Base Adjustments				
Forecast Open Appropriation Adjustment	21	21	21	42
Forecast Base	21	21	21	42
Total Governor's Recommendations	21	21	21	42
<b>Fund: 2106 - State Park</b>				
Base Adjustments				
Forecast Open Appropriation Adjustment	139	139	139	278

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Forecast Base</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>278</b>
<b>Total Governor's Recommendations</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>278</b>
<b>Fund: 2107 - State Pks &amp; Trls Lott In Lieu</b>				
<b>Base Adjustments</b>				
Forecast Open Appropriation Adjustment	60	60	60	120
<b>Forecast Base</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>120</b>
<b>Total Governor's Recommendations</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>120</b>
<b>Fund: 2112 - Invasive Species</b>				
<b>Base Adjustments</b>				
Forecast Open Appropriation Adjustment	21	21	21	42
<b>Forecast Base</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>42</b>
<b>Total Governor's Recommendations</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>42</b>
<b>Fund: 2113 - Forest Management Investment</b>				
<b>Base Adjustments</b>				
Forecast Open Appropriation Adjustment	144	144	144	288
<b>Forecast Base</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>288</b>
<b>Total Governor's Recommendations</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>288</b>
<b>Fund: 2114 - Mineral Management</b>				
<b>Base Adjustments</b>				
All Other One-Time Appropriations	22	22	22	44
Forecast Open Appropriation Adjustment	1,396	1,091	106	1,197
<b>Forecast Base</b>	<b>1,418</b>	<b>1,113</b>	<b>128</b>	<b>1,241</b>
<b>Total Governor's Recommendations</b>	<b>1,418</b>	<b>1,113</b>	<b>128</b>	<b>1,241</b>
<b>Fund: 2119 - State Land &amp; Water Conservation</b>				
<b>Base Adjustments</b>				
Forecast Open Appropriation Adjustment	1	1	1	2
<b>Forecast Base</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Total Governor's Recommendations</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Fund: 2120 - Water Management Account</b>				
<b>Base Adjustments</b>				
Forecast Open Appropriation Adjustment	38	38	38	76
<b>Forecast Base</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>76</b>
<b>Total Governor's Recommendations</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>76</b>

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Fund: 2200 - Game and Fish (Operations)</b>				
Base Adjustments				
Forecast Open Appropriation Adjustment	1,407	1,650	1,650	3,300
<b>Forecast Base</b>	<b>1,407</b>	<b>1,650</b>	<b>1,650</b>	<b>3,300</b>
<b>Total Governor's Recommendations</b>	<b>1,407</b>	<b>1,650</b>	<b>1,650</b>	<b>3,300</b>
<b>Fund: 2300 - Outdoor Heritage</b>				
FY2019 Appropriations	284	284	284	568
Base Adjustments				
One-Time Legacy Fund Appropriations		(284)	(284)	(568)
<b>Forecast Base</b>	<b>284</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Governor's Recommendations</b>	<b>284</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Fund: 2302 - Clean Water</b>				
FY2019 Appropriations	260	260	260	520
Base Adjustments				
One-Time Legacy Fund Appropriations		(260)	(260)	(520)
<b>Forecast Base</b>	<b>260</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Governor's Recommendations</b>	<b>260</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Fund: 2303 - Parks and Trails</b>				
FY2019 Appropriations	110	110	110	220
Base Adjustments				
One-Time Legacy Fund Appropriations		(110)	(110)	(220)
<b>Forecast Base</b>	<b>110</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Governor's Recommendations</b>	<b>110</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Dedicated</b>				
<b>Fund: 2000 - Restrict Misc Special Revenue</b>				
Planned Spending	16,948	9,634	9,730	19,364
Forecast Base	16,948	9,634	9,730	19,364
Change Items				
Transportation Funding Package		196	550	746
<b>Total Governor's Recommendations</b>	<b>16,948</b>	<b>9,830</b>	<b>10,280</b>	<b>20,110</b>
<b>Fund: 2001 - Other Misc Special Revenue</b>				
Planned Spending	148,516	138,098	136,628	274,726
Forecast Base	148,516	138,098	136,628	274,726
<b>Total Governor's Recommendations</b>	<b>148,516</b>	<b>138,098</b>	<b>136,628</b>	<b>274,726</b>

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Fund: 2100 - Water Recreation</b>				
Planned Spending	220	60	65	125
Forecast Base	220	60	65	125
Total Governor's Recommendations	220	60	65	125
<b>Fund: 2101 - Snowmobile</b>				
Planned Spending	35	35	35	70
Forecast Base	35	35	35	70
Total Governor's Recommendations	35	35	35	70
<b>Fund: 2102 - All-Terrain Vehicle</b>				
Planned Spending	50	136		136
Forecast Base	50	136		136
Total Governor's Recommendations	50	136		136
<b>Fund: 2106 - State Park</b>				
Planned Spending	850	850	850	1,700
Forecast Base	850	850	850	1,700
Total Governor's Recommendations	850	850	850	1,700
<b>Fund: 2115 - Mining Administration Account</b>				
Planned Spending	1,838	1,500	674	2,174
Forecast Base	1,838	1,500	674	2,174
Total Governor's Recommendations	1,838	1,500	674	2,174
<b>Fund: 2116 - Cross Country Ski</b>				
Planned Spending	279	279	279	558
Forecast Base	279	279	279	558
Change Items				
Cross-Country Ski Pass Fee Increase		35	35	70
Total Governor's Recommendations	279	314	314	628
<b>Fund: 2117 - Natural Resource Misc Statutory</b>				
Planned Spending	3,823	3,952	3,952	7,904
Forecast Base	3,823	3,952	3,952	7,904
Change Items				
Protecting Special Forest Products		2	2	4
State Trail Special Event Account		5	5	10
Total Governor's Recommendations	3,823	3,959	3,959	7,918

## Natural Resources

## Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Fund: 2118 - Land Acquisition</b>				
Planned Spending	185	172	172	344
Forecast Base	185	172	172	344
Change Items				
Authorize Strategic Land Sales		(8)	(8)	(16)
<b>Total Governor's Recommendations</b>	<b>185</b>	<b>164</b>	<b>164</b>	<b>328</b>
<b>Fund: 2119 - State Land &amp; Water Conservation</b>				
Planned Spending	283	283	283	566
Forecast Base	283	283	283	566
<b>Total Governor's Recommendations</b>	<b>283</b>	<b>283</b>	<b>283</b>	<b>566</b>
<b>Fund: 2200 - Game and Fish (Operations)</b>				
Planned Spending	3,615	3,569	3,567	7,136
Forecast Base	3,615	3,569	3,567	7,136
<b>Total Governor's Recommendations</b>	<b>3,615</b>	<b>3,569</b>	<b>3,567</b>	<b>7,136</b>
<b>Fund: 2201 - Computerized Lic Deer/Bear Mgmt</b>				
Planned Spending	1,300	1,110	1,085	2,195
Forecast Base	1,300	1,110	1,085	2,195
<b>Total Governor's Recommendations</b>	<b>1,300</b>	<b>1,110</b>	<b>1,085</b>	<b>2,195</b>
<b>Fund: 2202 - Deer Habitat Improvement</b>				
Planned Spending	1,460	1,400	1,400	2,800
Forecast Base	1,460	1,400	1,400	2,800
Change Items				
Fish and Wildlife Dedicated Deer License Revenue		7,146	7,146	14,292
<b>Total Governor's Recommendations</b>	<b>1,460</b>	<b>8,546</b>	<b>8,546</b>	<b>17,092</b>
<b>Fund: 2203 - Waterfowl Habitat Improvement</b>				
Planned Spending	645	650	650	1,300
Forecast Base	645	650	650	1,300
<b>Total Governor's Recommendations</b>	<b>645</b>	<b>650</b>	<b>650</b>	<b>1,300</b>
<b>Fund: 2204 - Trout And Salmon Management</b>				
Planned Spending	1,075	1,000	1,000	2,000
Forecast Base	1,075	1,000	1,000	2,000
<b>Total Governor's Recommendations</b>	<b>1,075</b>	<b>1,000</b>	<b>1,000</b>	<b>2,000</b>
<b>Fund: 2205 - Pheasant Habitat Improvement</b>				



## Natural Resources

## Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Planned Spending</b>	<b>490</b>	<b>450</b>	<b>450</b>	<b>900</b>
<b>Forecast Base</b>	<b>490</b>	<b>450</b>	<b>450</b>	<b>900</b>
<b>Total Governor's Recommendations</b>	<b>490</b>	<b>450</b>	<b>450</b>	<b>900</b>
<b>Fund: 2206 - Wild Rice Management</b>				
<b>Planned Spending</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>80</b>
<b>Forecast Base</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>80</b>
<b>Total Governor's Recommendations</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>80</b>
<b>Fund: 2207 - Wildlife Acquisition Surcharge</b>				
<b>Planned Spending</b>	<b>2,599</b>	<b>1,485</b>	<b>1,485</b>	<b>2,970</b>
<b>Forecast Base</b>	<b>2,599</b>	<b>1,485</b>	<b>1,485</b>	<b>2,970</b>
<b>Total Governor's Recommendations</b>	<b>2,599</b>	<b>1,485</b>	<b>1,485</b>	<b>2,970</b>
<b>Fund: 2208 - Wild Turkey Management</b>				
<b>Planned Spending</b>	<b>230</b>	<b>230</b>	<b>230</b>	<b>460</b>
<b>Forecast Base</b>	<b>230</b>	<b>230</b>	<b>230</b>	<b>460</b>
<b>Total Governor's Recommendations</b>	<b>230</b>	<b>230</b>	<b>230</b>	<b>460</b>
<b>Fund: 2211 - Walleye Stamp Account</b>				
<b>Planned Spending</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>180</b>
<b>Forecast Base</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>180</b>
<b>Total Governor's Recommendations</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>180</b>
<b>Fund: 2213 - Wolf Management &amp; Monitoring</b>				
<b>Planned Spending</b>	<b>300</b>	<b>250</b>	<b>250</b>	<b>500</b>
<b>Forecast Base</b>	<b>300</b>	<b>250</b>	<b>250</b>	<b>500</b>
<b>Total Governor's Recommendations</b>	<b>300</b>	<b>250</b>	<b>250</b>	<b>500</b>
<b>Fund: 2401 - Reinvest In Minnesota-Gifts</b>				
<b>Planned Spending</b>	<b>5,324</b>	<b>5,148</b>	<b>5,148</b>	<b>10,296</b>
<b>Forecast Base</b>	<b>5,324</b>	<b>5,148</b>	<b>5,148</b>	<b>10,296</b>
<b>Change Items</b>				
Operating Adjustment		15	29	44
<b>Total Governor's Recommendations</b>	<b>5,324</b>	<b>5,163</b>	<b>5,177</b>	<b>10,340</b>
<b>Fund: 2403 - Gift</b>				
<b>Planned Spending</b>	<b>2,880</b>	<b>1,678</b>	<b>1,678</b>	<b>3,356</b>
<b>Forecast Base</b>	<b>2,880</b>	<b>1,678</b>	<b>1,678</b>	<b>3,356</b>
<b>Total Governor's Recommendations</b>	<b>2,880</b>	<b>1,678</b>	<b>1,678</b>	<b>3,356</b>

## Natural Resources

## Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Fund: 2801 - Remediation</b>				
Planned Spending	3,518	7,537	7,500	15,037
Forecast Base	3,518	7,537	7,500	15,037
Total Governor's Recommendations	3,518	7,537	7,500	15,037
<b>Fund: 3000 - Federal</b>				
Planned Spending	24,641	31,948	26,850	58,798
Forecast Base	24,641	31,948	26,850	58,798
Total Governor's Recommendations	24,641	31,948	26,850	58,798
<b>Fund: 3800 - Permanent School</b>				
Planned Spending	4	4	4	8
Forecast Base	4	4	4	8
Total Governor's Recommendations	4	4	4	8
<b>Revenue Change Summary</b>				
<b>Dedicated</b>				
<b>Fund: 2000 - Restrict Misc Special Revenue</b>				
Forecast Revenues	14,451	14,367	14,333	28,700
Total Governor's Recommendations	14,451	14,367	14,333	28,700
<b>Fund: 2001 - Other Misc Special Revenue</b>				
Forecast Revenues	135,765	136,488	136,384	272,872
Total Governor's Recommendations	135,765	136,488	136,384	272,872
<b>Fund: 2100 - Water Recreation</b>				
Forecast Revenues	70	70	70	140
Total Governor's Recommendations	70	70	70	140
<b>Fund: 2101 - Snowmobile</b>				
Forecast Revenues	35	35	35	70
Total Governor's Recommendations	35	35	35	70
<b>Fund: 2106 - State Park</b>				
Forecast Revenues	1,710	1,710	1,710	3,420
Total Governor's Recommendations	1,710	1,710	1,710	3,420
<b>Fund: 2115 - Mining Administration Account</b>				

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Forecast Revenues</b>	<b>1,003</b>	<b>612</b>	<b>612</b>	<b>1,224</b>
<b>Total Governor's Recommendations</b>	<b>1,003</b>	<b>612</b>	<b>612</b>	<b>1,224</b>
<b>Fund: 2116 - Cross Country Ski</b>				
<b>Forecast Revenues</b>	<b>279</b>	<b>279</b>	<b>279</b>	<b>558</b>
<b>Change Items</b>				
Cross-Country Ski Pass Fee Increase		70	70	140
<b>Total Governor's Recommendations</b>	<b>279</b>	<b>349</b>	<b>349</b>	<b>698</b>
<b>Fund: 2117 - Natural Resource Misc Statutory</b>				
<b>Forecast Revenues</b>	<b>3,854</b>	<b>3,844</b>	<b>3,944</b>	<b>7,788</b>
<b>Change Items</b>				
Protecting Special Forest Products		2	2	4
<b>Total Governor's Recommendations</b>	<b>3,854</b>	<b>3,846</b>	<b>3,946</b>	<b>7,792</b>
<b>Fund: 2118 - Land Acquisition</b>				
<b>Forecast Revenues</b>	<b>280</b>	<b>219</b>	<b>219</b>	<b>438</b>
<b>Change Items</b>				
Authorize Strategic Land Sales		174		174
<b>Total Governor's Recommendations</b>	<b>280</b>	<b>393</b>	<b>219</b>	<b>612</b>
<b>Fund: 2119 - State Land &amp; Water Conservation</b>				
<b>Forecast Revenues</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>1,600</b>
<b>Total Governor's Recommendations</b>	<b>800</b>	<b>800</b>	<b>800</b>	<b>1,600</b>
<b>Fund: 2200 - Game and Fish (Operations)</b>				
<b>Forecast Revenues</b>	<b>4,750</b>	<b>4,750</b>	<b>4,750</b>	<b>9,500</b>
<b>Total Governor's Recommendations</b>	<b>4,750</b>	<b>4,750</b>	<b>4,750</b>	<b>9,500</b>
<b>Fund: 2201 - Computerized Lic Deer/Bear Mgmt</b>				
<b>Forecast Revenues</b>	<b>1,018</b>	<b>1,018</b>	<b>1,018</b>	<b>2,036</b>
<b>Total Governor's Recommendations</b>	<b>1,018</b>	<b>1,018</b>	<b>1,018</b>	<b>2,036</b>
<b>Fund: 2202 - Deer Habitat Improvement</b>				
<b>Forecast Revenues</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>2,800</b>
<b>Change Items</b>				
Fish and Wildlife Dedicated Deer License Revenue		7,146	7,146	14,292
<b>Total Governor's Recommendations</b>	<b>1,400</b>	<b>8,546</b>	<b>8,546</b>	<b>17,092</b>
<b>Fund: 2203 - Waterfowl Habitat Improvement</b>				

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
Forecast Revenues	575	575	575	1,150
Total Governor's Recommendations	575	575	575	1,150
<b>Fund: 2204 - Trout And Salmon Management</b>				
Forecast Revenues	1,000	1,000	1,000	2,000
Total Governor's Recommendations	1,000	1,000	1,000	2,000
<b>Fund: 2205 - Pheasant Habitat Improvement</b>				
Forecast Revenues	450	450	450	900
Total Governor's Recommendations	450	450	450	900
<b>Fund: 2206 - Wild Rice Management</b>				
Forecast Revenues	40	40	40	80
Total Governor's Recommendations	40	40	40	80
<b>Fund: 2207 - Wildlife Acquisition Surcharge</b>				
Forecast Revenues	1,450	1,425	1,400	2,825
Total Governor's Recommendations	1,450	1,425	1,400	2,825
<b>Fund: 2208 - Wild Turkey Management</b>				
Forecast Revenues	200	200	200	400
Total Governor's Recommendations	200	200	200	400
<b>Fund: 2211 - Walleye Stamp Account</b>				
Forecast Revenues	90	90	90	180
Total Governor's Recommendations	90	90	90	180
<b>Fund: 2213 - Wolf Management &amp; Monitoring</b>				
Forecast Revenues	320	320	320	640
Total Governor's Recommendations	320	320	320	640
<b>Fund: 2401 - Reinvest In Minnesota-Gifts</b>				
Forecast Revenues	225	225	225	450
Total Governor's Recommendations	225	225	225	450
<b>Fund: 2403 - Gift</b>				
Forecast Revenues	1,589	1,615	1,654	3,269
Total Governor's Recommendations	1,589	1,615	1,654	3,269
<b>Fund: 2801 - Remediation</b>				

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
Forecast Revenues	2,537	2,537		2,537
Total Governor's Recommendations	2,537	2,537		2,537
<b>Fund: 3000 - Federal</b>				
Forecast Revenues	24,514	31,948	26,850	58,798
Total Governor's Recommendations	24,514	31,948	26,850	58,798
<b>Fund: 3800 - Permanent School</b>				
Forecast Revenues	23,575	23,311	23,411	46,722
Total Governor's Recommendations	23,575	23,311	23,411	46,722
<b>Non-Dedicated</b>				
<b>Fund: 1000 - General</b>				
Forecast Revenues	725	708	688	1,396
Total Governor's Recommendations	725	708	688	1,396
<b>Fund: 2100 - Water Recreation</b>				
Forecast Revenues	6,968	6,968	6,968	13,936
Change Items				
Increase Boating Registration Fees and Aquatic Invasive Species Surcharge		2,963	2,963	5,926
Total Governor's Recommendations	6,968	9,931	9,931	19,862
<b>Fund: 2101 - Snowmobile</b>				
Forecast Revenues	7,093	7,693	5,793	13,486
Total Governor's Recommendations	7,093	7,693	5,793	13,486
<b>Fund: 2102 - All-Terrain Vehicle</b>				
Forecast Revenues	5,353	5,354	5,353	10,707
Total Governor's Recommendations	5,353	5,354	5,353	10,707
<b>Fund: 2103 - Off-Highway Motorcycle</b>				
Forecast Revenues	131	131	131	262
Total Governor's Recommendations	131	131	131	262
<b>Fund: 2104 - Off-Road Vehicle</b>				
Forecast Revenues	48	48	48	96
Total Governor's Recommendations	48	48	48	96
<b>Fund: 2106 - State Park</b>				

# Natural Resources

# Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
<b>Forecast Revenues</b>	<b>16,605</b>	<b>16,605</b>	<b>16,605</b>	<b>33,210</b>
<b>Total Governor's Recommendations</b>	<b>16,605</b>	<b>16,605</b>	<b>16,605</b>	<b>33,210</b>
<b>Fund: 2107 - State Pks &amp; Trls Lott In Lieu</b>				
<b>Forecast Revenues</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Total Governor's Recommendations</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>Fund: 2111 - Nongame</b>				
<b>Forecast Revenues</b>	<b>951</b>	<b>951</b>	<b>951</b>	<b>1,902</b>
<b>Total Governor's Recommendations</b>	<b>951</b>	<b>951</b>	<b>951</b>	<b>1,902</b>
<b>Fund: 2112 - Invasive Species</b>				
<b>Forecast Revenues</b>	<b>1,347</b>	<b>1,347</b>	<b>1,347</b>	<b>2,694</b>
<b>Change Items</b>				
Increase Boating Registration Fees and Aquatic Invasive Species Surcharge		652	652	1,304
<b>Total Governor's Recommendations</b>	<b>1,347</b>	<b>1,999</b>	<b>1,999</b>	<b>3,998</b>
<b>Fund: 2113 - Forest Management Investment</b>				
<b>Forecast Revenues</b>	<b>3,996</b>	<b>3,791</b>	<b>3,781</b>	<b>7,572</b>
<b>Total Governor's Recommendations</b>	<b>3,996</b>	<b>3,791</b>	<b>3,781</b>	<b>7,572</b>
<b>Fund: 2114 - Mineral Management</b>				
<b>Forecast Revenues</b>	<b>4,439</b>	<b>3,308</b>	<b>3,308</b>	<b>6,616</b>
<b>Total Governor's Recommendations</b>	<b>4,439</b>	<b>3,308</b>	<b>3,308</b>	<b>6,616</b>
<b>Fund: 2119 - State Land &amp; Water Conservation</b>				
<b>Forecast Revenues</b>	<b>201</b>	<b>201</b>	<b>201</b>	<b>402</b>
<b>Total Governor's Recommendations</b>	<b>201</b>	<b>201</b>	<b>201</b>	<b>402</b>
<b>Fund: 2120 - Water Management Account</b>				
<b>Forecast Revenues</b>	<b>5,049</b>	<b>5,049</b>	<b>5,049</b>	<b>10,098</b>
<b>Change Items</b>				
Protecting Our Public Waters		358	358	716
<b>Total Governor's Recommendations</b>	<b>5,049</b>	<b>5,407</b>	<b>5,407</b>	<b>10,814</b>
<b>Fund: 2200 - Game and Fish (Operations)</b>				
<b>Forecast Revenues</b>	<b>92,681</b>	<b>92,166</b>	<b>92,106</b>	<b>184,272</b>
<b>Change Items</b>				
Sustaining Minnesota's White-Tailed Deer		681	681	1,362
Fish and Wildlife Dedicated Deer License Revenue		(7,146)	(7,146)	(14,292)

## Natural Resources

## Agency Change Summary

(Dollars in Thousands)

	FY19	FY20	FY21	Biennium 2020-21
Total Governor's Recommendations	92,681	85,701	85,641	171,342
<b>Fund: 2209 - Heritage Enhancement</b>				
Forecast Revenues	2	18	2	20
Total Governor's Recommendations	2	18	2	20
<b>Fund: 2210 - Lifetime Fish &amp; Wildlife Trust</b>				
Forecast Revenues	795	765	742	1,507
Total Governor's Recommendations	795	765	742	1,507

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Operating Adjustment

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	1,854	2,965	3,001	3,001
Other Funds				
Expenditures	3,905	7,147	7,368	7,368
Net Fiscal Impact = (Expenditures – Revenues)	5,759	10,112	10,369	10,369
FTEs	48	95	95	95

#### Recommendation:

The Governor recommends additional funding of \$5.759 million in FY 2020, \$10.112 million in FY 2021, and \$10.369 million thereafter to maintain the current level of service delivery at the Department of Natural Resources (DNR). This accounts for known increases of 2 percent in current projected compensation for DNR and anticipated MNIT increased rates of \$1.1 million annually. Please note that the compensation calculations for FY22-23 account for known growth on increases from the pension reform enacted in the 2018 legislative session.

#### Rationale/Background:

Each year, the cost of doing business rises—employer-paid health care contributions, FICA and Medicare, along with other salary and compensation-related costs increase. Other operating costs, like rent and lease, fuel and utilities, and IT and legal services also grow. This cost growth puts pressure on agency operating budgets that typically remain flat from year to year.

For the DNR, known cost increases include current contract compensation that are projected to add an additional 2 percent per year to our compensation needs for the 2020-21 biennium. This is a \$4.659 million increase in FY 2020, a \$9.012 million increase in FY 2021, and a \$9.269 million increase in FY22 and thereafter in the direct appropriated funds. The \$257,000 increase in FY22 is due to pension reform passed in the 2018 legislative session, which increases employer contributions through FY23 for the DNR's Enforcement division. (This proposal reflects 2 percent known growth of that obligation.)

In addition, MNIT projections for information technology services for the DNR show an estimated increase of \$1.1 million per year. In the FY20-21 Biennium, DNR will transition from a local to an enterprise service delivery model for workstation management (laptop/desktop computer support and refresh) and service/help desk support. Regular replacement of workstations will be included as part of the service rate, in order to ensure the security and supportability of state agency computers. The agency will also transition to the enterprise service/help desk, which provides 24/7 support to agency staff. In addition, for the FY20-21 biennium, DNR's portion of MNIT administrative overhead expenses is projected to increase. MNIT overhead expenses include HR, finance, procurement, enterprise project management, and security activities. These expenses are allocated to agencies based on their total IT spend and total number of dedicated MNIT staff as of fiscal year 2017.

Agencies face challenging decisions to manage these costs within existing budgets, while maintaining the services Minnesotans expect. From year to year, agencies find ways to become more efficient with existing resources. However, cost growth typically outstrips efficiencies, and without additional resources added to agency budgets, service delivery erodes. For the DNR, an erosion of services includes lower fish and wildlife monitoring, fewer conservation officers, fewer AIS inspections, slower permit reviews, reduced trail maintenance, additional



deferred maintenance on the DNR infrastructure, reduced field work on DNR lands, shorter parks seasons and reduced customer service at state parks.

**Proposal:**

The Governor recommends increasing agency operating budgets to maintain the delivery of current services. For the DNR, this funding will cover known employee compensation growth of 2 percent. This proposal impacts all of our direct appropriated funds in the following amounts. These funds either have sufficient resources to fund this proposal or the Governor recommended a fee increase adequate to support this proposal.

The annual increase of \$1.1 million in projected MN.IT costs is driven by three primary factors: 1) the transition from DNR's desktop support program to MN.IT Enterprises Workstation Support services and rates; 2) the transition to Enterprise rates for software (Microsoft Suite and Security oversight services); and 3) estimated increases for MN.IT central administration.

<b>Fund/Account Name</b>	<b>FY20</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>
General Fund	1,854	2,965	3,001	3,001
Water Recreation Account	281	544	568	568
Snowmobile Account	107	208	220	220
All-Terrain Vehicle (ATV) Account	104	201	217	217
Off-Highway Motorcycle (OHM) Account	5	10	11	11
Off-Road Vehicle (ORV) Account	8	16	17	17
State Park Account	307	592	593	593
State Parks Lottery in Lieu (LIL) Account	98	189	189	189
Nongame Account	15	29	29	29
Aquatic Invasive Species (AIS) Account	51	100	100	100
Forest Management and Investment Account (FMIA)	287	554	554	554
Minerals Management Account (MMA)	54	105	105	105
Cross Country Ski Account	1	2	2	2
State Land and Water Conversation (LAWCON)	4	7	7	7
Water Management Account	93	180	180	180
Game and Fish Operations Account	2,295	4,033	4,198	4,198
Heritage Enhancement Account	191	368	368	368
Remediation Fund	1	3	4	4
Permanent School Fund	3	6	6	6
<b>Total</b>	<b>5,759</b>	<b>10,112</b>	<b>10,369</b>	<b>10,369</b>

**IT Related Proposals:**

No IT impact.

**Results:**

This proposal is intended to allow agencies to continue to provide current levels of service and information to the public.

**Statutory Change(s):**

N.A.

## Department of Natural Resources

### FY 20-21 Biennial Budget Change Item

#### Change Item Title: Legal Costs

Fiscal Impact (\$000s)	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
General Fund					
Expenditures (DNR)	(500)	2,137	2,290	0	0
Transfer Out (DNR)		720	918	0	0
Transfer In (MPCA)		720	918	0	0
Expenditures (MPCA)		720	918	0	0
Revenues		0	0	0	0
Other Funds					
Expenditures		0	0	0	0
Revenues		0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	(500)	2,857	3,208	0	0
FTEs		1.0	1.0	0	0

#### Recommendation:

The Governor recommends that the Department of Natural Resources (DNR) and the Minnesota Pollution Control Agency (MPCA) be appropriated \$6.065 million in FY20-21 from the General Fund (\$2.857 million in FY20 and \$3.208 million in FY21) for the legal support costs they will incur to defend the agencies' decisions in contested proceedings. Supplemental funding gives the agencies the ability to defend their environmental and natural resources decisions whether in federal or state court, contested case hearings, mediation and other venues without imposing undue hardship on existing division budgets. This proposal also extends the availability of \$500,000 in funds provided for this purpose in the 2016 session.

#### Rationale/Background:

DNR's mission is to work with citizens to conserve and manage the state's natural resources, to provide outdoor recreation opportunities, and to provide for commercial uses of natural resources in a way that creates a sustainable quality of life. This mission brings together diverse constituencies who may disagree with DNR's decisions. The MPCA's mission is to protect and improve the environment and enhance human health. DNR and MPCA's natural resources and environmental regulatory, permit, leasing, or other types of decisions can be, and often are, challenged through either contested case or judicial proceedings. The cost of defending these decisions can be significant.

DNR and the MPCA will have difficulty adequately defending the legal challenges to the state's decisions without sufficient resources. Costs associated with the NorthMet project include outside legal counsel, staff and in-house counsel, records management, and related expenses. DNR is involved in several other large pieces of litigation, and anticipates being challenged on a number of complex water and mining decisions over the biennium. Costs associated with defending these agency decisions include in-house counsel costs, Attorney General's Office fees, Office of Administrative Hearings costs, and other defense preparation. In these cases, the DNR anticipates its decisions will be challenged regardless of the decision.

DNR and the MPCA are increasingly dependent on dedicated funding sources from the state – the agencies' share of General Fund as a part of the budget continues to diminish. DNR and MPCA do not have the ability to seek reimbursement of attorney's fees or other litigation costs from project proponents, plaintiffs or defendants except in very rare cases. Not defending the agency decision is not an option. This means that the DNR and MPCA

must seek additional resources from the Legislature or reduce/eliminate program funding in order to cover these costs.

Providing special appropriations for these large and unexpected legal costs has precedent. An example is an appropriation that the Legislature provided to defend the 1837 Treaty Rights lawsuit that was eventually heard by the U.S. Supreme Court in the 1990s. More recently, the Legislature appropriated \$750,000 to the DNR in ML 2015, 1st Special Session (\$300,000 in FY16 and \$450,000 in FY17) for legal costs related to water management that is available until June 30, 2018.

Laws of Minnesota 2016 appropriated \$4.4 million to the DNR that was split between both agencies (DNR - \$3.233 million and MPCA - \$1.167 million) related to NorthMet mining legal costs with funds available until June 30, 2019. DNR and MPCA are seeking a two-year extension to this appropriation, through June 30, 2021. Laws of Minnesota 2017 appropriated \$1.965 million to DNR and MPCA for legal costs (DNR - \$1.483 million and MPCA - \$0.482 million). The 2016 appropriation extension and 2017 appropriation amount are both factored into this FY20-21 request.

**Proposal:**

This request is for \$6.065 million (\$2.857 million in FY20 and \$3.208 million in FY21) for anticipated legal support costs in the next biennium above and beyond the current appropriations. This recommendation is based on the agencies' recent cost experience. Of this amount, \$720,000 in FY20 and \$918,000 in FY21 would transfer from DNR to MPCA for their legal support needs.

The majority of the funding would go toward the attorney general's office, contracted legal support, and other litigation related costs over the next two years. It also funds one position at DNR in FY20-21 to provide in-house legal counsel and related legal services to support the agency on the anticipated legal proceedings.

In addition to the requested amount, DNR and MPCA seek a two-year extension (through FY21) of a 2016 appropriation for legal costs related to the NorthMet mining project. This appropriation is in Laws of Minnesota 2016, Chapter 189, Article 3, Section 3, Subdivision 8 and currently expires at the end of FY19. This proposal anticipates up to \$500,000 to carryforward from FY19 to FY20.

**Equity and Inclusion:**

This proposal is not submitted in order to reduce or eliminate social disparities or inequities.

**IT Related Proposals:**

Not applicable

**Results:**

Strong legal team to support the agencies on legal challenges relating to Polymet, White Bear Lake, Fargo-Moorhead Diversion, and other work.

<i>Type of Measure</i>	<i>Name of Measure</i>	<i>Previous</i>	<i>Current</i>	<i>Dates</i>
Quality	Funding Integrity – other General Fund resources are not directed away from DNR or MPCA program priorities for this work	\$300,000 General Fund appropriation – FY16  \$1,599,000 General Fund appropriation – FY16	\$450,000 General Fund appropriation – FY17  \$2,801,000 General Fund appropriation FY17 \$1,965,000 General Fund	June 30, 2017  June 30, 2019  June 30, 2021
Results	Agency Decision – agency decisions are robustly defended			

**Statutory Change(s):**

NA

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Increase Boating Registration Fees and Aquatic Invasive Species Surcharge

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
Water Recreation Account (2100)				
Expenditures	2,392	2,392	2,392	2,392
Revenues	2,963	2,963	2,963	2,963
Invasive Species Account (2112)				
Expenditures	100	100	100	100
Revenues	652	652	652	652
Net Fiscal Impact = (Expenditures – Revenues)	(1,123)	(1,123)	(1,123)	(1,123)
FTEs	9.5	9.5	9.5	9.5

#### Recommendation:

The Governor recommends increasing boat license fees to generate \$2.963 million in revenue to fund critical investments of \$2.392 million annually in Minnesota's water recreation facilities and services. These investments include operations and maintenance of public water access sites and state water trails (\$542,000), increasing boating access site rehabilitation (\$800,000), boating and water safety enforcement (\$550,000), and water protection and land use activities (\$500,000). This revenue also funds the Governor's proposed operating adjustment, which is reflected on a different change page.

The Governor also recommends increasing the Aquatic Invasive Species (AIS) Surcharge from \$5 to \$7.25, adding approximately \$652,000 annually to the Invasive Species Account. This increase funds a partial restoration of aquatic plant management grants (\$350,000 per year) and provides new funding for responding to new invasive species such as starry stonewort (\$100,000 per year).

#### Rationale/Background:

Minnesota is renowned for its abundant water recreation opportunities. Recreational boating is a \$5.5 billion economic engine in Minnesota that relies on public water access infrastructure to serve boaters, paddlers, anglers, and industries. There are 826,000 boats registered in Minnesota, and this number has held steady in recent years. Minnesota leads the nation in the number of boats per capita with one boat for every six people. Boat license fees have not increased since 2006. Prior to 2006, registration fees for boats less than 17 feet in length and all canoes and kayaks had not increased since 1981. Fees for other watercraft increased in 2000.

The Water Recreation Account is a dedicated account in the Natural Resources Fund that directly supports boaters, paddlers, anglers, riparian residents and businesses with facilities, services, and programs across multiple DNR divisions.

- Parks and Trails manages approximately 1,500 public water access sites on Minnesota's lakes and rivers. Boaters want enhanced facilities, including longer, wider launch ramps; boarding and tie-up docks; restrooms; accessibility improvements; AIS boat cleaning areas; and storm water management. The division also maintains a 4,500-mile water trail system on 34 designated rivers and Lake Superior. Paddlers want waterways free of obstructions with well-maintained rest areas, campsites, and portages.
- Enforcement provides boat and water safety enforcement, outreach and training as well as financial grants to 72 sheriff's offices for boating patrol hours and emergency response efforts. That amount has been consistent at \$1.082 million since 1980. Enforcement conservation officers and sheriff's offices work both collaboratively and independently to patrol waterways, enforce boating laws and provide education aimed at reducing boating-related accidents and injuries and increasing safety and enjoyment.

- Ecological and Water Resources manages public water protection activities through public water work permits. They also collect and monitor stream-flow data for flood warnings and paddling conditions.
- Fish and Wildlife manages the aquatic plant management program through permitting and develops fish management plans that include winter aeration systems.

The Invasive Species Account is a dedicated account used to prevent the introduction of new invasive species to Minnesota, prevent the spread of invasive species within Minnesota and to reduce the impacts caused by invasive species to Minnesota's ecology, society and economy. The funds currently come from a \$5 surcharge on each 3-year boat license, a \$5 fee on each non-resident fishing license and \$750,000 transfer from the water recreation account.

The AIS watercraft surcharge started in Minnesota in 1990 when the legislature authorized a \$2 surcharge on a three-year watercraft registration for purple loosestrife and Eurasian watermilfoil programs. The scope of the surcharge expanded in its early days and the \$5 surcharge on a three-year watercraft registration has been in place since 1993.

AIS cause serious economic, recreational and environmental harm. Minnesota leads Midwestern states in preventing the spread of AIS, largely due to the effectiveness of the DNR's Invasive Species Program.

- Ecological and Water Resources provide watercraft inspectors, local unit of government assistance and inspector training, invasive carp monitoring, aquatic invasive species prevention and management, and assistance to local units of governments and lake associations in the control of invasive aquatic plants;
- Enforcement detects and responds to AIS violations.

### **Proposal:**

This proposal increases watercraft registration fees and the AIS surcharge starting January 1, 2020, and would annually generate an estimated \$2.963 million for the water recreation account and \$652,000 for the Aquatic Invasive Species Account.

The new revenue from this proposal 1) addresses the structural deficit in the fund balance of both accounts, 2) funds the Governor's proposed operating adjustment, and 3) makes critical annual investments of \$2.392 million in the Water Recreation Account and \$200,000 in the Aquatic Invasive Species Account.

### **Water Recreation Account**

- Supporting the continued operation and maintenance of the boat access and water trail systems for user safety and enjoyment (\$542,000).
- Increasing boating access site rehabilitation in collaboration with local government unit partners (\$800,000), by:
  - Upgrading facilities to American with Disabilities Act (ADA) design standards;
  - Helping to prevent the spread of aquatic invasive species by adding clean in, clean out areas;
  - Incorporating resilient infrastructure and native vegetation with best management practices for storm water runoff, erosion control, and shoreline buffer areas;
- Increasing capacity for DNR enforcement to conduct boating and water safety education, enforcement, outreach and training, with the goal of reducing accidents and injuries (\$450,000);
- Increase grants to local sheriff offices annually to reimburse for search and rescue efforts (\$100,000); and
- Partially supporting public water protection and land use programs (\$500,000).

### **Aquatic Invasive Species Account**

- Restoring grants for management of invasive aquatic plants (\$350,000 reflects ability to spend at current appropriated level); and
- Supporting emergency efforts to restore habitat and native species to waterbodies degraded by Starry Stonewort and Zebra Mussels (\$100,000).

## Watercraft Registration and Aquatic Invasive Species Surcharge Increase Proposal

Type of Watercraft	Current License Fee	Proposed License Fee	Proposed AIS Surcharge	*Total 3-year Fee
Watercraft owned by a non-profit organization (scout/youth camps, YMCA)	\$4.50	\$5.75	\$7.25	\$17.50
Sailboats up to 19 ft.	\$10.50	\$15.25	\$7.25	\$27.00
Rental or Lease watercraft up to 19 ft.	\$9.00	\$11.25	\$7.25	\$23.00
Rental or Lease Personal Watercraft	\$37.50	\$47.00	\$7.25	\$58.75
Non-Motorized (over 10 ft.)	\$10.50	\$15.25	\$7.25	\$27.00
Personal Watercraft (Jet Skis)	\$37.50	\$54.50	\$7.25	\$66.25
Pleasure craft less than 17 ft.	\$18.00	\$26.00	\$7.25	\$37.75
Pleasure craft 17 ft. up to 19 ft.	\$27.00	\$39.25	\$7.25	\$51.00
Pleasure craft 19 ft. to less than 26 ft.	\$45.00	\$65.25	\$7.25	\$77.00
Pleasure craft 26 ft. to less than 40 ft.	\$67.50	\$98.00	\$7.25	\$109.75
Pleasure craft 40 ft. in length and over	\$90.00	\$130.50	\$7.25	\$142.25
Dealer's License	\$67.50	\$98.00	\$7.25	\$109.75
Watercraft over 19 ft. in length for hire with operator	\$75.00	\$108.75	\$7.25	\$120.50

\*Total includes \$4.50 issuing fee (issuing fees vary by transaction)

### Equity and Inclusion:

This proposal supports inclusiveness and welcomes all people to enjoy Minnesota's abundant water recreation opportunities. All users benefit from better-designed boat access facilities and increased boating and water safety services. The resulting revenue increase will help reduce disparities for boaters and paddlers with disabilities by making improvements to boat access facilities, including pathways, boarding docks and restrooms, and will create the largest positive impact for aging users and those with mobility challenges.

### IT Related Proposals:

This proposal does not have an IT-related component.

### Results:

- Continue to improve boating access facilities so they are safe, efficient and resilient with a target of 15-30 sites/year rehabilitated and best management practices applied.
- Continue to maintain boat access sites and state water trail system for user safety and satisfaction.
- Increase grants by 25% to county sheriff boating patrols for enforcement and education of boating laws, increase available reimbursement for search and rescue efforts, and provide boating safety training to more people with a goal to decrease the number of boating accidents and deaths to zero.
- Reinstate Invasive Aquatic Plant management grants.
- Support emergency response efforts for new invasive species.

### Statutory Change(s):

M.S. 86B.415 Watercraft License Fees (AIS Surcharge is authorized in subdivision 7).

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Sustaining Minnesota's White-Tailed Deer

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	2,410	2,160	1,100	1,100
Revenues	0	0	0	0
Game and Fish				
Expenditures	908	908	908	908
Revenues	681	681	681	681
Net Fiscal Impact = (Expenditures – Revenues)	2,637	2,387	1,327	1,327
<b>FTEs</b>	<b>18.7</b>	<b>14.7</b>	<b>11.1</b>	<b>11.1</b>

#### Recommendation:

The Governor recommends \$2.637 million in FY20 and \$2.387 million in FY21 (\$1.327 million thereafter) to benefit deer health and deer management in Minnesota by addressing 1) funding needs related to chronic wasting disease (CWD) surveillance and response and 2) recommendations made by the Office of the Legislative Auditor (OLA) in a recent evaluation of the Department of Natural Resources' (DNR) deer management program. This proposal provides \$2.41 million in FY20, \$2.16 million in FY21, and \$1.1 million annually thereafter from the General Fund for an urgent disease response. Additionally, it invests \$908,000 annually from the Game and Fish Fund for new deer research, which generates a 75 percent federal match of \$681,000 each year. This request is equivalent to a 3.8 percent increase to the FY2020 Fish and Wildlife budget, reduced to 3.4 percent increase in FY2021.

#### Rationale/Background:

Since the discovery of CWD-positive wild deer in Fillmore County during the 2016 deer season, DNR has been implementing its CWD response plan. Activities conducted under the plan include an aerial survey of the area to assess deer numbers, establishment of a management zone with mandatory collection of additional samples, special hunts and landowner shooting permits, deer feeding bans, and carcass movement restrictions. Additionally, CWD was confirmed in three private captive cervid farms in the past two years. Although cervid farms are regulated by the Board of Animal Health, when a disease is detected in farmed deer, DNR samples hunter-harvested deer around the positive farms for three consecutive years to determine if CWD is present in wild deer. The three-year time frame is reset if additional captive deer test positive for CWD. Providing General Fund support to these activities addresses a policy concern of placing the sole responsibility for funding these activities on hunting and angling license buyers.

The OLA and deer stakeholders alike have recommended DNR work to refine its deer population model and improve transparency of deer management decisions. To facilitate these enhancements, DNR has identified critical research needs related to fawn survival, habitat use, deer movement, and genetic relatedness.

#### Proposal:

**Activity 1. Chronic Wasting Disease (CWD) Response and Enforcement.** This request provides \$2.41 million in FY20 and \$2.16 million FY21 for known and anticipated needs for surveillance and response related to disease outbreak detections in wild and captive deer. As of February 2, 2019, testing in Fillmore County has confirmed CWD in 34 wild deer: 11 during the 2016-17 surveillance and response, six in 2017-18, and 17 so far in 2018-19. Two additional wild deer have tested or are suspect positive for CWD, one each in Houston (fall 2018) and Winona (February 2019) counties. The best opportunity to eradicate CWD from wild deer (e.g., Pine Island, 2011) requires



an aggressive response to reduce deer densities and test as many deer as possible for the disease. “Passive” management by other states (e.g., Wisconsin) has resulted in CWD infection rates exceeding 40 percent in some areas. Where there is a known risk such as a positive Cervidae farm, testing wild deer is imperative to 1) confirm the disease is not present in wild deer and 2) reduce deer densities and minimize the risk of spread, if it is. Currently, Minnesota has three captive cervid farms where surveillance is necessary (Crow Wing, Meeker, and Winona counties).

Testing is required for three consecutive years with no positive tests because of the prolonged period between infection and disease. Based on current information about the prevalence of CWD in Minnesota, hunter-harvested deer will be tested for CWD in Meeker County in FY 2020 since no positives were found in FY 2018 or FY 2019. Hunter harvested deer will be sampled in Deer Permit Area 603 and around the Winona County farm in FY 2019-2021. DNR has sampled more than 5,400 deer in 2018-19 across the five locations with more samples expected.

This request includes two Conservation Officer positions (2 FTE, \$350,000 in FY20 and \$700,000 in FY21) over three years to work with DNR wildlife staff and the Board of Animal Health when there is reasonable suspicion that laws protecting native wild animals have been violated. This work includes inspecting fences and documenting violations of fencing requirements, carcass importation enforcement, responding to escaped cervids, and other CWD related enforcement activities. The request also includes increased landowner outreach related to CWD (1 FTE, \$120,000 in FY20 and \$240,000 in FY21) also over the three years. USDA Wildlife contracted services total \$500,000 (\$380,000 in FY20 and \$120,000 in FY21).

Currently, disease responses are paid for with Game and Fish funds, either appropriated to the agency or from the Emergency Deer Feeding and Wild Cervid Health Account (M.S. 97A.075, subd. 1d). Fifty cents of every deer license is deposited into the cervid health/deer feeding account, which is approximately \$300,000 per year. With increased CWD prevalence in captive and wild deer, available funds are insufficient to support the anticipated response. Without this initiative, resources will be diverted from other work, resulting in reduced services related to public land and water management, public-use facilities, habitat improvement projects, and assisting landowners with wildlife damage problems. Costs associated with this activity in FY 20 include 13.7 FTE; 10.7 FTE at a cost of \$118,000/FTE. The lab analysis and associated fleet costs are \$297,000 per year. Current anticipated costs in the out years are \$1.1million.

**Activity 2. Deer research projects that address and implement OLA recommendations and deer plan objectives-novel research to refine deer management.** As part of the 2016 deer program evaluation, the OLA recommended that DNR “improve its resources for estimating deer populations; specifically, DNR should conduct field research to collect and utilize more information about Minnesota’s deer, and to validate DNR deer population estimates.” To address this recommendation, DNR will use GPS collars on fawns and adult deer to:

- Assess seasonal fawn survival and seasonal movement of deer to ensure appropriate scales are used for population estimates from harvest and observational (i.e., aerial and roadside survey) models.
- Obtain deer location data to improve understanding of fine-scale habitat use and inform habitat management in northern Minnesota.
- Document deer dispersal patterns in southeast Minnesota and estimate movements of yearlings and adults to inform CWD surveillance and management.

Additionally, DNR will undertake research to analyze the genetic relatedness of all deer harvested (positive and non-positive) from the areas where CWD positive deer have been confirmed. This will enable DNR to better understand from where infection is originating and how it may be spread.

Finally, DNR needs an FTE to coordinate and manage datasets and online applications related to white-tailed deer research and management to address the need to improve data management practices, along with the public’s expectation that data be more accessible. Software applications designed through this activity will address internal and public information needs.

Costs associated with GPS and genetic activities include a combination of 4 temporary employees (.5 FTE) estimated at \$59,000 each, 2 graduate students (.5 FTE) estimated at \$45,000 each, and 1 FTE at a rate of \$125,000 to coordinate and manage datasets and online applications related to white-tailed deer research and management. Additional supplies and services include: radio collars for \$181,000 per year, contracted helicopter services for \$120,000 per year, and employee travel and fleet related costs of \$130,000 per year. Costs associated with anticipated MNIT service needs are \$26,000 per year.

#### Equity and Inclusion:

This proposed budget initiative will not impact and is not submitted to reduce or eliminate any disparities for racial and ethnic groups, lesbian, gay, bisexual and transgender groups, persons with disabilities and veterans. We anticipate no impacts (positive or negative) on these groups.

#### IT Related Proposals:

This proposal requires business analysis and database design services. This also incorporates associated maintenance costs.

<b>Category</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
Payroll						
Professional/Technical Contracts						
Infrastructure						
Hardware						
Software						
Training						
Enterprise Services						
Staff costs (MNIT or agency)	26	26	26	26	26	26
<b>Total</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>26</b>
MNIT FTEs						
Agency FTEs						

#### Results:

<b>Type of Measure</b>	<b>Name of Measure</b>	<b>Previous</b>	<b>Current</b>	<b>Dates</b>
Quantity	CWD wild deer tests	50,000	30,000	2017-2020
Quality	Animals tested positive (goal is zero)	1, Pine Island	17 Preston	2011 2016-2017
Results	Deer health- Pine Island	One CWD infection	None	2011-2014
Results	Deer health- Fillmore County	11 CWD infections	6 CWD infections	2016-2017
Quality	Deer modeling and Deer Information		Address OLA concerns	2019-

#### Statutory Change(s):

NA

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Minnesota Forest Management

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures				
Revenues				
Other Funds				
Expenditures	1,000	1,000	1,000	1,000
Revenues				
Net Fiscal Impact = (Expenditures – Revenues)	1,000	1,000	1,000	1,000
FTEs	9	9	9	9

#### Recommendation:

The Governor recommends \$1 million annually from the Forest Management Investment Account to implement the sustainable timber harvest target to increase the economic, social, and environmental benefits gained from healthy and resilient forests. This proposal increases the Division of Forestry's appropriation from Forest Management Investment Account (FMIA) by seven percent.

#### Rationale/Background:

In March 2018, the Department of Natural Resources (DNR) set a new 10-year sustainable timber target to offer 870,000 cords for sale each year from DNR-managed forest lands (including acquired, consolidated conservation, and school trust lands). Previously, the timber target was 800,000 cords offered for sale each year. The decision came after more than a year of rigorous scientific analysis, public input, and discussions with key partners in conservation organizations and forest industry. Beyond the 870,000 cords, DNR also launched a special five-year initiative to offer up to 30,000 additional cords of ash and tamarack each year in response to threats posed by emerald ash borer and eastern larch beetle, two invasive species that kill ash and tamarack trees. The combined increase of 100,000 cords offered for sale will require at least nine additional foresters to appraise and sell timber, monitor harvests, and oversee site reforestation. The DNR will reach the new higher sustainable timber target beginning in FY19 and continuing beyond. DNR is temporarily shifting resources away from other work priorities to meet the new target in FY19. However, this approach cannot be maintained without new dedicated funding for additional staff.

#### Proposal:

This proposal provides initial critical investments needed to reach the DNR's new sustainable timber target to offer 870,000 cords and an additional 30,000 cords of ash and tamarack for sale annually. Current staffing levels support offering 800,000 cords of timber annually. The new timber target requires at least nine additional foresters to appraise and sell timber, monitor harvests, and oversee site reforestation, including work on school trust lands. New foresters are needed to manage school trusts lands as described by state statute and constitution. School trust lands will provide approximately half of the additional 100,000 cords offered for sale each year.

DNR forest management carefully balances multiple objectives to support wildlife, maintain clean water and air, provide recreation opportunities, sustain biodiversity, and provide a reliable source wood for Minnesota's forest products industry.

**Equity and Inclusion:**

This proposal will not impact and is not submitted to reduce or eliminate any disparities for racial and ethnic groups, lesbian, gay, bisexual, and transgender people, persons with disabilities, or veterans. We anticipate no impacts (positive or negative) on these groups.

**IT Related Proposals:**

There is no additional IT component to this proposal.

**Results:**

<i>Type of Measure</i>	<i>Name of Measure</i>	<i>Previous</i>	<i>FY2018</i>	<i>FY2021</i>
Quantity	Cords of timber offered for sale annually from DNR-managed forest lands	800,000	900,000*	900,000

\* As a temporary measure in FY17-18, the Governor redirected staff efforts from other programs to support offering 900,000 cords.

**Statutory Change(s):**

N/A.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Protecting DNR applications

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	1,411	1,391	1,361	1,361
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	1,411	1,391	1,361	1,361
FTEs	0	0	0	0

#### Recommendation:

The Governor recommends \$2.802 million in FY20-21 and \$1.361 annually thereafter to improve security for business systems serving customers by establishing a continuous improvement program to keep the Department of Natural Resources (DNR) business systems and associated computing infrastructure up to date and protected from cyberattack. This funding augments existing information technology (IT) infrastructure staff with a team dedicated to keeping the agency computing systems up to date.

#### Rationale/Background:

MNIT and DNR are working together to improve the protection of sensitive DNR information assets against unauthorized access and cyber-attacks. It is the agency's responsibility to protect our applications and our customers' information. DNR delivers services using information systems including the Minnesota Permitting and Reporting System, Timber Sales, the Electronic License System and many other systems that store non-public data on individuals. In recent years, cyberattacks on organizations such as the DNR have been relentless, with new attack strategies being uncovered every day.

DNR has made progress in improving security in some areas, but have been challenged to provide needed ongoing business system protections. The DNR currently has 170 business applications rated for Business and Technical Health using MNIT's application portfolio guidelines. Of these, 13 percent are in poor technical health (technical health score <25/50), and 45 percent are rated in moderate health (technical health score <30/50). Twenty seven percent of these applications are more than 10 years old.

DNR is vulnerable to criminal and activist organizations because we cannot keep pace with changes in the software used to build business systems. Keeping pace with the "fixes" required to keep current with security improvements takes more resources than we possess. DNR also recognizes that successful cybersecurity strategies of the future will rely increasingly on the transfer of systems to cloud vendor hosting, such as Amazon Web Services (AWS).

This initiative allows staff to hold their ground on system maintenance and information security while providing the ability to be tactical and responsive in protecting our data, files, systems, and customer/citizen web-cloud services. Deferral of this request increases the DNR's risk for compromised systems.

#### Proposal:

This proposal invests \$2.802 million next biennium to establish a continuous improvement program to keep DNR business systems secure and protected from cyberattack by keeping software infrastructure up to date (OS, development, database etc.), developing and maintaining business application security plans, and migrating applications to a cloud-based infrastructure. Currently, DNR business systems are not consistently maintained and protected following development. Unless these technologies are continuously maintained, the systems

become vulnerable to new and emerging cyber threats. This initiative establishes an on-going program to refresh these business systems so that they are protected from attack, have longer business life, operate more efficiently, and are easier to deploy and maintain.

This annual funding provides for IT technical staffing (\$731,000), Software (\$120,000), Cloud Hosting fees (\$510,000) and consulting (\$50,000). Ongoing costs go down as less consulting is needed and technical staffing is adjusted. The ongoing annual need starting in FY22 is \$1.361 million.

This proposal augments existing IT infrastructure staff with a team of five FTE dedicated to keeping the agency computing and web-cloud systems up to date. Team members include an additional Server Administrator, an Application Middleware Services expert, a Programmer, a Security Analyst, and a Senior Technical Architect to plan and direct an on-going series of projects to keep DNR business systems up to date and protected. As technology evolves, we anticipate accelerating migration of services, within the proposed budget, into commercial cloud computing environments that will form the basis for DNR's next generation technology and security strategy.

### Equity and Inclusion:

Everyone wants their data and personal information to be protected. DNR wants to make sure that its business security program ensures no real or perceived barriers to equity and inclusion due to cybercrime.

### IT Related Proposals:

The funding provides staffing resources as well as modern IT technology, including design, integration, hardware and software resources and security controls.

<i><b>Category</b></i>	<i><b>FY 2020</b></i>	<i><b>FY 2021</b></i>	<i><b>FY 2022</b></i>	<i><b>FY 2023</b></i>	<i><b>FY 2024</b></i>	<i><b>FY 2025</b></i>
Professional/Technical Contracts	50	30				
Infrastructure	500	500	500	500	500	500
Software	120	120	120	120	120	120
Training	10	10	10	10	10	10
Enterprise Services						
MNIT Staff costs	731	731	731	731	731	731
<b>Total</b>	<b>1,411</b>	<b>1,391</b>	<b>1,361</b>	<b>1,361</b>	<b>1,361</b>	<b>1,361</b>
MNIT FTEs	5	5	5	5	5	5
Agency FTEs						

**Results:**

<i>Type of Measure</i>	<i>Name of Measure</i>	<i>Previous</i>	<i>Current</i>	<i>Dates</i>
Quality	Average MNIT Application Portfolio Software Technical Score	N/A	28/50	July 2018
Results	Software Architecture will be within one (1) version of the most current release.	N/A	Varies Widely among applications	July 2018
Quantity	The number of applications with Security Plans	0	0	September 2018
Quantity	The number of applications hosted in a cloud service environment	1	1	September 2018

**Statutory Change(s):**

This proposal does not require any statutory changes.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Pineland Sands EIS/Study

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	1,854	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	1,854	0	0	0
<b>FTEs</b>	<b>1.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$1.854 million in onetime appropriations from the General Fund to produce an environmental impact statement (EIS) or a special study on the effects of large-scale land use conversion within the Pineland Sands Area. This investment helps ensure that we have better information about the environmental effects of groundwater withdrawals in this area so that we can make more effective permit decisions and ultimately better protect Minnesota's natural resources.

#### Rationale/Background:

The Department of Natural Resources (DNR) has received a number of new groundwater appropriation permit applications within the Pineland Sands Area, with more requests expected as tracts of land that were formerly managed for timber are sold. Irrigation will be necessary in most if not all years to grow crops in these sandy, well-drained soils. The DNR needs better information about the environmental effects of groundwater withdrawals in the Pineland Sands Area to make more effective permit decisions.

The land overlying the Pineland Sands Aquifer is quickly being converted from jack pine forest to irrigated agriculture. This land use conversion is occurring in several counties. Natural resources affected by this land conversion include ground water for individual domestic and public drinking water supplies, lakes, streams and wetlands, soils, and important native plant and animal species and communities.

Nitrate levels are known to be locally high in shallow ground water in the area and past experience would predict that nitrate levels are likely to increase where nitrogen is used on irrigated sandy soils. The DNR is responsible for knowing how increased use of groundwater where nitrate levels are high will affect the movement and levels of nitrates and other potential contaminants in groundwater.

Citizens have expressed interest and concern about increasing groundwater use and increasing contamination in this area. The DNR has received two citizen petitions for preparation of Environmental Assessment Worksheets to assess the effects of conversion of previously forested land to irrigated agriculture. Also, nitrate contamination in the Pineland Sands Area has received extensive media coverage.

#### Proposal:

This proposal provides one-time funding to produce an generic environmental impact statement (GEIS) or a special study during FY20-FY22. The intended results of this study are to quantify the effects of land use conversion within the Pineland Sands Area and to predict the cumulative effects of large-scale conversion to irrigated agriculture.



The study will be carried out by consultant(s) and managed by DNR. We assume one staff will manage the project, including study design, contracting, data governance and fiscal monitoring. We estimate the full cost of this staff member at \$118,000, which includes but is not limited to salary, fringe, computer, and phone. This employee will work solely on this project for three years for a total cost of \$354,000. Based on our experience with similar large-scale environmental reviews, we assume the external contract will cost \$1.5 million. This proposal appropriates the full costs of the project in the first year and provides carry forward authority through FY23. Although we anticipate that the project will last three years, the ability to use the funding for four years provides additional flexibility that may be needed to ensure we accomplish the intended outcomes.

**Equity and Inclusion:**

This proposed change is not submitted to reduce or eliminate any disparities for racial and ethnic groups, lesbian, gay, bisexual and transgender people, persons with disabilities, or veterans. All persons residing, working, or vacationing in the Pineland Sands area will benefit from clean drinking water maintained through effective permitting.

**Results:**

The results of a special study would provide an understanding of anticipated changes in groundwater flow and groundwater levels that should be anticipated given different amounts of groundwater pumping and types of groundwater use.

**Statutory Change(s):**

No statutory changes are needed.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Protecting Our Public Waters

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	800	800	800	800
Revenues	0	0	0	0
Other Funds				
Expenditures	358	358	358	358
Revenues	358	358	358	358
Net Fiscal Impact = (Expenditures – Revenues)	800	800	800	800
FTEs	10	10	10	10

#### Recommendation:

The Governor recommends investing \$800,000 from the General Fund and \$358,000 from the Water Management Account annually for public water protection work. Additionally, this proposal increases public water permit application fees, because the current fee structure falls far short of the cost of processing these permit applications. The fee increase generates \$358,000 annually and offsets the increased spending in the water management account. This investment adequately funds ten staff that are essential to timely action on permit applications and technical assistance and begins to rebalance the funding mix for a vital public good—surface water.

#### Rationale/Background:

Protecting Minnesota's public waters is critical to maintaining our quality of life. Surface waters are affected by development of transportation infrastructure, expansion of residential and commercial properties, and redevelopment of urban riverfronts, and a range of other activities. The Department of Natural Resources' (DNR) public waters protection program ensures that these kinds of activities can take place while protecting Minnesota's public waters. The more successful the economy, the more public water protection work DNR does.

The Water Management Account has become Minnesota's main funding source for DNR's work to protect Minnesota's public waters. The account supports two programs—both of which are fee-based. This includes the water appropriations program and public waters program. Each year, the DNR receives an appropriation of \$5 million total for both programs from the Water Management Account. The public waters program spends approximately \$2.9 million, (\$2 million from the Water Management Account, augmented by \$900,000 from the General Fund) yet its fees generate less than \$200,000.

There are two primary reasons why the current fee structure does not support public waters protection. First, public water is a public resource and laws allow for reasonable use and access to public waters without the need for a permit. For example, DNR staff regularly assist local governments, individual shoreline owners and others in developing their projects in a way that minimizes impacts to public waters. Often this work helps a project proposer avoid the need for a permit and consequently no fees are received by DNR for this work. Second, for those proposing projects that will have greater impacts and thus require a permit, the public water fees do not effectively balance what should be publicly funded and what should be paid by a permit applicant—especially for larger projects. Current fees range from \$150 to \$1,000, covering only three to 15 hours of work. By contrast, the value of DNR's time spent on a permit can, and usually does, far exceed that.

Because the public waters fees only cover 7 percent of the program's costs and because the DNR prioritizes protecting public waters while assisting project proposers and permit applicants, it has prioritized spending on public waters over other programs for the past few biennia. The implication of this is that many of the state's water programs are operating at a reduced capacity and Minnesota's waters are not as well protected as they should be.

Although this funding imbalance has existed for many years, there is increased urgency to address it. This urgency is driven by underfunding for the public waters program, the particularly low fees, and the crippling effect this underfunding is having on the other water programs from which resources are diverted.

This program faces workforce reductions in the next biennium without increased resources, including dedicated funding from the General Fund. This reduction will result in negative impacts to public waters, reduced technical assistance for landowners and local governments, reduced customer service to project proposers, and failure to meet the 150-day permit decision deadline for public water permits.

### **Proposal:**

Because public waters are a vital public resource, this proposal invests \$800,000 annually from the General Fund to ensure adequate protection of Minnesota's public waters. This provides for costs not associated with a permit application, such as responding to floods and lake level concerns and assisting local governments with water-related land-use decisions.

Additionally, this proposal increases funding from the Water Management Account by \$358,000. This produces a total investment of \$1.158 million annually combined from the General Fund and Water Management Account in protecting our public waters. This provides for 10 staff dedicated to the public waters program. The estimated staff costs covers the full costs of an employee, including but not limited to salary, health insurance, retirement, a computer and phone.

The increased spending in the Water Management Account is offset by increased public water fees.

The General Fund investment prevents this proposal from overburdening public water permit applicants with a significant fee increase. The new fee structure ranges from \$300 to \$3,000, compared to the current range of \$150 to \$1,000. Please note that the proposal keeps notifications under a general permit at \$100. The revenue estimate of \$358,000 per year assumes about 500 permit applications/notifications, based on the DNR's historical experience.

Because other water programs have been subsidizing the public waters program, this investment allows for increased activity in the DNR's other water programs including:

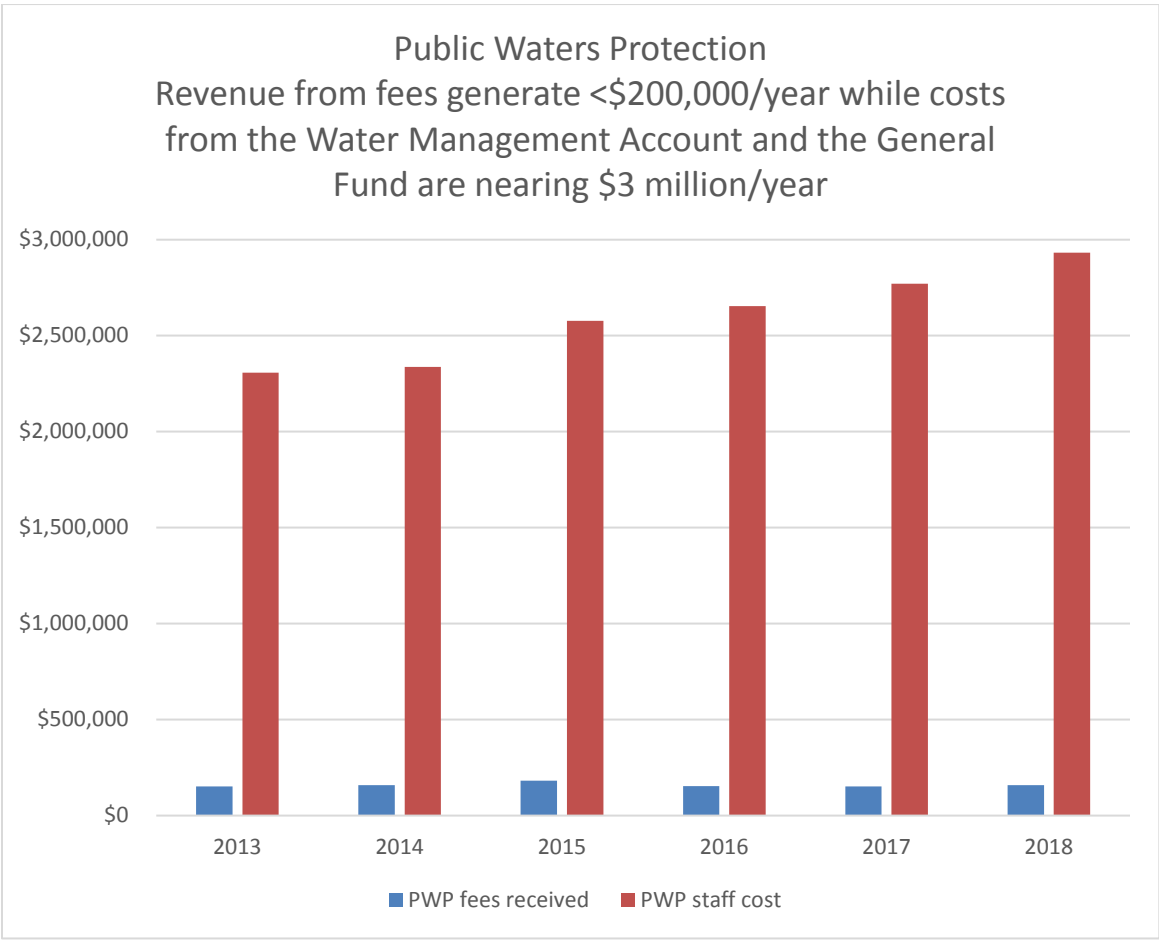
- Responding to floods and lake level concerns;
- Assisting local governments with water-related land-use decisions;
- Providing technical assistance to lake shore owners, landowners, communities, and other state and federal agencies; and
- Reviewing work proposals as required by drainage law.

### **Equity and Inclusion:**

This proposal benefits all water permit applicants' by providing a more efficient and effective evaluation of their project. DNR's public water protection work ensures these natural resources are sustainable for the benefit of all of Minnesota's citizens.

### **IT Related Proposals: N/A**

**Results:**



**Statutory Change(s):**  
M.S. 103G.301

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Address State Trail Maintenance Funding Shortfall

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	1,000	1,000	1,000	1,000
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	1,000	1,000	1,000	1,000
FTEs	4	4	4	4

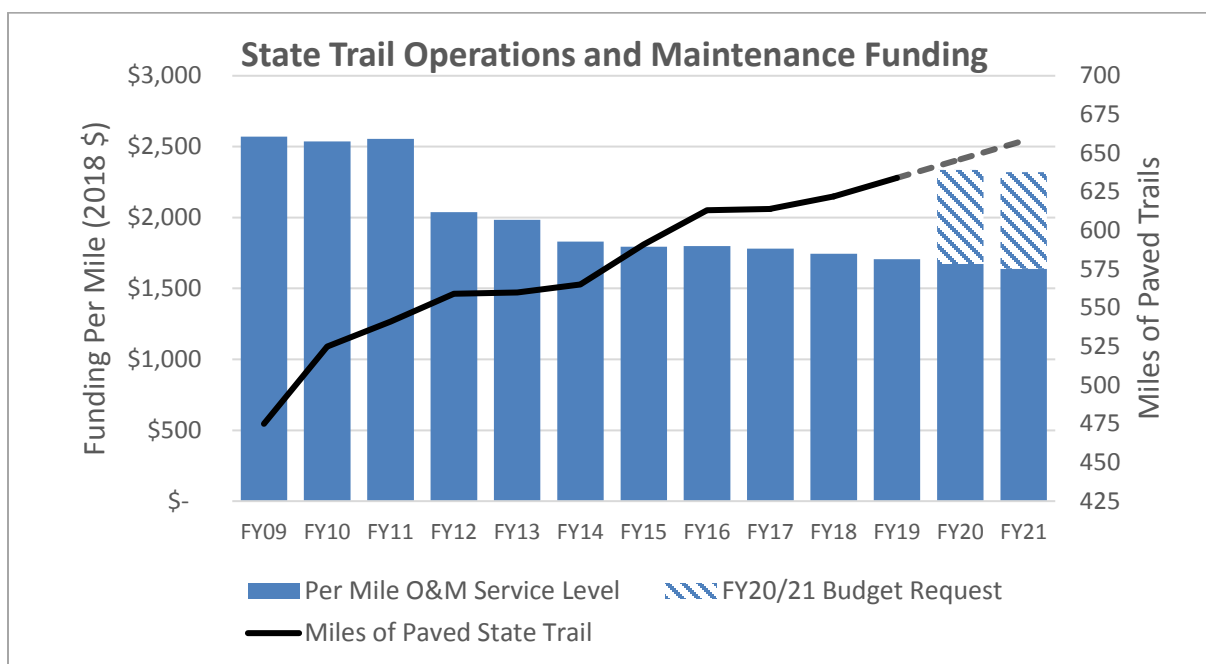
#### Recommendation:

The Governor recommends \$1 million annually starting in FY 2020 for needed state trails operations and maintenance (O&M). State trails are in serious need of O&M funds, which have not kept pace with rising costs and a growing trail system. The Department of Natural Resources has managed this shortfall over the past decade by incorporating efficiencies, such as co-managed state park and state trail units, and developing a state trail system plan to allocate and focus scarce resources. Despite these efficiencies, the agency's capacity to maintain these trails is now stretched to a critical point.

This proposal represents a 1 percent increase in the Division of Parks and Trails' total FY19 operating budget.

#### Rationale/Background:

The public continues to demand new trails throughout the state. Since 2009, DNR has added about 150 miles of paved state trails, while over that same time our maintenance funding has decreased by almost \$900 per mile, from \$2,500/mile to \$1,700/mile. In order to protect the state's investment in state trails, General Funds for O&M are urgently needed for crack sealing and buckling repair; clearing downed trees and weeds on trails; trail surface sweeping, brushing, mowing, signing; and parking lot and trailhead maintenance.



This proposal for \$1 million from the General Fund per year is an investment in ongoing maintenance that ultimately saves the state money in the long-term. Without additional operations and maintenance funding, there will be a continued deterioration of the state trail system, which will impact trail use and visitor satisfaction. Deteriorated trails will add higher long-term costs to the state, such as requiring early trail repaving, higher rehabilitation costs, unmanaged erosion impacts, and vegetation damage to trail surfaces. Trail maintenance is important to preserve the state's investment by extending the useful life of the pavement, which prevents higher and more frequent repair costs.

#### **Proposal:**

This funding invests \$1 million annually to address some of the immediate physical maintenance needs on state trails, including crack sealing, seal coating, shoulder repair, weed removal, and vegetation management in the trail corridor.

Additional activities associated with this request include trailhead maintenance; trail sweeping, brushing, and downed tree removal; vegetation and natural resources management, including invasive species control; signage, mapping, and interpretation; and continued collection of user counts and surveys to help provide for data-driven management of the trail system.

This proposal also provides the opportunity to pursue greater partnerships for managing state trails, such as contracting with local units of government for basic trail maintenance and soliciting and managing volunteers who can assist maintenance staff in support of the trail system.

All of these activities require staff, both seasonal and full time, to keep DNR trails in good condition for visitors; FTEs identified would provide more staff hours to carry out work outlined in the proposal.

#### **Equity and Inclusion:**

State trails provide outstanding outdoor recreation opportunities for everyone with no fees, but in order to keep this recreation open to the public, General Funds for maintenance are urgently needed. Minnesota has a rich tradition of creating open and low-cost access to public lands and recreation opportunities. DNR seeks to continue this strong legacy of providing quality nature-based recreation. Many state trails are accessible and provide a great way to connect people of all abilities to the outdoors. Without this funding, our ability to maintain this important recreation resource impacts trail users. This proposal allows Minnesota to continue providing safe and enjoyable trail recreation for all.

**IT Related Proposals:** This proposal does not include an IT component.

#### **Results:**

This proposal results in more state trail miles being maintained to a higher quality, which based on survey and trail counts both improves trail user satisfaction and the number of people who use the trails. For example, recent peer-reviewed trail count research found more than twice the use on a trail with newer and better-maintained pavement than a nearly identical section of trail in poor condition.

This initiative helps ensure that Minnesotans are healthier, happier, and physically fit; Minnesota's tourism economy continues to thrive; more special places are preserved; and more people are connected to the outdoors. It also helps the state realize lower rehabilitation costs in the future by addressing maintenance needs before they become safety hazards or larger, more-expensive repairs.

<i>Type of Measure</i>	<i>Name of Measure</i>	<i>Previous</i>	<i>Current</i>	<i>Dates</i>
Quantity	Miles of State Trail Maintained	1,249 miles	1,487 miles	2009-2018

<i>Type of Measure</i>	<i>Name of Measure</i>	<i>Previous</i>	<i>Current</i>	<i>Dates</i>
Quality	Maintenance Funding Per Mile of State Trail (in 2018 dollars)	\$2,571/mile	\$1,707/mile	2009-2018
Results	<b>State Trail User Satisfaction Levels:</b> Trail surveys conducted in 2007-2009 found that user satisfaction had declined since the 1990s. Trail maintenance concerns were consistently associated with lower satisfaction.			1990s-2009

**Statutory Change(s):**

This proposal does not include any statute changes.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Cross-Country Ski Pass Fee Increase

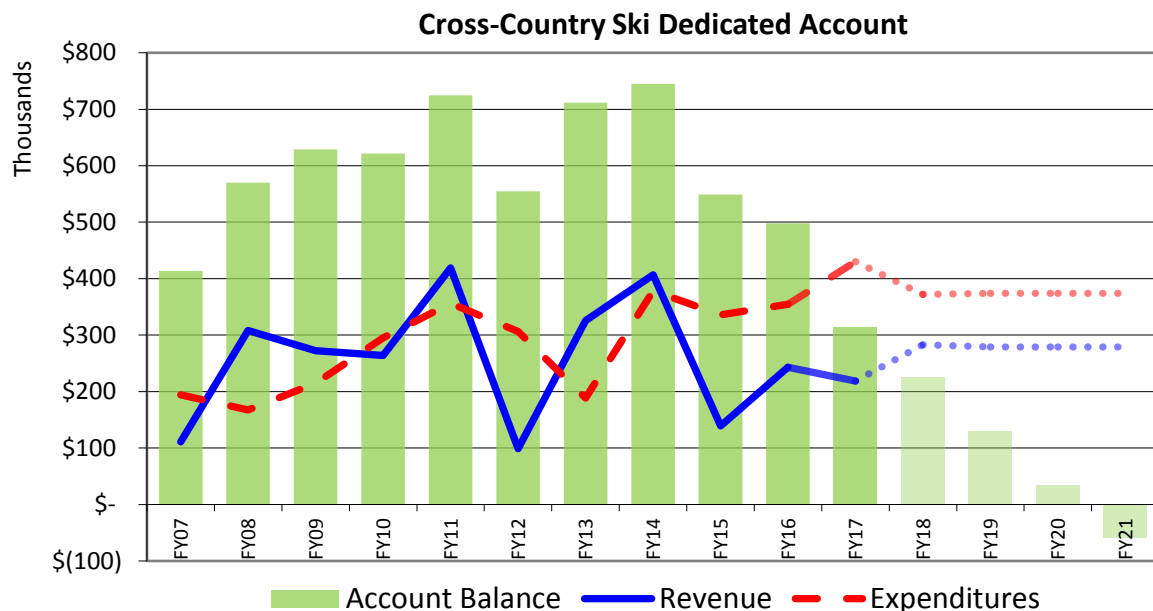
Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	70	70	70	70
Revenues	70	70	70	70
Net Fiscal Impact = (Expenditures – Revenues)	0	0	0	0
<b>FTEs</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>

#### Recommendation:

The Governor recommends increasing the daily, annual, and three-year cross-country ski pass fees, which will bring in about \$70,000 in new revenue for ski trails in Minnesota. This proposal increases funding for state parks grooming and the cross-country ski grant-in-aid (GIA) program by \$35,000 each. The Department of Natural Resources (DNR) has existing statutory authority to increase the GIA allocation, but needs a legislatively-increased appropriation for state park grooming.

#### Rationale/Background:

The cross-country ski pass is required to ski on groomed ski trails in state parks, state forests, state trails, and GIA-system ski trails. The ski pass allows skiers to access more than 700 miles of locally initiated GIA trails as well as ski trail systems in 22 state parks and trails.



Revenue from the ski pass is deposited into the dedicated cross-country ski pass account. In good snow years, there are up to about 19,000 ski passes sold statewide. Revenue varies due to the snow season, ranging from \$400,000 in a good year to \$100,000 in a poor year. The ski account supports both GIA and DNR-groomed trails. The ski pass fees were last increased in 2010, and with rising costs of grooming and inflationary increases, the account is projected to go into deficit in FY21 if current service levels are maintained.



Currently about \$280,000 per year is awarded to local GIA trails across the state, and about \$75,000 is used to offset some of the costs of ski trail grooming in state parks. The current ski account funding for state park grooming only pays for a portion of the actual expenses. State park ski trails are subsidized by other funding sources.

#### **Proposal:**

This proposal is to increase the ski pass fees as identified in the table below. When comparing user fees for other ski trails in Minnesota, the state ski pass is currently priced much lower than other similar passes. For example, current ski pass rates for Three Rivers Park District are \$9 for a daily pass and \$75 for an all park annual pass, almost 4 times the current annual price of the state ski pass. Minneapolis ski trail passes on natural snow trails are priced at \$8 for a daily pass and \$50 for an annual pass.

<b>Ski Pass Rates</b>	<b>Current</b>	<b>Proposed</b>
Daily	\$5	\$9
Annual	\$19	\$24
Three-Year	\$54	\$69

The increased funding will support grooming operations at Minnesota state parks and trails as well as more GIA funding to local communities for local ski trails. This proposal increases the appropriation from the ski account to the DNR for grooming by \$35,000, and the agency would correspondingly increase GIA funding by \$35,000 through existing statutory authority. DNR will work with MNSA for input in how to allocate additional GIA funding.

#### **Equity and Inclusion:**

This proposal provides funding for outstanding outdoor recreation opportunities at modest prices. Minnesota has a rich tradition of creating open or low-cost access to public lands and recreation opportunities, and DNR wants to ensure that this tradition continues. Reasonable increases to user fees are needed on a periodic basis to keep pace with inflation and rising costs. It is possible that some people experiencing economic disparities would be impacted by raising ski pass fees; however, we believe that these prices are reasonable given the high-quality services of groomed trails in many communities across the state.

#### **IT Related Proposals:**

This proposal does not have an IT component.

#### **Results:**

This proposal to increase the ski pass appropriation to DNR is needed to support state parks and trails grooming operations. While this increase would only be a small portion of the greater costs of state park and trail grooming supported by the General Fund, it will have a positive on-the-ground impact to cross-country skiers and will help ensure that the DNR is able to continue to provide grooming at 22 locations across Minnesota.

This proposal will also increase funding available for the GIA ski program, increasing funds for grooming trips on existing trails as well as the potential to add trails into the GIA system. DNR will work with MNSA on how to best allocate additional funding for GIA.

<b>Type of Measure</b>	<b>Name of Measure</b>	<b>Previous</b>	<b>Current</b>	<b>Dates</b>
Quantity	Number of state parks and trails that DNR is providing ski trail grooming.	22	22	FY17-18
Quantity	Number of GIA grants to local communities.	40	40	FY17-18

#### **Statutory Change(s):**

Minnesota Statutes, section 85.42

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Appropriation Increase for ATV and ORV Accounts

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
Other Funds				
Expenditures (ATV)	925	925	925	925
Expenditures (ORV)	525	525	525	525
Net Fiscal Impact = (Expenditures – Revenues)	1,450	1,450	1,450	1,450
FTEs	4.4	4.4	4.4	4.4

#### Recommendation:

The Governor recommends an increased investment of \$1.45 million annually to advance high-quality and well-maintained all-terrain vehicle (ATV) trails and off-road vehicles (ORV) trails and touring routes, provide needed enforcement, and enhance opportunities for grant-in-aid (GIA) trails. This funding comes from the ATV and ORV accounts in the Natural Resources Fund and provides increased resources to the Department of Natural Resources (DNR) and local governments' management of trails used by owners of ATVs and ORVs in Minnesota.

#### Rationale/Background:

**ATV Account:** The 2017 Legislature approved an ATV registration fee increase, but did not include a base appropriation increase. Now, with a stable ATV fund, DNR and the All-terrain Vehicle Association of Minnesota (ATVAM) have discussed an appropriation increase in the FY20-21 biennium that addresses critical priorities for Minnesota's ATV trail system. This proposal funds grants-in-aid, needed DNR ATV trail work, and ATV enforcement.

Local governments and volunteer clubs have created significant new demand on the ATV GIA program for new trails and existing trail improvements. This proposal helps provide needed funding to the GIA program for high-priority trail projects. In addition, there are critical needs for operating and maintaining the high-quality ATV trail system provided by the DNR, and this proposal provides important funding for existing and new ATV trails in state forests, on state trails, and in state recreation areas. DNR also provides important GIA trail support through its roving crew and heavy equipment operations. New trail opportunities also require increased enforcement funding. The DNR will continue to work with ATVAM and other stakeholders on trail priorities to use funds strategically and thoughtfully statewide. The ATV account is healthy and can sustain this added spending.

**ORV Account:** In past legislative sessions, the Minnesota 4-Wheel Drive Association (Mn4WDA) received appropriations to develop adventure-touring routes in Minnesota. DNR and Mn4WDA have discussed the need for an appropriation increase to ensure effective implementation of its signature touring route (the "Border to Border"); existing and new state forest trails; and a statewide ORV System Plan. This proposal advances these ORV trails and touring routes, and includes a \$200,000 maintenance fund for the Border to Border touring route. DNR will continue to work with Mn4WDA and stakeholders on using funds strategically and thoughtfully statewide. The ORV account has a positive fund balance and can sustain this additional spending.

#### Proposal:

This proposal provides critically needed funding to the ATV and ORV programs in Minnesota, advancing high-quality and well-maintained ATV trails and ORV trails and touring routes, provide needed enforcement, and enhance opportunities for GIA trails. The proposal includes increases to ATV GIA by \$300,000 each year; increases to DNR ATV and ORV trail management funding by \$500,000 and \$400,000, respectively; and increases to ATV and ORV enforcement funding by \$125,000 and \$125,000, respectively.

- **Grants** – The Parks and Trails (PAT) Division provides GIA funding to local government sponsors for about 70 trail projects across the state each year. These grants support local clubs for maintenance, development, and acquisition of public, locally managed ATV trails. Local communities have indicated that more funding is needed (and expected since the registration fees were increased).
- **Trail management** – The PAT Division provides more than 1,050 miles of trails in state forests, on DNR trails, and at the Iron Range OHV State Recreation Area. Trail work is critical to ensure high-quality, sustainable trail riding and protection of adjacent surface water quality. This work will provide greater opportunity, flexibility, range of difficulty levels, and longer trip lengths for ATV riders. Adding State Forest trails is progressing, but current funding levels make adding new trail while also supporting GIA work problematic due to significant existing trail maintenance needs and limits on crew staff time. DNR is also expanding the Iron Range OHV State Recreation Area, which requires a significant investment. This proposal funds 3 FTEs each year for trail management.
- **Enforcement** – The Enforcement (ENF) Division provides about 23,000 hours of enforcement, education, and safety training activities around the state, including recruiting and training volunteers for the ATV safety and trail ambassador programs. The ENF Division also provides about 50 grants to local law enforcement agencies for ATV law enforcement and educational activities relating to ATV use. This proposal funds 1.4 FTEs each year for enforcement.

### Equity and Inclusion:

This proposal funds programs that provide outstanding outdoor recreation opportunities at modest prices – either comparable or better than many neighboring states. This proposal allows DNR to continue to provide programs, upgrade facilities to Americans with Disabilities Act (ADA) design standards, and reach out to diverse and underserved communities. Without this funding, our ability to maintain these important recreation resources will impact trail users. This proposal allows us to continue to provide safe and enjoyable motorized trail recreation experiences for all Minnesotans and visitors to our state.

### IT Related Proposals:

This proposal does not include an IT component.

### Results:

The ATV and ORV accounts support diverse programs around the state for high-quality riding opportunities and well-maintained trails. Results include:

- Miles of high-quality state forest trails open to the public for ATV riding and ORV driving.
- Grants-in-aid (GIA) to assist local governments to develop and maintain locally managed trails.
- Maps to help people be aware of OHV riding opportunities.
- Trail ambassador program that help steward these activities and the lands on which they occur.
- Enforcement activities and hours; education and safety training activities.

<i>Type of Measure</i>	<i>Name of Measure</i>	<i>Previous</i>	<i>Current</i>	<i>Dates</i>
Quantity	ATV trail miles open or under development by DNR and GIA	1,600 miles	2,700 miles	2006-2018
Quality	Number of registered ATVs as proxy for numbers of people benefiting	248,754	299,806	2006-2017
Results	Number of registered ORVs as proxy for numbers of people benefiting	9,029	4,568	2006-2017

### Statutory Change(s):

This proposal does not include any statute changes.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Angler Surveys to Inform Fisheries Management

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Game and Fish				
Expenditures	278	532	532	532
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	278	532	532	532
FTEs	2.7	5.3	5.3	5.3

#### Recommendation:

The Governor recommends \$278,000 in FY20 and \$532,000 thereafter to increase angler survey capacity beyond the state's 10 large lakes (e.g., Mille Lacs, Lake of the Woods) to collect angler data from other major recreational fishing lakes and special regulation lakes. Increased angler survey capacity was an important factor in constituent support for the 2017 license fee initiatives. This initiative proposes eight new angler surveys per year funded by the Game and Fish Fund.

The change represents less than a 1 percent increase to the annual budget of the Division of Fish and Wildlife.

#### Rationale/Background:

Angler survey information is critical for tracking trends in fishing pressure, angler catch, harvest, and angler attitudes and preferences. The data are also critical for monitoring the effectiveness of special and statewide angling regulations, including the new northern pike zones. Recent examples where angler survey data were used to propose changes in fishing regulations include Lake of the Woods (expanding winter angling pressure resulted in sauger harvest above management objectives) and Leech Lake (angler harvest is low enough to allow additional harvest opportunities).

#### Proposal:

The DNR completes six to eight angler surveys each year, primarily on our large lakes where harvest data are paramount to managing fisheries sustainably. This proposal will add eight additional surveys per year to the existing schedule. Lakes will be selected across the state based on management need of new angler information (e.g., Pelican Lake, Otter Tail County; Chisago Lake, Chisago County). Angler surveys typically start in April or May, and continue through September (when fishing effort declines), and can include a winter angler survey as well (December-February). Angler surveys funded in this proposal would start in the spring of 2020 and continue annually.

This work will require 2.7 FTE in FY20 and 5.3 FTE thereafter. We estimate an FTE rate of \$90,000 per year for salary and benefits plus an additional \$55,000 for other expenditures such as fleet services, data entry tablets, and MNIT service costs. These same costs are slightly less in the first year (\$35,000) because we will not be fully implemented until the second year.

**Equity and Inclusion:**

This proposal will not impact and is not submitted to reduce or eliminate any disparities for racial and ethnic groups, lesbian, gay, bisexual and transgender people, persons with disabilities, or veterans. We anticipate no impacts (positive or negative) on these groups.

**IT Related Proposals:**

This proposal includes the purchase and maintenance of 8 tablets at a monthly enterprise service rate of \$100, totaling \$10,000 per year and ongoing IT costs of \$5,000 per year for software/database management and maintenance services.

<b>Category</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
Payroll						
Professional/Technical Contracts						
Infrastructure						
Hardware						
Software						
Training						
Enterprise Services	15	15	15	15	15	15
Staff costs (MNIT or agency)						
<b>Total</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>
MNIT FTEs						
Agency FTEs						

**Results:**

This initiative will restore angler survey capacity, doubling the current number of surveys completed. The new survey information will guide management decisions, ultimately maintaining the state's excellent fisheries. Information will be shared with anglers and stakeholders, including resort owners and local officials.

<b>Type of Measure</b>	<b>Name of Measure</b>	<b>Previous</b>	<b>Current</b>	<b>Dates</b>
Quantity	Creel surveys completed	16	8	2010-2018

**Statutory Change(s):**

NA

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Authorize Strategic Land Sales

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	(8)	(8)	(8)	(8)
Revenues	174	0	0	232
Net Fiscal Impact = (Expenditures – Revenues)	166	(8)	(8)	224
<b>FTEs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends undertaking specific land sales that require legal authorization. Proceeds from the land sales will be deposited in the Land Acquisition Account in the Natural Resources Fund to be reinvested in other lands that meet the Department of Natural Resources' (DNR) natural resource management goals. The proposal also provides for an amendment to Minnesota Statutes, section 94.10, subdivision 2 that will eliminate the newspaper publication requirement for public land sales.

The Division of Lands and Minerals' annual budget is approximately \$13 million. The land sales provisions and proposed statute amendment will impact the DNR's Land Acquisition Account in the Natural Resources Fund, which is used by all DNR divisions.

#### Rationale/Background:

When the DNR decides to sell land it no longer needs for natural resource management purposes and the land is riparian or the DNR wishes to sell the land to a specific individual or entity, the proposal must first be reviewed and approved by the legislature. Specific sales authorized by this proposal are:

- A private sale of riparian land, Carlton County
- A public sale of riparian land, Lot 7, Block 1, Dells Sleepy Hollow, Cass County
- A public sale of riparian land, Kanabec County
- A public sale of riparian land, Big Pine Lake Public Water Access, Otter Tail County
- A public sale of riparian land, Wabasha County

Minnesota Statutes, section 94.10, subdivision 2 requires publication, at least 30 days before a public land sale, in a newspaper of general distribution in the county in which the parcel for sale is located. The DNR already advertises its land sales on its website and in other publications and also has a GovDelivery list with over 34,000 recipients who receive notices of proposed land sales. Accordingly, newspaper publication is not needed. Elimination of the newspaper publication requirement will reduce staff time and costs for land sales.

#### Proposal:

The land sale provisions in the proposal are part of the DNR's ongoing Sales and Reinvestment Initiative under the umbrella of Strategic Land Asset Management (SLAM), which seeks to improve the DNR's lands portfolio. Enactment of the proposal will enable the DNR to complete certain land sale transactions, for which it would otherwise lack authority. Elimination of the newspaper publication requirement for public land sales will streamline the sale process and reduce costs.

Land sales authorized by the legislature are expected to generate revenue to the land acquisition account. The total revenue estimate from sales of the five parcels is \$406,000. It is expected that sales of the Carlton, Otter Tail, Kanabec and Wabasha County parcels, which have a total estimated value of \$174,000, will occur in FY2020. The Cass County parcel is not expected to be put up for public sale earlier than FY2023, as federal deed restrictions will first need to be removed from the parcel. It is not known whether DNR's efforts to sell the parcels after receiving legislative authority to do so will be successful.

**Equity and Inclusion:**

This proposal is neutral as to economic and inclusion disparities, with no positive or negative impacts on the identified groups. It will not reduce or eliminate any disparities.

**IT Related Proposals:**

Not applicable.

**Results:**

This is not a program.

**Statutory Change(s):**

Minnesota Statutes, section 94.10, subdivision 2

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Fish and Wildlife Dedicated Deer License Revenue

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
Other Funds (Game and Fish (GFF) Accounts)				
Expenditures (GFF Operations)	(7,146)	(7,146)	(7,146)	(7,146)
Expenditures (GFF Deer Habitat)	7,146	7,146	7,146	7,146
Revenues (GFF Operations)	(7,146)	(7,146)	(7,146)	(7,146)
Revenues (GFF Deer Habitat)	7,146	7,146	7,146	7,146
Net Fiscal Impact = (Expenditures – Revenues)	0	0	0	0
<b>FTEs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends dedicating \$16 from deer hunting licenses to deer management activities including deer research, monitoring, and hunting. Although Department of Natural Resources (DNR) spends more on deer management activities, currently only \$2 from these licenses is dedicated to specific deer management accounts. This proposal reduces the revenues in the Game and Fish Operations Account and moves the revenue and corresponding spending to the Deer Habitat Account—both estimated at \$7.146 million annually.

#### Rationale/Background:

Current law distributes revenue from deer hunting licenses across a variety of accounts—each of which has a designated purpose outlined in law. As an example, law instructs the DNR to deposit \$30 from a \$34 adult resident deer license to the Game and Fish Operations account. The legislature appropriates money from this account for a variety of natural resources purposes most notably fish and wildlife management. The DNR also uses this account to fund the electronic licensing system that supports online and vendor-based license purchases.

Current law dedicates the remaining \$4 to four different purposes including managing deer habitat (\$2), managing deer and bear (\$1), emergency deer feeding and wild cervid health (50 cents) and wolf management (50 cents). See table below.

Where Revenue is Deposited	How much	How Dollars are Spent/How We get spending Authority
Game and Fish Operations Account	\$30.00	Direct-Appropriated for fish and wildlife, natural resources law enforcement, ecological/waters, and recreation activities
Deer Habitat Account	\$2.00	Statutorily-dedicated to Deer-focused activities
Deer/Bear Management Account	\$1.00	Statutorily-dedicated to Deer and Bear Activities
Emergency Deer Feeding and Wild Cervid Health Account	\$0.50	Statutorily-dedicated to Deer Activities
Wolf Management Account	\$0.50	Statutorily-dedicated to Wolf Management
<b>Total Revenue</b>	<b>\$34.00</b>	

The DNR spends a significant portion of the appropriation in the Game and Fish Operations Account on deer-focused activities including deer research, monitoring, hunting, and management activities. During recent conversations with stakeholders regarding DNR's Deer Management Plan, stakeholders articulated a strong preference for increased transparency regarding how much of the budget is specifically dedicated to deer



activities. Because DNR is committed to deer and deer management, the agency agreed to dedicate a higher portion of certain deer licenses to an already-existing account dedicated to spending on deer.

#### Proposal:

Consistent with the Deer Management Plan recommendations, this proposal dedicates \$16 from deer hunting license to deer management activities. This reflects a \$14 increase in dedicated revenue to the Deer Habitat Account, which equates to \$7.146 million annually. License types impacted by this proposal include adult resident, non-resident, and sports deer licenses.

The table below shows how the proposal impacts a \$34 adult resident deer license.

Where Revenue is Deposited	How much	How Dollars are Spent/How We get spending Authority
Game and Fish Operations Account	<b>\$16.00</b>	Direct-Appropriated for fish and wildlife, natural resources law enforcement, ecological/waters, and recreation activities
Deer Habitat Account	<b>\$16.00</b>	<i>Statutorily-dedicated to Deer-focused activities</i>
Deer/Bear Management Account	\$1.00	Statutorily-dedicated to Deer and Bear Activities
Emergency Deer Feeding and Wild Cervid Health Account	\$0.50	Statutorily-dedicated to Deer Activities
Wolf Management Account	\$0.50	Statutorily-dedicated to Wolf Management
<b>Total Revenue</b>	<b>\$34.00</b>	

Implementing this change requires reducing DNR's direct appropriation in the GFF Operations Account. The table at the top of this first page shows reduced revenues and expenditures in the GFF Operations Accounts of \$7.146 million each year and increased dedicated revenues and expenditures in the Deer Habitat Account of the same amount. Spending the in Deer Habitat Account focuses on deer research, monitoring, hunting, and management activities. This proposal also makes supporting the electronic license system an eligible use of the Deer Habitat Account.

Because this proposal shifts revenue and spending between funds, it is budget neutral. Although the DNR already uses these dollars on deer-focused activities, this change increases fiscal transparency outside of the agency.

#### Equity and Inclusion:

This proposed policy change will not impact and is not submitted to reduce or eliminate any disparities for racial and ethnic groups, lesbian, gay, bisexual and transgender people, persons with disabilities, or veterans. We anticipate no impacts (positive or negative) on these groups.

#### IT Related Proposals:

This proposal does not have an IT related component.

#### Results:

By adjusting the deer license revenue distribution, this change will improve transparency regarding the use of deer license dollars, providing assurance that DNR will continue to spend at least \$16 of revenue from each deer license on deer-related management expenditures.

Type of Measure	Name of Measure	Previous	Proposed	Dates
Results	Dollars spent out of accounts dedicated to deer activities	\$1.3M	\$8.6M	FY18

#### Statutory Change(s):

M.S. 97A.075(b) Use of License Revenues

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Protecting Special Forest Products

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	2	2	2	2
Revenues	2	2	2	2
Net Fiscal Impact = (Expenditures – Revenues)	0	0	0	0
<b>FTEs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends expanding the current commercial dealer's license requirements for purchasing harvested balsam boughs to include other high demand forest products, such as spruce tops and birch poles. This will result in a small revenue increase to an existing dedicated Department of Natural Resources Forestry Account to support education on sustainable harvest of special forest products for harvesters and dealers. This proposal has less than one percent impact on DNR Forestry's budget.

#### Rationale/Background:

Public interest in decorative forest materials has increased. Many Minnesotans purchase balsam boughs, spruce tops, and birch poles for winter decorations from craft and landscape retailers statewide. Birch poles are also a popular wedding decoration. There has been an increase of illegal birch pole and spruce top harvesting and recent news reports have highlighted illegal birch pole harvesting, and its connection to other illegal activity.

The proposal expands the existing commercial dealer's license requirement for balsam boughs by creating a general decorative materials dealer's license to be required by product by the DNR Commissioner when there is concern about sustainability, illegal harvest, or if there is need to track the origin of harvested special forest products. Current examples include spruce top and birch pole harvesting. The dealer's license will require dealers to track from whom they buy products, the amount harvested, and where it was harvested. These changes are designed to eliminate outlets for illegally harvested materials and support enforcement efforts.

Special forest products include most items found growing in our state forests other than firewood, pulpwood, and sawtimber. Examples of commonly harvested special forest products are birch bark, spruce tops, birch poles, and balsam boughs.

The dealer's license is already in place for balsam boughs. This expansion addresses known harvest concerns with spruce tops and birch poles, as well as future harvest concerns that may develop for other special forest products.

#### Proposal:

*Minnesota Statute 88.6435* requires persons (dealers) buying harvested balsam boughs to obtain a permit (\$25) to buy more than 100 pounds of cut boughs. Additionally, the existing law requires these dealers to record the name and address of the person who harvested the boughs and the location where they were harvested. This record aids law enforcement in tracking the movement of illegally harvested balsam boughs and serves as a deterrent to illegal harvesters. License proceeds go into a dedicated DNR Forestry account to support education on sustainable harvest of special forest products for harvesters and dealers.

This proposal expands the same concepts from existing balsam bough laws to address current harvest concerns with spruce tops and birch poles, as well as future harvest concerns that may develop for other special forest products as markets change.

This proposal provides an additional \$1,700 annually through expanded dealer's license sales to the dedicated education account for special forest products. At this time, we estimate an additional 70 dealer's licenses will be sold annually (\$25 per license) for spruce tops and birch poles. If additional special forest products warrant a dealer's license in the future, revenue will increase accordingly.

**Equity and Inclusion:**

This proposal will not impact and is not submitted to reduce or eliminate any disparities for racial and ethnic groups, lesbian, gay, bisexual and transgender people, persons with disabilities, or veterans. We anticipate no impacts (positive or negative) on these groups.

**Results:**

<i><b>Type of Measure</b></i>	<i><b>Name of Measure</b></i>	<i><b>Previous</b></i>	<i><b>FY18</b></i>	<i><b>FY2020</b></i>
Results	Decrease illegal harvest of special forest products through monitoring dealer's licenses.	40 – 60 dealer's licenses annually for balsam bough only.	50 dealer's licenses for balsam bough only.	120 licenses for balsam boughs, spruce tops, and birch poles.

**Statutory Change(s):**

Minnesota Statutes, section 88.641-648 and section 90.195

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: State Trail Special Event Account

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	5	5	5	5
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	5	5	5	5
<b>FTEs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends establishing statutory spending authority for the State Trail Special Event Account (Fund 2117). This account was set up to collect revenue from trail-associated special use permit fees. On average, this account generates about \$5,000 per year from events such as the John Beargrease Sled Dog Marathon event.

#### Rationale/Background:

During the 2017 legislative session, the Department of Natural Resources (DNR) received authority to deposit funds from trail-related special use permits into this fund instead of depositing them into the General Fund. However, the authority to spend from that account was mistakenly not included in that authority. As a result, the DNR has been forced to use other funds to repair and maintain the trails used for special events. The authority to spend these dollars will ensure repairs are made timely following such events.

#### Proposal:

This proposal adds statutory spending authority to the existing state trail special event account. The DNR will use the funds to pay for staff salaries, supplies, repair, and maintenance of the trails used by the special events. For example, a winter fat bike race on a state trail would need to have snow packed prior to the event and smoothed over afterwards. This proposal is intended to be effective beginning in FY20.

#### Equity and Inclusion:

This change will only affect those individuals that work with the DNR on special events. It has no specific implications, positive or negative, for under-represented communities.

#### IT Related Proposals:

This proposal does not include an IT component.

#### Results:

This proposal will allow DNR to use special event revenue to support the maintenance of the state trails, primarily to remediate any impact from these special events.

#### Statutory Change(s):

Minnesota Statutes, section 85.47

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Ice Safety Program

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	176	176	176	176
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	176	176	176	176
FTEs	1.2	1.2	1.2	1.2

#### Recommendation:

The Governor recommends \$176,000 annually from the Game and Fish Fund to create a comprehensive outreach and education program focused on ice safety. The program will target traditional users of frozen waters – such as ice anglers, snowmobile riders, and cross-country skiers – and, as importantly, educate people who aren't familiar with frozen water but live in communities where it may be a risk.

#### Rationale/Background:

This program will focus on two equally important segments of people: traditional users of frozen waters, and people who live in communities where frozen waters are a risk to adults and children who are uneducated about the potential dangers.

People in Minnesota recreate out-of-doors throughout the year, and in many areas winter recreation is an important economic driver. As the department's focus on outdoor recreation safety moves closer to a statewide culture of safety, this initiative will create an Ice Safety Program in the Enforcement Division that encompasses the variety of ways people recreate on the ice – ice camping, ice fishing, skating, skiing and snowmobiling, among others – and the variety of places they do it.

During the past five ice seasons, there have been an average of three ice-related fatalities each year. While that is below the 25-year average of about five ice-related fatalities per season (and well below the number in the 1970s and early 1980s – the early years of ice safety education – when it was common to see as many as 20 or more ice-related fatalities in a single season), it still is too high. The program also will focus on the dangers that go along with recreating on the ice, such as the risk of carbon monoxide poisoning in heated shelters and the increase in litter and waste streams associated with the growing number of people who set their "wheel houses" atop the ice and use them as de facto campsites.

While Minnesota is home to 10,000 lakes that attract people and their fish houses by the hundreds of thousands each winter, there also are large numbers of creeks, ponds, retention ponds and rivers that pose a risk to people who are uneducated about ice and ice safety. This program can build and strengthen relationships with non-users of Minnesota's frozen waters who live in communities or neighborhoods where creeks, wetlands, or retention ponds pose a risk to curious children and adults who may be tempted to venture onto these waters when they appear to be frozen.

Thanks to Minnesota's location and reputation for embracing the "Bold North," other states and national media (i.e. The Weather Channel) look to the Department of Natural Resources (DNR) as ice safety experts. Each year, the DNR receives multiple requests for ice safety information, laws, and search and rescue best practices.

**Proposal:**

The Ice Safety Program will revive a targeted department program that has not been funded in recent years. The program will incorporate the historical outreach of the old program, be updated to build in the continuing evolution of frozen-water recreation, and add important new outreach and education efforts aimed at non-users of frozen water. The program also will include education and outreach aimed at reducing the risks associated with carbon monoxide poisoning, which has resulted in fatalities in fish houses in each of the past two ice seasons. Currently, there is minimal education around the dangers of carbon monoxide poisoning in fish houses.

This proposal pays for one FTE to run the Ice Safety Program (\$118,000), a portion of that FTE's supervision (\$35,000), and a small operating budget (\$23,000) for the purchase of media and related education and outreach materials. Among the materials likely to be created for the Ice Safety Program are public service announcements, brochures and safety cards. As an example, creating and printing 20,000 brochures costs about \$2,500. Media buys for communications such as TV and radio ads are likely as well. Ongoing radio ads cost about \$4,000 for two months, while online and TV public service announcements cost about \$9,000 for the same time period.

**Equity and Inclusion:**

Minnesota's population has become as diverse as its natural resources. Some of the new and immigrating citizens – which include first- and second-generation families – come from parts of the world where frozen waters are not as common. These people may not have the same affinity for frozen-water recreation as people who have grown up around the ice, but they may live in areas where creeks, water retention ponds or wetlands exist. These types of waters pose a risk to people who are not educated in the dangers of frozen water and who do not have the experience to assess whether frozen waters are safe for recreation.

While the primary goal of the program is to educate people about ice safety, it also may help reduce a barrier to recruiting new users to engage with our natural resources and serve as a pathway by which people learn to safely enjoy frozen-water recreational opportunities such as ice fishing, skiing and skating.

**IT Related Proposals:**

This proposal does not include an IT component.

**Results:**

Building outreach, educational resources and relationships with traditional users and non-users of frozen waters. Working proactively to prevent a tragedy that involves someone who does not fully understand the risks associated with being on frozen water. Removing a barrier to participation by providing a better understanding of ice safety to those who are unfamiliar with frozen water and the recreational opportunities it provides.

**Statutory Change(s):**

This proposal does not require any statutory changes.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Fund – Aquifer Monitoring for Water Supply Planning

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	2,325	2,325	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	2,325	2,325	0	0
<b>FTEs</b>	<b>16.9</b>	<b>16.9</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$4.65 million from the Clean Water Fund for collecting and analyzing aquifer level data and groundwater flow dynamics, developing groundwater models, and working with stakeholders to address sustainability management and planning through groundwater management areas and other forums.

This funding will support 16.9 FTEs (plus contracts with outside vendors) to contribute to a long-term partnership of Minnesota's executive branch water agencies, which include the Department of Agriculture, Department of Health, Minnesota Pollution Control Agency, Board of Water and Soil Resources, Department of Natural Resources (DNR), and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

#### Rationale/Background:

The Clean Water Fund is treated as a new initiative each biennium. The Clean Water Council and the executive branch agencies agree that we need to fund long-term programs to address water quality and quantity issues. The Clean Water Fund supports about 78 FTEs at the DNR working on data gathering and analysis, technical support for project implementation, and tools to help local partners target water sustainability, restoration and improvement efforts. The DNR partners with Minnesota's water agencies and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

Agencies and local governments use the resulting information to prevent waters from becoming impaired, restore impaired waters, and protect long-term water supplies from overuse and contamination. The ultimate goal is that Minnesotans have water of sufficient quality and quantity to meet their needs. The Clean Water Fund performance report describes the efforts that state agencies are using to improve and protect water quality and supply using identified performance measures.

In Minnesota, growth in demand for water resources is outpacing population growth. As water use increases, planning for adequate water supply is crucial to preventing water shortages and protecting lakes, streams, and wetlands - especially sensitive groundwater dependent trout streams and calcareous fens.

Because groundwater is below the ground surface, we need long-term data collection from groundwater observation wells to understand trends in groundwater levels. We then relate the trend data to precipitation, land use changes, groundwater use, to evaluate if that use is sustainable over time. Long-term data sets are essential to understanding and properly managing this valuable resource. The DNR leads statewide efforts with water level monitoring, groundwater modeling, education, and data analysis for water supply planning and permitting.

**Proposal:**

This proposal provides funding for the DNR to continue 1) developing and maintaining a statewide network of groundwater level observation wells, 2) automating data collection and long term data management with enhanced technology, 3) completing analyses and modeling to inform economic development, infrastructure investment, efficiency efforts and permit decisions, and 4) working with stakeholders to ensure groundwater is managed sustainably, including helping small communities to develop water supply plans and educational workshops.

**Equity and Inclusion:**

Implementation of this change item will help ensure water of sufficient quality and quantity for all Minnesotans and enhance the ability of all Minnesotans to safely fish, swim, and participate in other water recreation activities.

**Results:**

This proposal will provide funding to add and manage monitoring wells, to develop groundwater models, and to engage stakeholders in long-term water supply planning and protection.

The DNR's aquifer monitoring efforts include partnerships with other state agencies, Soil and Water Conservation Districts, and municipal water suppliers. We have 1,070 active monitoring wells and we are adding about 25-50 new monitoring sites per year, with a long-term goal of about 7,000 wells throughout the state. We analyze water level trends in aquifers where there are at least 20 years of data, as of 2016, 341 sites have now reached the minimum 20 years of record for trend analysis (Figure 1).



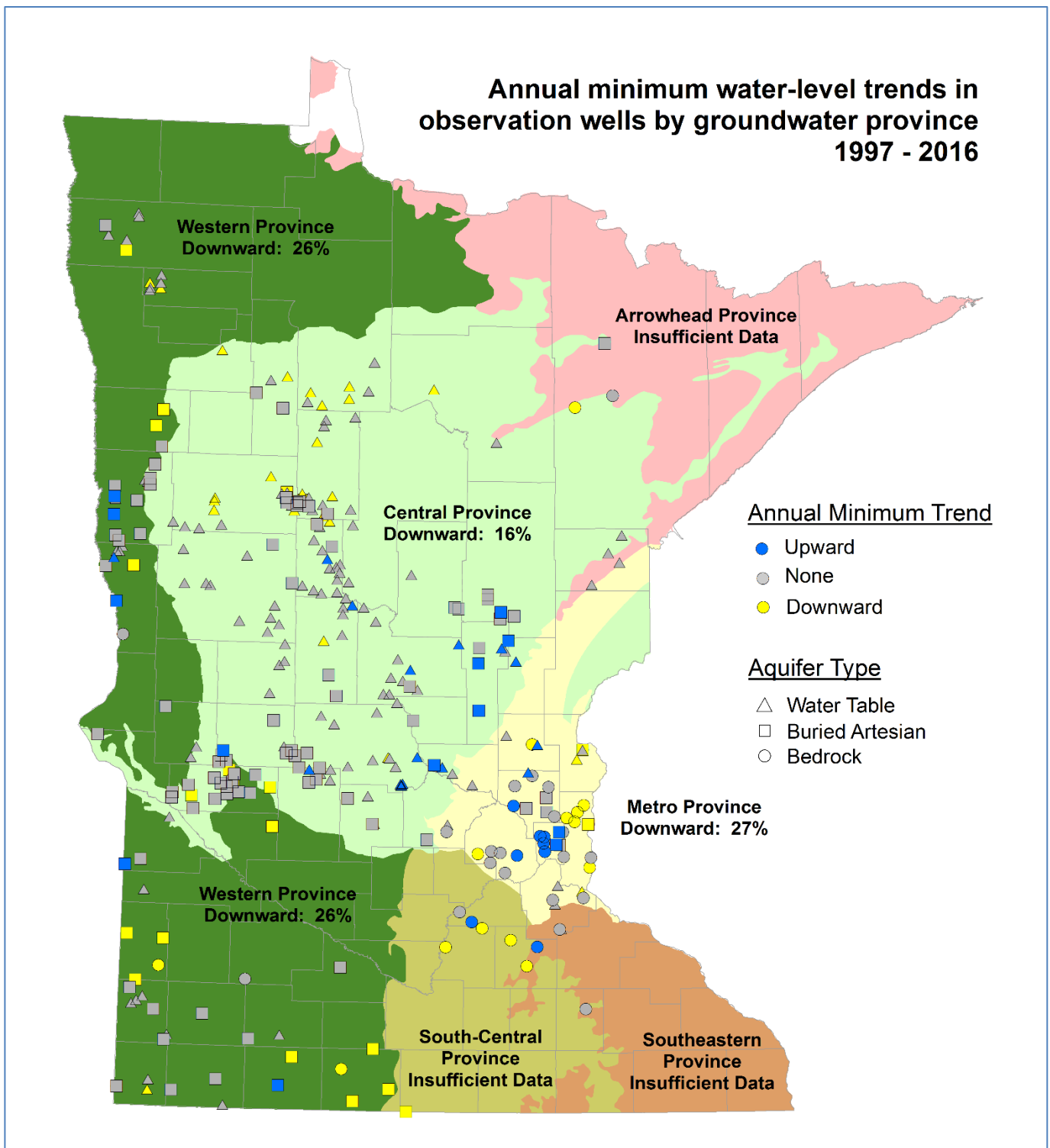


Figure 1 Statewide map showing water level trends for aquifers with monitoring data with at least 20 years of data. Percentage downward is aggregated by groundwater province.

#### Statutory Change(s):

No statutory changes will be needed.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Fund – Buffer Map Maintenance

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	100	100	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	100	100	0	0
FTEs	0.5	0.5	0	0

#### Recommendation:

The Governor recommends \$200,000 from the Clean Water Fund for updating and maintaining maps of public waters and ditch systems that require permanent vegetation buffers.

This funding supports 0.5 staff plus contracts and other activity costs to contribute to a long-term partnership of Minnesota's executive branch water agencies and local governments to fix and prevent water pollution problems.

#### Rationale/Background:

The Clean Water Fund is treated as a new initiative each biennium. The Clean Water Council and the executive branch agencies agree that we need to fund long-term programs to address water quality and quantity issues. The Clean Water Fund supports about 78 FTEs at the Department of Natural Resources (DNR) working on data gathering and analysis, technical support for project implementation, and tools to help local partners target water sustainability, restoration and improvement efforts. The DNR partners with Minnesota's water agencies and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

Agencies and local governments use the resulting information to prevent waters from becoming impaired, restore impaired waters, and protect long-term water supplies from overuse and contamination. The ultimate goal is that Minnesotans have water of sufficient quality and quantity to meet their needs. The Clean Water Fund performance report describes the efforts that state agencies are using to improve and protect water quality and supply using identified performance measures.

#### Proposal:

The DNR will update, maintain and periodically publish updated maps of public waters and public ditches that require permanent vegetation buffers. This proposal is part of a long term, collaborative effort that will lead to cleaner water through establishment and maintenance of buffers. The Minnesota Board of Water and Soil Resources and local Soil and Water Conservation Districts lead the buffer implementation efforts.

#### Equity and Inclusion:

Implementation of this change item will help ensure water of sufficient quality and quantity for all Minnesotans and enhance the ability of all Minnesotans to safely fish, swim, and participate in other water recreation activities.

#### Results:

Minnesota will have updated and publicly accessible maps identifying where buffers are required.

#### Statutory Change(s):

No statutory changes will be needed.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Fund – Color Infrared Imagery Analysis

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	325	325	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	325	325	0	0
<b>FTEs</b>	<b>0.5</b>	<b>0.5</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$650,000 from the Clean Water Fund for collecting color infrared imagery for determining perennial cover statewide. This effort would collect approximately one-fifth of the state each year, resulting in an updated data set every five years.

This funding will support 0.5 staff (plus contracts with outside vendors) to contribute to a long-term partnership of Minnesota's executive branch water agencies and local governments to fix and prevent water pollution problems and prevent groundwater over-use.

#### Rationale/Background:

The Clean Water Fund is treated as a new initiative each biennium. The Clean Water Council and the executive branch agencies agree that we need to fund long-term programs to address water quality and quantity issues. The Clean Water Fund supports about 78 FTEs at the Department of Natural Resources (DNR) working on data gathering and analysis, technical support for project implementation, and tools to help local partners target water sustainability, restoration and improvement efforts. The DNR partners with Minnesota's water agencies and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

Agencies and local governments use the resulting information to prevent waters from becoming impaired, restore impaired waters, and protect long-term water supplies from overuse and contamination. The ultimate goal is that Minnesotans have water of sufficient quality and quantity to meet their needs. The Clean Water Fund performance report describes the efforts that state agencies are using to improve and protect water quality and supply using identified performance measures.

#### Proposal:

This proposal is part of a long-term, collaborative effort that will lead to cleaner water through targeted implementation projects and programs. The objective of this program is to provide information to local units of government (LGUs) regarding the coverage of perennial vegetation within riparian buffer zones on an ongoing five-year cycle. This information will support LGUs in their assessment of compliance with the requirements of the state's buffer program. Remote sensing imagery is one of the most in demand spatial data sources. A systematic statewide effort is the most cost-effective way to gather and manage this information.

Imagery would be acquired through a competitive bid process. We propose to acquire 0.5-meter resolution, map-ready aerial imagery over a four year period with one additional year for potential mop-up acquisition for imagery that can't be acquired due to weather issues. This imagery would then be processed to compute a vegetation

index and the resulting product would be provided for both viewing and download through a web-based map application. Many public and private organizations are seeking this data for a wide array of natural resource and water management applications.

**Equity and Inclusion:**

Implementation of this change item will help ensure water of sufficient quality and quantity for all Minnesotans and enhance the ability of all Minnesotans to safely fish, swim, and participate in other water recreation activities.

**Results:**

A complete statewide assessment of perennial vegetation cover and the ability for local governments to efficiently determine compliance with state buffer laws. This program would provide a repeated, complete statewide assessment of perennial vegetation cover every five years.

**Statutory Change(s):**

No statutory changes will be needed.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Fund – County Geologic Atlases

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	150	150	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	150	150	0	0
<b>FTEs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$300,000 from the Clean Water Fund for working with Minnesota Geological Survey to accelerate and complete County Geologic Atlases that provide critical groundwater and geology information to local governments. This funding is used for contracts with outside vendors.

#### Rationale/Background:

The Clean Water Fund is treated as a new initiative each biennium. The Clean Water Council and the executive branch agencies agree that we need to fund long-term programs to address water quality and quantity issues. The Clean Water Fund supports about 78 FTEs at the Department of Natural Resources (DNR) working on data gathering and analysis, technical support for project implementation, and tools to help local partners target water sustainability, restoration and improvement efforts. The DNR partners with Minnesota's water agencies and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

Agencies and local governments use the resulting information to prevent waters from becoming impaired, restore impaired waters, and protect long-term water supplies from overuse and contamination. The ultimate goal is that Minnesotans have water of sufficient quality and quantity to meet their needs. The Clean Water Fund performance report describes the efforts that state agencies are using to improve and protect water quality and supply using identified performance measures.

#### Proposal:

County Geologic Atlases provide information about the region's geology and groundwater: location and depth of aquifers, direction of water flow, pollution sensitivity, connections to surface waters, and other characteristics like natural quality and age of groundwater. This information is essential for local planning and environmental protection efforts. Water supply planning, source water protection and well sealing programs are examples of local programs that need this geologic and groundwater information. Other typical uses include providing information for permit applications, resource management, monitoring needs, and emergency response to contaminant releases.

The DNR works with the Minnesota Geological Survey (MGS) to develop County Geologic Atlases that convey geology and groundwater information and interpretations to government units at all levels, but particularly to local governments. The MGS focuses on geology (Part A reports) and DNR focuses on groundwater (Part B reports). Atlases are developed in response to requests by counties, who contribute money and data to the development of Part A reports.

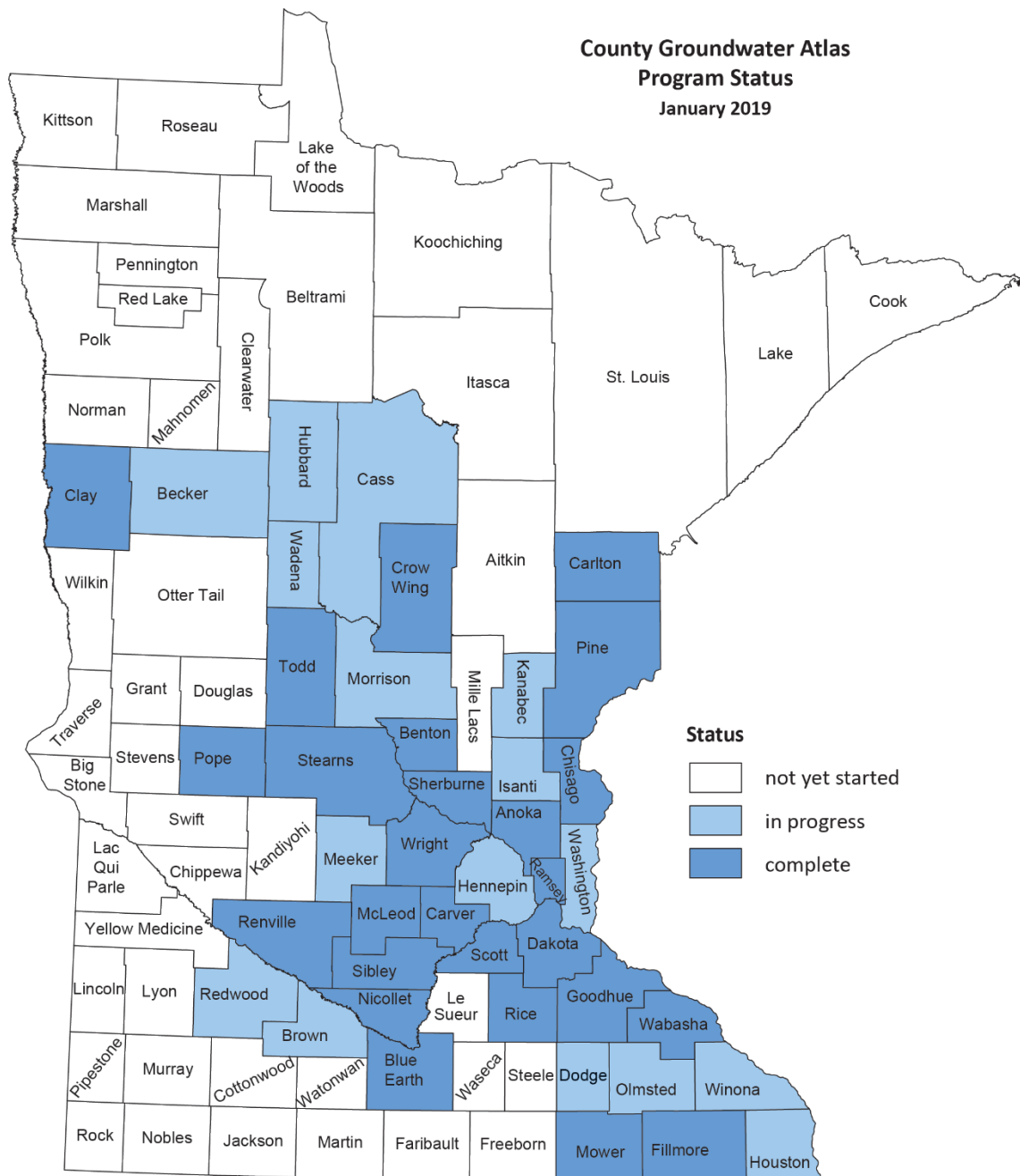
MGS and DNR use this to improve the quality of County Geologic Atlases by collecting additional subsurface geologic samples, expanding the number of sites sampled for water chemistry, starting the process of installing a research well to collect stratified groundwater data from multiple aquifers, and purchasing and repairing equipment.

**Equity and Inclusion:**

Implementation of this change item will help ensure water of sufficient quality and quantity for all Minnesotans and enhance the ability of all Minnesotans to safely fish, swim, and participate in other water recreation activities.

**Results:**

The DNR in partnership with the Minnesota Geological Survey is annually completing about four geologic atlases throughout the state (Figure 1).



**Figure 1** Statewide progress completing County Geologic Atlases.

**Statutory Change(s):**

No statutory changes will be needed.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Fund – Fish Contamination Assessment

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	135	135	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	135	135	0	0
<b>FTEs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$270,000 from the Clean Water Fund for sampling mercury and other contaminants in fish to determine fish consumption advisories, impairment status, and monitor trends across the state.

#### Rationale/Background:

The Clean Water Fund is treated as a new initiative each biennium. The Clean Water Council and the executive branch agencies agree that we need to fund long-term programs to address water quality and quantity issues. The Clean Water Fund supports about 78 FTEs at the Department of Natural Resources (DNR) working on data gathering and analysis, technical support for project implementation, and tools to help local partners target water sustainability, restoration and improvement efforts. The DNR partners with Minnesota's water agencies and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

Agencies and local governments use the resulting information to prevent waters from becoming impaired, restore impaired waters, and protect long-term water supplies from overuse and contamination. The ultimate goal is that Minnesotans have water of sufficient quality and quantity to meet their needs. The Clean Water Fund performance report describes the efforts that state agencies are using to improve and protect water quality and supply using identified performance measures.

#### Proposal:

This proposal is part of a long term, collaborative effort that will lead to cleaner water through targeted implementation projects and programs. The foundation of the effort is comprehensive assessments of water pollution problems within the state's 80 major surface watersheds. The fish contamination assessment funding is used to pay for the laboratory analysis of fish tissue under contract with the Minnesota Department of Agriculture. The data are shared with the Minnesota Pollution Control Agency and the Minnesota Department of Health. The DNR collects fish as part of its regular lake survey work that is paid for through the Game and Fish Fund.

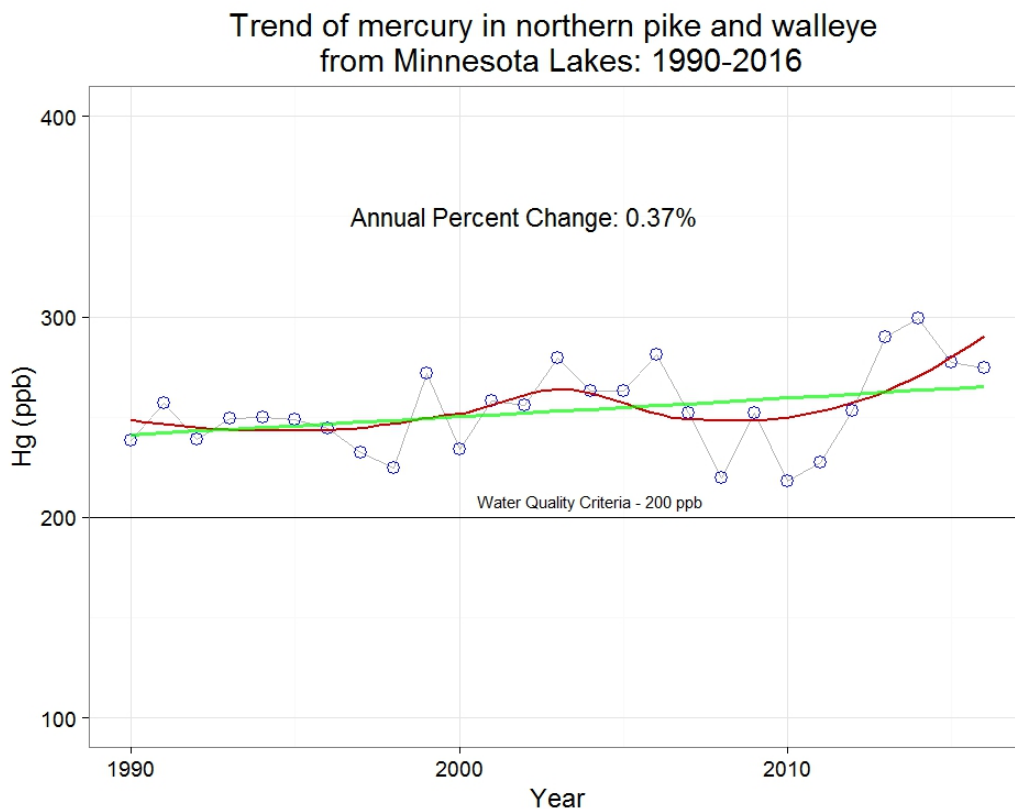
#### Equity and Inclusion:

Implementation of this change item will help ensure water of sufficient quality and quantity for all Minnesotans and enhance the ability of all Minnesotans to safely fish, swim, and participate in other water recreation activities. Some racial and ethnic minority groups rely disproportionately on subsistence fishing and thus benefit in particular from consumption advisory information.



## Results:

Long-term trends are shown below (Figure 1) and summarized in the [Clean Water Fund Performance Report](#). The DNR supports these efforts by collecting fish for analysis on about 150 waterbodies each year. Since the inception of the clean water fund, the DNR has sampled an additional 720 waterbodies. This information is made available electronically and provides [site specific advice](#) where available.



**Figure 1** The plot shows the average trend for walleye and northern pike in the state; the points represent the mean annual mercury concentration at the mean latitude and a smoother line through the annual means shows the nonlinear changes between 1990 and 2016. For reference, the plot shows the Minnesota state water quality criterion for mercury in edible fish tissue (200 parts per billion or 0.2 mg/kg).

## Statutory Change(s):

No statutory changes will be needed.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Fund—Forests for the Future

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	750	750	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	750	750	0	0
FTEs	.2	.2	0	0

#### Recommendation:

The Governor recommends \$750,000 in FY 2020 and FY 2021 from the Clean Water Fund to protect forests and shorelands that supply clean water to lakes, rivers and streams, preventing water degradation while also maintaining recreational opportunities, wood products production, fish and wildlife habitat, and many other forest amenities. This funding will support the strategic protection of up to 1,500 acres of priority private forest parcels using permanent working forest conservation easements and key fee-title acquisitions.

#### Rationale/Background:

Over 40 percent of forests in Minnesota, or nearly 7.5 million acres, are privately owned and at risk of fragmentation or conversion. Since 2008, Minnesota has experienced some of the highest deforestation rates in the United States, particularly in North Central Minnesota—including the Pineland Sands and other portions of the Mississippi Headwaters Basin. In these vulnerable forested areas, conversion to agricultural land or other non-forest land uses can contribute to groundwater and surface water contamination. Maintaining working forests in healthy watersheds reduces the risk of water pollution, recharges aquifers, and reduces nutrients and sediments in lakes, rivers and streams while ensuring clean water for recreation, fish and wildlife habitat, drinking, and economic vitality.

The Department of Natural Resources (DNR) administers two conservation easement programs to protect and conserve private forests lands that are candidates for conversion to non-forest uses. The Minnesota Forests for the Future Program (MFF) was established by the Minnesota Legislature in 2008 (*Minnesota Statutes*, Chapter 84.66). The DNR also administers the Federal Forest Legacy Program (FLP), the national complement to MFF. FLP was created by Congress in 1990 and is an important partner and funding source for Minnesota's forest conservation efforts.

The FLP and MFF use targeted working forest conservation easements and key fee-title acquisitions to protect, maintain, and enhance important public values on privately owned forest land including:

- Forest ecosystems and their biological resources that sustain a full array of biodiversity and ecological functions;
- Water quality and quantity;
- Fish, game, and nongame wildlife and plant populations;
- Habitats for at-risk species;
- Wood and non-timber products;
- Quality outdoor recreational experiences, including hunting, fishing, and trapping;

- Soil stability and productivity; and
- Biological diversity and aesthetic qualities of the landscape.

The MFF program includes partnerships with other state agencies, federal agencies, counties, Soil and Water Conservation Districts, and non-governmental organizations. Protected land remains in private ownership and prevents conversion of forest to other uses. For example, MFF recently worked with the DNR Aquatic Management Area Program to provide easement incentives to private landowners to protect water quality to sustain critical habitat for tullibee in several key North Central Minnesota lakes.

#### **Proposal:**

This proposal extends a long-term partnership working with landowners, conservation partners, communities, and outdoor enthusiasts to protect and maintain private forests for multiple public benefits including fish and wildlife habitat, recreation, clean water, timber, and jobs. This proposal will:

- Focus on purchasing permanent MFF Working Forest Conservation Easements in the Upper Mississippi River Watershed for water quality protection;
- Acquire up to 1,500 acres of new conservation easements;
- Coordinate with partners working in the watershed;
- Determine payments based on fair-market appraisal;
- Require forest management plans; and
- Monitor every year to ensure compliance with easement terms.

In exceptional cases, DNR will acquire full-fee title ownership for key parcels to consolidate public land, gain access to landlocked public lands for management or public use, or conserve unique natural resources.

#### **Equity and Inclusion:**

All citizens will be impacted by this request, this proposal does not specifically focus on disparate groups. All people and groups benefit from clean water, healthy watersheds, and improved outdoor recreation.

#### **IT Related Proposals:**

There are no additional IT related components to this proposal.

#### **Results:**

<i>Type of Measure</i>	<i>Name of Measure</i>	<i>FY 2008</i>	<i>FY 2018</i>	<i>FY 2021</i>
Quantity	Number of acres with a conservation easement.*	50,000	360,000	361,500

\*MFF goal is 530,000 acres of permanently protected private forests by 2034.

#### **Statutory Change(s):**

NA.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Fund – Lake Index of Biological Integrity (IBI) Assessment

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	1,250	1,250	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	1,250	1,250	0	0
<b>FTEs</b>	<b>16.6</b>	<b>16.6</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$2.5 million from the Clean Water Fund for supporting Minnesota Pollution Control Agency's (MPCA) lake water quality assessment by providing data and interpretation about fish and plant populations.

This funding supports 16.6 staff and other activity costs to contribute to a long-term partnership of Minnesota's executive branch water agencies and local governments to fix and prevent water pollution problems and prevent groundwater over-use.

#### Rationale/Background:

The Clean Water Fund is treated as a new initiative each biennium. The Clean Water Council and the executive branch agencies agree that we need to fund long-term programs to address water quality and quantity issues. The Clean Water Fund supports about 78 FTEs at the Department of Natural Resources (DNR) working on data gathering and analysis, technical support for project implementation, and tools to help local partners target water sustainability, restoration and improvement efforts. The DNR partners with Minnesota's water agencies and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

Agencies and local governments use the resulting information to prevent waters from becoming impaired, restore impaired waters, and protect long-term water supplies from overuse and contamination. The ultimate goal is that Minnesotans have water of sufficient quality and quantity to meet their needs. The Clean Water Fund performance report describes the efforts that state agencies are using to improve and protect water quality and supply using identified performance measures.

#### Proposal:

This proposal is part of a long term, collaborative effort that will lead to cleaner water through targeted implementation projects and programs. The foundation of the effort is comprehensive assessments of water pollution within the state's 80 major surface watersheds and prioritized strategies to address these problems.

Minnesota's water agencies are working with local partners to develop and implement strategies to protect and restore watersheds and groundwater. This proposal supports DNR's efforts related to lake assessment.

By systematically sampling fish and plants in lakes across the state, we can calculate an Index of Biological Integrity (IBI), which is an analysis that can identify water pollution problems based on the type and abundance of certain species in a biological community. The IBI gives a holistic picture of lake condition over time,

complementing other traditional water quality measurements (e. g. phosphorus, water clarity, toxic contaminants).

A key element of this effort is collecting information about the entire fish community, including non-game fish that are often more sensitive to watershed and shoreline disturbance. DNR's fishery managers traditionally have not sampled non-game fish communities. With the support of Clean Water Fund, biologists are now able to include these expanded survey efforts in lakes that have been selected for biological assessment by the DNR and MPCA. The DNR participates in the MPCA watershed assessment process, providing the Fish IBI and plant IBI data and interpretation to identify impaired lakes, those meeting standards, and lakes of exceptional biological quality. In addition, the DNR is providing an analysis of the stressors contributing to impairment on lakes listed as impaired for fish IBI.

Using a plan developed jointly with MPCA, the DNR annually completes about 135 fish IBI surveys, aquatic plant surveys on 50 lakes, and detailed shoreline habitat surveys on 75 lakes.

### **Equity and Inclusion:**

Implementation of this change item will help ensure water of sufficient quality and quantity for all Minnesotans and enhance the ability of all Minnesotans to safely fish, swim, and participate in other water recreation activities.

### **Results:**

Since the passage of the Clean Water Fund, DNR has completed biological assessments in 366 lakes (Figure 1). DNR has used the data to determine that 191 of those lakes are impaired (i.e. not meeting standards). Another 53 lakes were identified as impaired or vulnerable to future impairment based on their fish IBI score. DNR is also maintaining a list of lakes with exceptional biological quality that is used to identify protection priorities in local planning efforts. This is critical to informing restoration and protection efforts under the Clean Water Fund.

# Lakes with Fish IBI Data

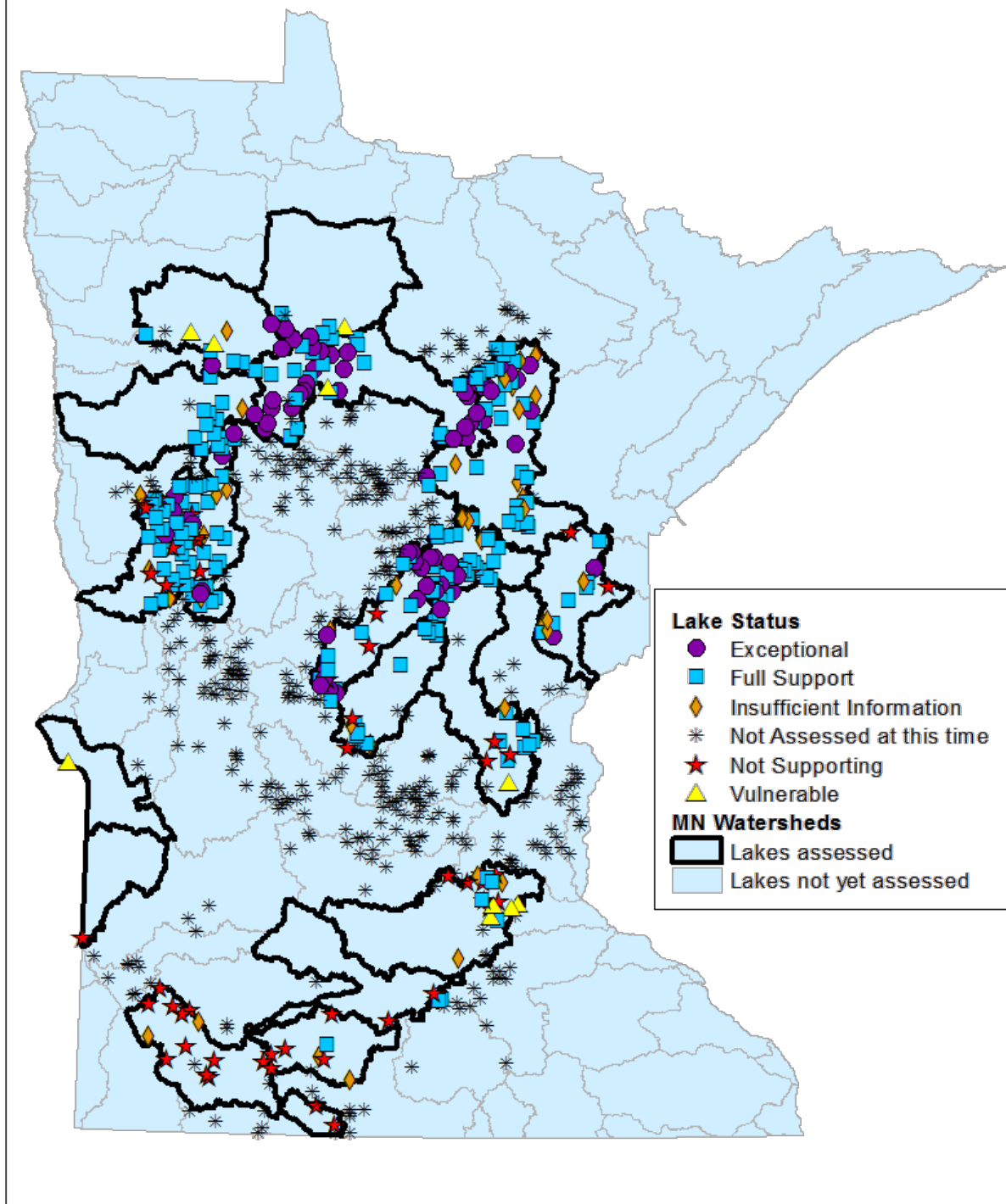


Figure 1 Statewide map showing progress collecting and analyzing fish and aquatic plant data as part of the statewide watershed assessment. Assessment has been completed for 366 lakes in 17 watersheds.

## Statutory Change(s):

No statutory changes will be needed.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Fund – Nonpoint Source Restoration and Protection Activities

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	1,200	1,200	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	1,200	1,200	0	0
<b>FTEs</b>	<b>7.4</b>	<b>7.4</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$2.4 million from the Clean Water Fund to support local planning and implementation efforts, including One Watershed, One Plan, technical assistance with clean water implementation projects, and targeted forest stewardship for water quality.

This funding will support 7.4 staff (plus contracts with outside vendors) in contributing to a long-term partnership of Minnesota's executive branch water agencies and local governments to fix and prevent water pollution problems.

#### Rationale/Background:

The Clean Water Fund is treated as a new initiative each biennium. The Clean Water Council and the executive branch agencies agree that we need to fund long-term programs to address water quality and quantity issues. The Clean Water Fund supports about 78 FTEs at the Department of Natural Resources (DNR) working on data gathering and analysis, technical support for project implementation, and tools to help local partners target water sustainability, restoration and improvement efforts. The DNR partners with Minnesota's water agencies and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

Agencies and local governments use the resulting information to prevent waters from becoming impaired, restore impaired waters, and protect long-term water supplies from overuse and contamination. The ultimate goal is that Minnesotans have water of sufficient quality and quantity to meet their needs. The Clean Water Fund performance report describes the efforts that state agencies are using to improve and protect water quality and supply using identified performance measures.

#### Proposal:

This proposal is part of a long term, collaborative effort that will lead to cleaner water through targeted implementation projects and programs. The DNR directly supports local planning and implementation work for clean water. This includes extensive support in local One Watershed, One Plan efforts, technical assistance with implementation projects, helping permit applicants design and implement environmentally beneficial floodplain culverts that also reduce floodstage, working with local communities to implement new model shoreland ordinances with higher standards for water quality, and targeted forest stewardship for water quality.

DNR staff are providing technical assistance ranging from siting to design to construction on about 80 implementation projects each year. In addition, DNR foresters work with landowners to write and implement forest stewardship plans, covering over 28,000 acres so far in targeted watersheds. With a stewardship plan,

landowners qualify for cost share dollars and incentive programs that prevent development on the property. This program was developed in partnership with the Minnesota Forest Resources Council.

**Equity and Inclusion:**

Implementation of this change item will help ensure water of sufficient quality and quantity for all Minnesotans and enhance the ability of all Minnesotans to safely fish, swim, and participate in other water recreation activities.

**Results:**

DNR staff annually support the completion of six to eight One Watershed, One Plans, provide technical assistance on about 80 implementation projects each year, and write forest stewardship plans covering several thousand acres. Six Minnesota counties have adopted higher shoreland standards following their work with DNR technical experts.

**Statutory Change(s):**

No statutory changes will be needed.



## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Fund – Applied Research and Tools

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	700	700	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	700	700	0	0
<b>FTEs</b>	<b>3.2</b>	<b>3.2</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$1.4 million from the Clean Water Fund for maintaining and updating light detection and ranging (LiDAR)-derived elevation data; developing fine-scale watershed models; and assessing relationships among disturbance patterns, best management practice applications (BMPs), and water quality in forested watersheds.

This funding will support 3.2 FTEs (plus contracts with outside vendors) to contribute to a long-term partnership of Minnesota's executive branch water agencies and local governments to fix and prevent water pollution problems and prevent groundwater over-use.

#### Rationale/Background:

The Clean Water Fund is treated as a new initiative each biennium. The Clean Water Council and the executive branch agencies agree that we need to fund long-term programs to address water quality and quantity issues. The Clean Water Fund supports about 78 FTEs at the Department of Natural Resources (DNR) working on data gathering and analysis, technical support for project implementation, and tools to help local partners target water sustainability, restoration and improvement efforts. The DNR partners with Minnesota's water agencies and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

Agencies and local governments use the resulting information to prevent waters from becoming impaired, restore impaired waters, and protect long-term water supplies from overuse and contamination. The ultimate goal is that Minnesotans have water of sufficient quality and quantity to meet their needs. The Clean Water Fund performance report describes the efforts that state agencies are using to improve and protect water quality and supply using identified performance measures.

#### Proposal:

This proposal is part of a long term, collaborative effort that will lead to cleaner water through targeted implementation projects and programs. The DNR maintains and provides access to LiDAR-derived elevation data that is widely used for targeting and designing implementation projects and for watershed modeling. We develop fine-scale watershed models that enhance our understanding of the effects of drainage, soil health, and different BMPs on water flow and water quality. We also assess relationships among disturbance patterns, BMP applications, and water quality in forested watersheds.

**Equity and Inclusion:**

Implementation of this change item will help ensure water of sufficient quality and quantity for all Minnesotans and enhance the ability of all Minnesotans to safely fish, swim, and participate in other water recreation activities.

**Results:**

LiDAR (Light Detection and Ranging) elevation data provides a fine-scale, detailed digital representation of the landscape. This extremely valuable dataset is used to identify and design implementation projects, reducing the need for field assessments and enhancing accuracy of the predicted effectiveness of those projects.

We annually monitor the implementation of forest management guidelines and BMPs at about 90 selected logging sites in Minnesota's forested watersheds, with a focus on potential impacts to water resources. We analyze data on BMP implementation along with watershed characteristics (slope, soils, etc.) and disturbance patterns (logging, blowdown, fire, etc.) to identify risks to water quality and strategies to reduce these risks. The final step is outreach to forest landowners, managers and loggers aimed at mitigating these risks and ensuring full implementation of water quality BMPs.

**Statutory Change(s):**

No statutory changes will be needed.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Fund – Stream Flow Monitoring

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	2,200	2,200	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	2,200	2,200	0	0
<b>FTEs</b>	<b>15.7</b>	<b>15.7</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$4.4 million from the Clean Water Fund for collecting stream flow data, which is used to calculate pollutant loads for Minnesota Pollution Control Agency's (MPCA) water quality assessments and sampling sediment at select stations to analyze sediment transport in streams. These data also have broad utility for state and local water management efforts.

This funding will support 15.7 FTEs (plus contracts with outside vendors) to contribute to a long-term partnership of Minnesota's executive branch water agencies, which include the Department of Agriculture, Department of Health, Minnesota Pollution Control Agency, Board of Water and Soil Resources, Department of Natural Resources (DNR), and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

#### Rationale/Background:

The Clean Water Fund is treated as a new initiative each biennium. The Clean Water Council and the executive branch agencies agree that we need to fund long-term programs to address water quality and quantity issues. The Clean Water Fund supports about 78 FTEs at the DNR working on data gathering and analysis, technical support for project implementation, and tools to help local partners target water sustainability, restoration and improvement efforts. The DNR partners with Minnesota's water agencies and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

Agencies and local governments use the resulting information to prevent waters from becoming impaired, restore impaired waters, and protect long-term water supplies from overuse and contamination. The ultimate goal is that Minnesotans have water of sufficient quality and quantity to meet their needs. The Clean Water Fund performance report describes the efforts that state agencies are using to improve and protect water quality and supply using identified performance measures.

#### Proposal:

This proposal is part of a long term, collaborative effort that will lead to cleaner water through targeted implementation projects and programs. The foundation of the effort is comprehensive assessments of water pollution within the state's 80 major surface watersheds and prioritized strategies to address these problems.

Minnesota's water agencies are working with local partners to check water quality and aquifer levels, and develop and implement strategies to protect and restore watersheds and groundwater.

The Clean Water Fund has allowed the DNR to expand a network of stream gages that are critical for MPCA's water quality assessments. Funds are used to install, upgrade and calibrate stream gages and to collect, compile, analyze and distribute data collected at gage stations. The Cooperative [Stream Gaging Website](#) provides a portal for agencies and the public to see stream flow data, site photos, water quality information and links to other information. In addition, a Monthly Hydrologic Conditions Report provides general trend information on water resources using climatic data, lake and river gages, and groundwater monitoring information.

**Equity and Inclusion:**

Implementation of this change item will help ensure water of sufficient quality and quantity for all Minnesotans and enhance the ability of all Minnesotans to safely fish, swim, and participate in other water recreation activities.

**Results:**

The DNR will annually collect about 1,300 stream flow measurements and compile records at continuous gage locations. The stream flow and sediment information collected from these gage stations will be used by MPCA to calculate pollution loads for Total Maximum Daily Loads. These data will also be used to evaluate trends in base flow conditions, determine the frequency and magnitude of floods and low flows, assist in assessing changes in land use and watershed conditions and the potential effects of climate change.

**Statutory Change(s):**

No statutory changes will be needed.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Clean Water Legacy – Watershed Restoration and Protection Strategies

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Other Funds				
Expenditures	2,016	2,016	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	2,016	2,016	0	0
<b>FTEs</b>	<b>17</b>	<b>17</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$4.032 million from the Clean Water Fund to provide state and local partners with expertise, data, and analysis that supports watershed studies and helps identify lasting watershed restoration and protection strategies.

This funding will support 17 FTEs (plus contracts with outside vendors) to contribute to a long-term partnership of Minnesota's executive branch water agencies and local governments to fix and prevent water pollution problems.

#### Rationale/Background:

The Clean Water Fund is treated as a new initiative each biennium. The Clean Water Council and the executive branch agencies agree that we need to fund long-term programs to address water quality and quantity issues. The Clean Water Fund supports about 78 FTEs at the Department of Natural Resources (DNR) working on data gathering and analysis, technical support for project implementation, and tools to help local partners target water sustainability, restoration and improvement efforts. The DNR partners with Minnesota's water agencies and local governments to fix and prevent water pollution problems and prevent groundwater overuse.

Agencies and local governments use the resulting information to prevent waters from becoming impaired, restore impaired waters, and protect long-term water supplies from overuse and contamination. The ultimate goal is that Minnesotans have water of sufficient quality and quantity to meet their needs. The Clean Water Fund performance report describes the efforts that state agencies are using to improve and protect water quality and supply using identified performance measures.

#### Proposal:

This proposal is part of a long term, collaborative effort that will lead to cleaner water through targeted implementation projects and programs. The foundation of the effort is comprehensive assessments of water pollution and supply problems within the state's 80 major surface and prioritized strategies to address these problems.

The DNR contributes specialized expertise in watershed science that helps the Minnesota Pollution Control Agency (MPCA) and local partners build watershed models, identify stressors, prioritize waters for protection, and develop watershed restoration and protection strategies. We do this through local participation in WRAPS (Watershed Restoration and Protection Strategies) teams and with a statewide Watershed Health Assessment Framework, which is a web-based tool for accessing watershed data and exploring watershed health concepts.

The Watershed Health Assessment Framework is a [web-based tool](#) for resource managers and others interested in the ecological health of Minnesota's watersheds. The framework is based on the five components of watershed health described below. A suite of 18 health scores has been calculated to describe watershed characteristics at multiple scales. This web-based tool give user's easy access to extensive data without the need for GIS technology.

**Equity and Inclusion:**

Implementation of this change item will help ensure water of sufficient quality and quantity for all Minnesotans and enhance the ability of all Minnesotans to safely fish, swim, and participate in other water recreation activities.

**Results:**

This proposal will provide funding to continue watershed assessments and developing strategies to meet water quality goals. Specifically, the MPCA collects and analyzes data on water quality (nutrients, sediment, toxic contaminants, dissolved oxygen, etc.) and biology (fish and aquatic invertebrates in streams). The DNR adds information and expertise in hydrology (water flow and water levels), geomorphology (stream stability and erosion), and connectivity (dams and other barriers that prevent natural movement of water, sediment, and fish). These five components of watershed health interact to determine whether streams and rivers can support swimming, fishing, and aquatic life. The DNR's expertise in hydrology, geomorphology, and connectivity helps the MPCA determine the cause of water quality impairments and, more importantly, it directly informs local governments' efforts to implement projects.

Collectively, the agencies and partners completed the initial statewide assessment of all 80 major watersheds. The second cycle of watershed monitoring has begun, circling back to watersheds first monitored in 2008. All major watersheds in the state will be monitored every 10 years to see if conditions are improving or declining. This second round of monitoring will focus on detecting changes and filling in data gaps to further inform on-the-ground practices.

Each year, the DNR indirectly supports local implementation of projects with watershed and site specific information that helps partners address the root causes of pollution problems. In FY18, DNR gathered and analyzed data and information for 35 watersheds, including 133 stream studies.

**Statutory Change(s):**

No statutory changes will be needed.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Parks and Trails Legacy – DNR Parks and Trails

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
Parks and Trails Legacy Fund				
Expenditures	20,280	20,447	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	20,280	20,447	0	0
FTEs	42	42	0	0

#### Recommendation:

The Governor recommends \$20.28 million in FY20 and \$20.447 million in FY21 from the Parks and Trails Legacy Fund for the Department of Natural Resources (DNR) to advance goals from the 25-year Parks and Trails Legacy Plan within Minnesota state parks and trails. The core goals include connecting people to the outdoors, acquiring land and creating opportunities, taking care of what we have, and coordinating with partners.

#### Rationale/Background:

The Clean Water, Land, and Legacy Amendment created the Parks and Trails Fund, which is an important source of funding for improving parks and trails statewide. The DNR uses the Legacy Fund to help establish a 21st century state park and trail system that attracts future generations to experience the outdoors, while supporting the economic vitality of surrounding communities and ensuring the protection of the state's unique resources.

DNR, Greater Minnesota Regional Parks and Trails Commission (GMRPTC) and Metropolitan Council are working together to advance a more coordinated approach to achieve outcomes for the Parks and Trails Legacy Fund. For the 2020-21 biennium, the implementing agencies continue to support a percentage distribution of "40-40-20," where 40 percent is allocated to the DNR, 40 percent to Metropolitan Council, and 20 percent for GMRPTC, as well as approximately 1 percent allocated "off the top" for coordination. This percentage distribution was agreed to by a 2011 Parks and Trails Legacy Funding Work Group, and was recommended for three biennia (through FY18-19). With the addition of the funding diversification for GM (see separate GM change item), it is supported for FY20-21 by the three implementing agencies and Minnesota's Legacy Advisory Committee, and remains the best approach for allocating the Parks and Trails Legacy Fund.

#### Proposal:

With these funds, DNR will continue to advance the four main goals associated with the 25-year Parks and Trails Legacy Plan:

- **Connect People to the Outdoors.** DNR continues to promote and provide innovative programs and special events that educate, interpret and build outdoor stewardship skills. For example, the "*I Can!*" series reaches out to young families and new park and trail users to teach skills such as camping, climbing, paddling, archery and more. In 2017, DNR reached more than 250,000 participants through interpretive programs, with skill-building programs reaching about 49,000 of those participants.
- **Acquire Land, Create Opportunities.** DNR will pursue high-priority acquisitions that provide important connections and/or preserve important natural and cultural resources. These include state park inholdings and critical segments for state trail corridors. New development and rehabilitation projects create recreation opportunities with potential to increase state park and trail use.
- **Take Care of What We Have.** DNR will ensure high-quality outdoor recreational experiences through infrastructure renewal and increased accessibility. This will include, for example, new and enhanced campgrounds, trail bridges, and energy efficiency projects. DNR also manages and restores natural

landscapes within the state park and trail system.

- **Coordinate with Partners.** While agencies and organizations can do a great deal of Legacy work on their own, ultimately DNR is striving to provide a seamless system of parks and trails in Minnesota. Coordination and cooperation ensure work is cost effective and meaningful to all Minnesotans.

### Equity and Inclusion:

Legacy funding seeks to make the outdoors accessible to all Minnesotans, including communities of color in urban and rural Minnesota. To continue to serve current customers, and diversify those numbers to include new and underserved groups, the agencies are guided by the target markets specifically identified in the 25-year plan including youth and young adults, families with children, racial and ethnic minorities, new immigrants, and older adults. For example, low-cost skill building programs are marketed to diverse audiences through a variety of media and languages. Participants of the popular “I Can Camp” program, in particular, have been more ethnically diverse than state park visitors, or the population of Minnesota as whole.

### IT Related Proposals:

This proposal does not include an IT component.

### Results:

In keeping with the strategic directions set forth in the Parks and Trails Legacy Plan, the DNR has expanded and improved outdoor recreation opportunities across the state. Key indicators of success include:

- **More people are getting outdoors.** State park permit sales, overnight stays and program participation have all increased since 2009. Overall attendance at interpretive programs increased by almost 20 percent from 2009 to 2017.
- **New opportunities and acquisitions exist at Minnesota state parks and trails.** Over the past nine years, Legacy-funded acquisitions have increased the total acres of parkland and the total miles of state trails. Legacy funding has also made a number of important development projects possible. For example, since 2009 the DNR has completed the following for:
  - **Camping:** Started or completed major new campgrounds at Whitewater and Split Rock Lighthouse state parks; created a new group camp at Lake Bemidji State Park; constructed 2 RV sanitation stations; and constructed 7 yurts at 3 state parks.
  - **Visitor Centers:** Constructed trail centers at Bear Head Lake State Park and Tettegouche State Park (leveraged with bonding) and a new day use area at LaSalle State Recreation Area (SRA).
  - **Biking:** Built a new 5.5 mile bike trail in Glendalough State Park and a connecting trail in partnership with the City of Battle Lake and Otter Tail County; repaved and widened the Glacial Lakes State Trail from Spicer to Wilmar; built the new 6-mile paved Browns Creek State Trail; paved 23 miles of the Luce Line State Trail, connecting the cities of Hutchinson, Silver Lake, and Winsted; and at Cuyuna Country SRA, created four progressively more difficult mountain bike trail loops and a new trail connection to City of Crosby.
  - **Accessibility:** Made accessibility improvements at 75 state parks and trails and state forest recreation areas, including replacing picnic tables and adding accessible fire rings.
  - **Clean Energy:** Installed 14 renewable energy systems across state parks and trails.
  - **Unique experiences:** Reintroduced bison at Minneopa State Park.
- **Native landscapes and aging structures have been restored.** Since the start of Legacy funding, the pace of native plant restoration at state parks and trails has increased 24 percent, prescribed burning has increased 27 percent, and control of invasive plants has increased by nearly 150 percent. In addition, Legacy funds have been used to make improvements to our aging infrastructure and to reinvigorate visitor services. More than a third of the 300 bridges on state trails are over 100 years old, and we’ve used Legacy funding to repair or replace over 60 of them since 2009.

### Statutory Change(s):

This proposal does not require any statute changes.



## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Parks and Trails Legacy – Greater Minnesota Regional Parks and Trails

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Parks and Trails Legacy Fund				
Expenditures	10,140	10,224	0	0
Net Fiscal Impact = (Expenditures – Revenues)	10,140	10,224	0	0
FTEs	1	1	0	0

#### Recommendation:

The Governor recommends \$10.14 million in FY20 and \$10.224 million in FY21, or 20 percent, of the Parks and Trails Legacy Fund to support the Parks and Trails Legacy Grant Program for Greater Minnesota Regional Parks and Trails Commission (GMRPTC). This funding provides grants to local governments to connect people to the outdoors, help create new parks and trails, and maintain existing ones.

#### Rationale/Background:

GMRPTC provides the leadership and strategic direction for this grant program, while the Department of Natural Resources (DNR) acts as the fiscal agent and administers the grants according to the Office of Grants Management. Up to 4.5 percent of the total appropriation may be used for the Greater Minnesota Regional Park and Trail Commission to maintain an Executive Director and necessary support functions, and up to 2.5 percent of the total appropriation may be used for DNR to manage the grants, according to standards consistent with the Minnesota Office of Grants Management. This continues the partnership approach of FY16-19, with GMRPTC providing leadership for the grant program, while DNR provides contract management services.

The Clean Water, Land, and Legacy Amendment created the Parks and Trails Fund, which is an important source of funding for parks and trails statewide. The DNR, GMRPTC, and the Metropolitan Council are working together to advance a more coordinated approach to achieve outcomes for the Parks and Trails Legacy Fund. For the 2020-21 biennium, the implementing agencies continue to support a percentage distribution of “40-40-20,” where 40 percent is allocated to the DNR, 40 percent to Metropolitan Council, and 20 percent for GMRPTC, as well as approximately 1 percent allocated “off the top” for coordination.

The 2013 Legislature established the GMRPTC to advance system planning in greater Minnesota and to provide recommendations to the legislature for grants funded by the Parks and Trails Legacy Fund. The scope of this work is for parks and trails of regional significance in counties and cities outside the seven-county metropolitan area (Minnesota Statutes, 85.536).

#### Proposal:

This proposal provides for a competitive grant program that will help create a seamless system of outdoor recreation across the state and achieve the goals of the 25-year Parks and Trails Legacy Plan. It plays a critical role for enhancing outdoor recreation participation in greater Minnesota, conserving important natural features, connecting people to the outdoors, and contributing to local economic benefits around the state. The GMRPTC will continue to lead the regional parks and trails competitive grant program by guiding the planning and grant selection for Greater Minnesota. The DNR will continue to work closely with the commission and provide contract management for funded projects, as well as technical assistance to grant applicants and recipients.

**Equity and Inclusion:**

Legacy funding seeks to make the outdoors accessible to all Minnesotans, including communities of color in urban and rural Minnesota. To continue to serve current customers, and diversify those numbers to include new and underserved groups, the Legacy programs are guided by the target markets in the 25-year plan including youth and young adults, families with children, racial and ethnic minorities, new immigrants, and older adults.

**IT Related Proposals:**

This proposal does not include an IT component.

**Results:**

This program provides grants to local governments to create and maintain outdoor recreation opportunities of regional or statewide significance in Greater Minnesota. Performance measures include:

- The number and type of grants and dollars awarded;
- Results achieved (e.g., acres acquired, parks and trails developed, and satisfaction of park and trail users); and
- Economic trends and benefits resulting from local parks and trails.

Since 2010, Greater Minnesota Legacy funds have been used to acquire more than 1,900 acres of land for regional parks and build or rehabilitate over 400 miles of regional trails. These important projects, most in rapidly growing areas, provided the land and infrastructure for new recreational opportunities. The amount of acres acquired or trail miles built vary from year to year due to a number of factors, including land prices, construction costs, and specific project differences.

Type of Measure	Name of Measure	FY10/11	FY12/13	FY14/15	FY16/17	FY18/19	Estimated FY20/21
Quantity	Number of grants	38	41	12	25	25	20-40
Results	Regional Park Acres Acquired	202	608	314	472	306	300-500
Results	Trails Miles Developed and/or Rehabilitated	117	171	54	40	51	50-100

Currently grant outcomes are measured on the DNR's website at:

[Grant Outcomes \(http://www.dnr.state.mn.us/grants/outcomes/index.html\)](http://www.dnr.state.mn.us/grants/outcomes/index.html).

The commission will continue to report grant outcomes through the DNR website and/or the Legislative Coordinating Committee (LCC) Legacy website.

**Statutory Change(s):**

This proposal does not include any statute changes.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Parks and Trails Legacy – Coordination Among Partners

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	0	0	0	0
Revenues	0	0	0	0
Parks and Trails Legacy Fund				
Expenditures	512	516	0	0
Revenues	0	0	0	0
Net Fiscal Impact = (Expenditures – Revenues)	512	516	0	0
<b>FTEs</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends \$512,000 in FY20 and \$516,000 in FY21 from the Parks and Trails Legacy Fund to advance a coordinated approach for a seamless system of parks and trails in Minnesota. This proposal advances integrated research and planning; development, management, and marketing of web-based systems; support for the Parks and Trails Legacy Advisory Committee; restoration evaluation; and other priority coordination needs such as youth involvement, promoting public health, and connecting underrepresented audiences. These amounts represent about 1 percent “off the top” of the Parks and Trails Legacy Fund.

This proposal is supported by the three implementing agencies – Department of Natural Resources (DNR), Greater Minnesota Regional Parks and Trails Commission (GMRPTC), and the Metropolitan Council – and Minnesota’s Legacy Advisory Committee (LAC). The products and benefits of this change item are shared among these three implementing agencies. The responsibility for coordinating, planning and communicating are also shared to ensure that these benefits meet the needs of the three entities and all residents of Minnesota.

#### Rationale/Background:

The DNR, GMRPTC, and the Metropolitan Council are working together to advance a more coordinated approach to achieve outcomes for the Parks and Trails Legacy Fund. The state and regional parks and trails system is made up of different providers across the state funded by numerous sources. This complex network poses a challenge to state and regional providers interested in meaningful coordination, as well as end users who seek quality, connected and accessible opportunities. Coordination is essential to achieve the vision laid out in the *Parks and Trails Legacy Plan* and to ensure that the principles the public developed for the use of Legacy Funds are achieved. Effective coordination results in wise use of funds and may result in cost savings.

A major goal for all outdoor recreation providers is to increase the per capita participation in nature-based outdoor recreation. The primary driving factor behind this trend is a decline in involvement among young adults and their children, for older adults, urban individuals and communities of color. Coordinated research information and evaluation should help in our joint efforts to increase outdoor recreation participation.

#### Proposal:

This request builds on previous appropriations from the Park and Trail Legacy Fund related to coordination and research.

- *Research and system planning* – coordinated action continues to be needed across the three systems to understand who is using the state and regional park and trail system, where they are coming from, their satisfaction with facilities and programs, and how to better connect our target markets to the outdoors.

Coordinated research and planning is critical to ensuring Minnesotans' expectations for use of the Park and Trail Legacy Fund are being met.

- *Web-based systems* – One of the goals in the *Parks and Trails Legacy Plan* is enhanced, integrated and accessible information for park and trail users. An integrated web discovery tool was launched in FY18 ([mn.gov/greatoutdoors](http://mn.gov/greatoutdoors)), which has been well received and offers users a truly seamless system to explore. This proposal will build on that effort by providing maintenance and marketing resources, and developing enhanced features.
- *Support for the Legacy Advisory Committee (LAC)* - The mission of the LAC is to “champion the 25-year Parks and Trails Legacy Plan by providing recommendations to enhance promotion, coordination, and accountability throughout implementation of the plan.” ([www.legacy.mn.gov/ptlac](http://www.legacy.mn.gov/ptlac)).
- The LAC was created as a part of the implementation of the 25-year *Parks and Trails Legacy Plan*. Committee members advise the convening sponsors (GMRPTC, Metropolitan Council, and DNR) on the implementation of the Legacy Plan. The committee is comprised of volunteers who travel from around the state. Reimbursement for travel expenses and support for their work makes participation possible for a diversity of Minnesotans.
- *Restoration evaluation* – Evaluation of natural resource restoration projects across all four Legacy Funds will determine progress toward achievement of restoration goals. A significant amount of Legacy Funds has been invested in restoration projects and an assessment of progress will guide future investments. This proposal will help achieve legislative mandates for restoration evaluation.
- *Other priority coordination needs such as joint marketing and youth involvement, and equity* - Other priority coordination needs such as joint marketing and youth involvement, promoting the health benefits of outdoor recreation, and connecting racially and ethnically diverse audiences need a coordinated effort.

### **Equity and Inclusion:**

Legacy seeks to make the outdoors accessible to all Minnesotans, including communities of color in urban and rural Minnesota. To continue to serve current customers, and diversify those numbers to include new and underserved groups, the agencies are guided by the target markets specifically identified in the 25-year plan including youth and young adults, families with children, racial and ethnic minorities, new immigrants, and older adults. Investments to rehabilitate aging infrastructure also incorporate current accessibility standards.

### **IT Related Proposals:**

This proposal does not include an IT component.

### **Results:**

Improve performance for achieving the goals of the 25-year *Parks and Trails Legacy Plan*, and increase effectiveness and efficiency of Parks and Trails Legacy Funds. Specific results include:

- Maintain and enhance the recently launched integrated, user-friendly website (Minnesota's Great Outdoors) and market it to the benefit of our target markets.
- Implement commonly agreed research priorities across the three systems for standardized visitor information.
- Hold six LAC meetings per year with the completion of an annual work plan designed to monitor and evaluate and recommend how to implement the *Parks and Trails Legacy Plan*.
- Complete restoration evaluations and an assessment of the acres of natural resource sites improved.
- Increase engagement among youth and diverse audiences, and promote the public health benefits of outdoor recreation.

### **Statutory Change(s):**

This proposal does not include any statute changes.

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Office of School Trust Lands Funding

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures (ADM)	(187)	(187)	(187)	(187)
Expenditures (DNR)	187	187	187	187
Other Funds (Perm School)				
Expenditures (ADM)	(300)	(300)	(300)	(300)
Expenditures (DNR)	300	300	300	300
Net Fiscal Impact = (Expenditures – Revenues)	0	0	0	0
<b>FTEs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

#### Recommendation:

The Governor recommends moving the responsibilities of fiscal agent for the Office of School Trust Lands (OSTL) from the Department of Administration (ADM) to the Department of Natural Resources (DNR). This proposal does not alter the mission or work of the OSTL. It moves funding for the Office of School Trust Lands to the DNR at the same level that it currently exists at ADM. This proposal is therefore budget neutral.

#### Rationale/Background:

Since 2014, current law appropriates funding for OSTL to the ADM. Additionally, DNR, Department of Education and OSTL entered into a Memorandum of Understanding (MOU) that facilitates the OSTL working relationship with DNR. The multi-agency MOU establishes that ADM will be the primary fiscal agent for OSTL (consistent with current law) and that DNR will provide office space and operations support (fleet, IT, contract review, etc.). Although this operating structure works, it creates administrative inefficiencies as it requires DNR to bill ADM quarterly for the services provided to OSTL. This proposal seeks promote administrative efficiency by discontinuing the dual accounting and quarterly billing between OSTL, ADM and DNR.

#### Proposal:

This proposal moves the appropriations for OSTL from ADM to DNR. It does not change the purpose or function of the OSTL or request additional appropriations. It merely seeks to gain operational efficiencies by reducing the number of fiscal agents for OSTL.

#### Equity and Inclusion:

OSTL has not identified any protected class or group that this proposal would negatively impact.

#### IT Related Proposals:

Not applicable.

#### Results:

This proposal will increase administrative efficiencies to the OSTL, ADM and DNR.

#### Statutory Change(s):

None

## Department of Natural Resources

### FY 2020-21 Biennial Budget Change Item

#### Change Item Title: Transportation Funding Package

Fiscal Impact (\$000s)	FY 2020	FY 2021	FY 2022	FY 2023
General Fund				
Expenditures	40	130	170	180
Revenues	227,944	223,744	224,644	226,344
Highway User Tax Distribution				
Revenues	187,056	719,656	851,056	879,856
Transfers Out	187,056	719,656	851,056	879,856
Trunk Highway Fund				
Expenditures	107,680	416,878	492,361	508,891
Transfer In	107,680	416,878	492,361	508,891
County State Aid Fund				
Revenues	(3,700)	(3,100)	(2,500)	(1,900)
Expenditures	55,808	227,280	269,594	279,329
Transfer In	59,508	230,380	272,094	281,229
Municipal State Aid Fund				
Expenditures	15,631	60,515	71,472	73,871
Transfer In	15,631	60,515	71,472	73,871
Transit Assistance Fund				
Expenditures	7,400	16,800	18,400	19,900
Revenues	7,400	16,800	18,400	19,900
Transportation Fund				
Revenues	(13,400)	(14,000)	(14,600)	(15,300)
Expenditures	(13,400)	(14,000)	(14,600)	(15,300)
DNR Transfers				
Expenditures	3,846	4,200	4,350	4,384
Transfer In	4,237	11,883	15,129	15,865
<b>Net Fiscal Impact =</b> <b>(Expenditures – Revenues)</b>	<b>(228,295)</b>	<b>(231,297)</b>	<b>(235,253)</b>	<b>(237,645)</b>
<b>FTEs (MnDOT)</b>	<b>0</b>	<b>50</b>	<b>75</b>	<b>100</b>
<b>FTEs (DNR)</b>	<b>6.25</b>	<b>6.25</b>	<b>6.25</b>	<b>6.25</b>
<b>*HUTD Transfers out include transportation funds only.</b>				

#### Recommendation:

The Governor recommends the state commit to a major transportation investment plan to fund the estimated \$6 billion dollar gap that exists between funding needs and available revenues over the next 10 years. The Governor proposes filling the \$6 billion gap in road and bridge funding by:

- Initiating a 20 cent gas tax increase (phased-in over two years in September and April in FY20 and FY21)
- Indexing the gas tax to inflation (beginning in FY23)
- Increasing the registration tax, effective January 1, 2020 (increase tax rate from 1.25 percent to 1.5 percent and base tax fee from \$10 to \$45; change the depreciation schedule; amend base value calculation by removing destination charge and hold harmless provision of statute)
- Increasing the motor vehicle sales tax from 6.5 percent to 6.875 percent, effective December 1, 2019
- Authorizing \$2 billion in trunk highway bonds over 8 years starting in 2022

The gas tax, registration tax, and motor vehicle sales tax increases will fund roads and bridges for the state trunk highways, county state aid highways, and municipal state aid streets. In the FY22-23 biennium, when revenue changes are completely phased in, the increased revenue from the gas tax, motor vehicle sales tax, and registration fees are forecast to increase available resources for each transportation fund by 30 percent.

To help lower- and middle-income Minnesotans pay for transportation investments, the governor proposes an increase to the Working Family Credit of \$100 for each single or head of household recipient and \$200 for each married filing jointly recipient. This proposal is described in the Tax Aids, Credits and Refunds section.

#### **Other Components:**

In addition to the new funding above, the Governor recommends:

- Returning the auto parts sales tax, 9.2 percent motor vehicle rental tax, and 6.5 percent sales tax on motor vehicle rentals currently deposited into the Highway User Tax Distribution (HUTD) Fund as of FY18 back to the General Fund beginning in FY20. This results in an increase to the General Fund of \$396 million in FY20-21 and \$405 million in FY22-23.
- Restoring the motor vehicle lease sales tax to the pre-2018 distribution levels. This results in \$32 million returned to the General Fund, annually.
- General fund revenues are reduced by \$8.2 million in the FY20-21 biennium due to increased petroleum refunds and income tax interactions with the registration tax. General fund expenditures increase by \$170,000 for the biennium for increased aid to counties with casinos under [M.S. 270C.19](https://www.revisor.mn.gov/statutes/cite/270C.19) (<https://www.revisor.mn.gov/statutes/cite/270C.19>) due to the increase in gas tax.
- In total, the General Fund would receive a net \$452 million in FY20-21 and \$451 million in FY22-23.

Authorization for the sale of \$2 billion in trunk highway bonds over 8 years starting in 2022 (\$250 million per year). Debt service for these bonds is estimated to be \$19.1 million for the FY22-23 biennium.

Several components in this proposal require changes to the Minnesota Licensing and Registration System (MNLARS). Costs associated with changes to MNLARS will be funded through the Department of Public Safety's MNLARS budget recommendation.

#### **Rationale/Background:**

Minnesota cannot preserve and improve quality and performance of the state's transportation systems under the combined limitations of current investment levels and current lifecycle replacement practices. The consequences of underinvesting in the state's transportation system will include deterioration in service, increases in congestion, failing infrastructure and diminished ability to remain economically competitive. This is because transportation systems facilitate the efficient movement of people and goods and create the opportunity for economic development, enhanced productivity, job formation and sustainable growth. Without additional investment, the transportation system will not be able to expand to accommodate expected population and job growth. In addition, alternatives to driving alone must play a larger role in satisfying growing transportation demand - roads, transit and other transportation modes must work together as one system.

#### Road and Bridge Funding

The 2018 Minnesota Statewide Highway Investment Plan (MnSHIP) determined additional funding was needed for transportation, due largely to aging infrastructure and construction costs exceeding the growth of existing revenues. Overall, the department faces a \$6 billion gap in revenue over the next ten years above current fund balance projections to fund needed investments in state road construction. Of this total gap, roughly \$4 billion is needed for preservation and modernization, and \$2 billion is needed for strategic expansion.

Without additional revenue, there will be:

- Increasing deterioration of pavement and bridges on state system. The percent of highway pavement considered in poor condition (rough driving surface) and the percent of bridge deck pavement considered in poor condition it is estimated to increase significantly in the next 20 years.

- Very little expansion to address population and economic growth
- Reductions in high priority products and service delivery

In addition, more operations and maintenance dollars are recommended, calculated at 5 percent of new Trunk Highway Fund revenues. This additional funding will be spent on snow plowing, fixing pot holes and guard rails, etc. Investing in operations and maintenance is needed due to declining asset conditions, increased snow and ice requirements, and the need for more timely maintenance.

## **Proposal:**

### Road and Bridge funding components

New revenues and bonding would be identified to help close the funding gap over the next ten years. The goal is an integrated transportation system that optimizes the movement of people and goods across the state. With new funding, we can:

- Improve asset management - preserve and modernize the existing system
- Invest in strategic mobility enhancements, including MnPASS
- Complete strategic expansion on key corridors throughout the state
- Complete Main Street improvements

The benefits for Minnesotans will include:

- Reduced wear and tear on their cars
- Fewer stops at the fuel pump due to smoother roads and reduced congestion
- Fewer accidents
- More time doing what they need to do
- Reduced impacts on our environment

MnDOT has identified pavement and bridge needs as well as mobility projects that are not currently being addressed through its 10-year work plan. These unmet needs and projects will be given priority. These funds will provide for capital costs of construction as well as project development and engineering activities with contractor support, allowing the department to utilize this funding in the most efficient manner.

MnDOT proposes to utilize the increased operating appropriations for our highest-priority products and services. Some of these include:

- Snow and Ice - keeping the roads clear of snow and ice
- System Roadway Structures Maintenance – repair potholes (pavement repair)
- Bridges and Structures Inspection and Maintenance
- Intelligent transportation systems for improved safety and mobility

The Governor's proposal provides constitutionally dedicated funding increases that can be relied on over the long term and can only be used for transportation purposes. Returning auto parts and other taxes to the general fund results in the availability of funding for other state priorities.

### Department of Natural Resources Funding Components

The Department of Natural Resources (DNR) receives a portion of the unrefunded gasoline tax, which has supported the state's recreational motorized vehicle activities and forest roads since 1961. This funding is dedicated to the DNR with the broader goal that the unrefunded gasoline proceeds should support programs related to non-highway gasoline use.

This revenue enables additional investment in Minnesota's water recreation facilities and services. The proposal funds \$3.35 million annually for increased operations and maintenance of public water access sites and state water trails (\$1.35 million) and increasing boating access site rehabilitation (\$2 million). Additionally, this proposal increases grants to local sheriff offices by \$300,000 annually to reimburse for search and rescue efforts.



This proposal also increases revenues to DNR's forest road account by \$196,000 in FY20, \$550,000 in FY21, \$700,000 in FY22, and \$734,000 in FY23. The state and counties (with a land commissioner) split this revenue 52% and 48% respectively. This increase funds additional graveling, grading, and drainage projects to maintain the state's 2,340-mile forest road network used by the forest industry, emergency responders and outdoor enthusiasts.

#### Transit Funding Components

Revenue from the motor vehicle sales tax is split between the HUTD (60 percent) and the Transit Assistance Fund (40 percent). The Metropolitan Council receives 90 percent of the motor vehicle sales tax revenue in the Transit Assistance Fund and MnDOT receives the remaining 10 percent for greater Minnesota transit. The Metropolitan Council will receive an additional \$28 million in FY20-21 and \$38 million in FY22-23 from the motor vehicle sales tax increase.

#### **Equity and Inclusion:**

A safe, reliable and multimodal system of transportation is vital to ensuring equity and inclusion by connecting communities statewide. This needed funding will also provide additional contracting opportunities to certified small businesses and opportunities to work towards enterprise-wide goals of equity and inclusion.

#### **IT Related Proposals:**

N/A

#### **Results:**

Currently, Minnesota's total state gasoline taxes are 28<sup>th</sup> highest in the country, including District of Columbia. Since 2013, Minnesota has dropped from 19<sup>th</sup> highest state gasoline taxes, as a result of other states increasing their gasoline tax rate. Over a 10-year period, the inflation-adjusted tax on gasoline is projected to add an additional 29 cents to the price of a gallon of gasoline.

These investments would provide additional long-term sustainable and dedicated funding. MnDOT would plan to rehabilitate the system for the 21st century by:

- Improving a significant portion of centerline miles of pavement and increase the number of bridges that can be repaired or replaced
- Accelerate progress toward the state goal of zero highway deaths with targeted installation of rumble strips, median barriers, lighting and other safety improvements. The Minnesota Toward Zero Death program has helped decrease injuries and deaths on the highway
- Keep roadside infrastructure in a state of good repair

In addition, MnDOT has operating performance measures that will be impacted by this proposal. All are anticipated to decline without additional funding; and this would reduce the decline. They include:

- Snow Plowing Performance – meet clearance targets
- Smooth Roads – percent of pavement patching addressed
- Percent of projects let in the year scheduled

#### **Statutory Change(s):**

Gasoline Tax: M.S. 296A.07 and M.S. 296A.08

Vehicle Registration Taxes: M.S. 168.013

Motor Vehicle Sales Tax: M.S. 297B.02

Motor Vehicle Lease Sales Tax: 297A.815

General Fund Transfers: M.S. 297A.94 and 297A.64

**Program: Lands and Minerals Resource Management****Activity: Lands and Minerals Resource Management**[dnr.state.mn.us/lands\\_minerals/index.html](http://dnr.state.mn.us/lands_minerals/index.html)**AT A GLANCE**

- Collected \$17 million in revenue from state-owned mineral resources in FY17
- Minnesota ranked first in the nation for iron ore production
- Completed 91 acquisitions of land and interests in land in FY17
- Calculated in lieu of tax payment of approximately \$35.8 million for distribution to local government annually
- Managed 12 million acres of state-owned mineral rights including 3.5 million acres of school trust mineral assets
- Managed real estate activities for 5.6 million acres of state-owned land, including 2.5 million acres of school trust lands

**PURPOSE & CONTEXT**

The Division of Lands and Minerals manages all state-owned mineral rights and provides real estate services for Department of Natural Resources (DNR) managed lands.

Lands and Minerals ensures that mining is designed to protect natural resources and that sites are properly reclaimed for future use once mining is complete. The mineland reclamation activity promotes a healthy environment with sustainable use of natural resources.

The Division's land management activity includes oversight of the school trust lands, which generate revenue by leasing state surface lands and mineral rights. These funds go to school districts throughout the state and the University of Minnesota and its students, as well as local towns, cities, and counties.

**SERVICES PROVIDED**

The Division of Lands and Minerals meets its goals through three bodies of work:

**Minerals Management**

- The Division gathers mineral resource information to encourage further exploration and investment. It maintains a drill core library of past exploration and drillings that provides geological insight into future sites. The Division maps the location of sand and gravel to identify future resources and aid in local planning.
- The Division issues state mineral leases through public sales and negotiations. This includes leases at the earliest stage of exploration to leases at active mines.
- It reviews all exploration plans to ensure environmental protection criteria are met and conduct field inspections of the exploration activity on state and private lands. Exploration companies are searching for valuable deposits of copper, nickel, platinum, palladium, and other precious metals.
- The Division monitors the terms and conditions of the state mineral leases, including performance requirements.
- The Division closely monitors iron ore being removed from state lands. It verifies volumes, collect the revenues due, and distribute them to school trust land, the university trust, and local communities.

### **Mine Permitting and Reclamation**

- The Division administers permits to mine that are required before metallic mineral mining operations may start on any land. It ensures permits include conditions to protect the environment, preserve natural resources, provide for financial assurance, govern mine reclamation, and plan for future use of the land.
- The Division administers water appropriation permits and work in public water permits needed for metallic minerals mining and peat mining. It ensures permits include conditions to allow reasonable use and protect the state's water resources.
- The Division inspects mining operations to ensure permit compliance. This includes monitoring ongoing operations, reclamation, water use, and environmental protection activities.
- It conducts environmental research to better understand potential water quality and other mining impacts and to evaluate new ways to reduce impacts.

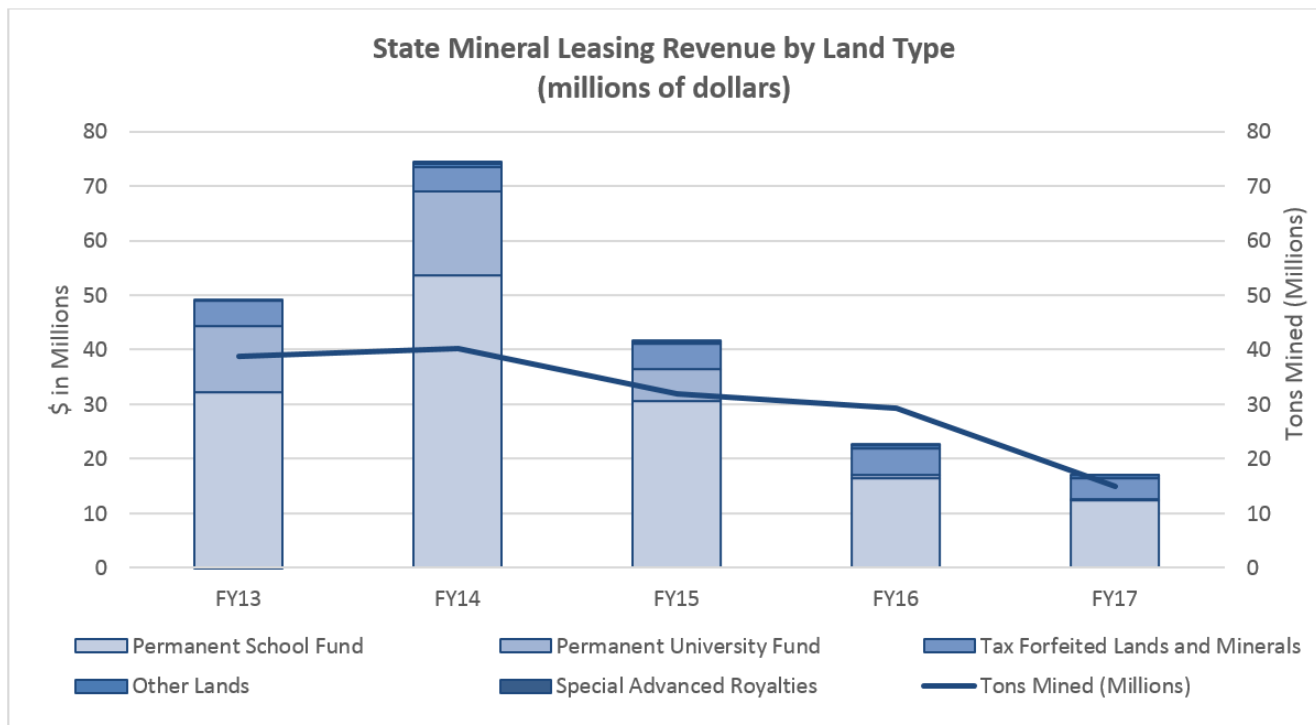
### **Real Estate Management**

- The Division acquires land through purchase and donation for outdoor recreation and natural-resource protection. It sells some lands to raise revenue for school trust land or to dispose of land that does not meet DNR's strategic priorities. The Division trades some land with other units of government or private parties to consolidate landholdings or to obtain land better suited for DNR's land management objectives.
- The Division issues licenses for utilities to cross state lands and waters. It issues road easements for crossing state land and water. The Division issues leases for hunting cabins, boathouses, towers, agriculture, access to private property and other uses.
- It conducts surveys to address boundary issues prior to an acquisition, and to accurately post the boundaries for existing outdoor recreation units and before extensive development such as a water access site or campground.
- The Division provides direction on monitoring of conservation easements and enforcement of terms and conditions. We review and decide whether to approve the proposed sale or of certain tax forfeited land, subject to final approval by the Land Exchange Board.
- It works with counties to develop land record data and calculate annual payments in lieu of taxes.

## RESULTS

### Quantity Performance Measure: Minerals Management—Annual Mineral Leasing Revenue

The following chart shows that mineral lease revenue has fluctuated in recent years and reflects a multi-year downturn in taconite mining activity. The line showing the tons of state ore mined, and the lack of direct correlation to mineral revenue, indicates that the tonnage mined is not the sole factor for the change in revenue. Other factors include fluctuating commodity values for iron ore and steel, DNR's success in negotiating higher royalty rates, and the 2015 decision to provide a short term reduction in royalty rates to aid the then struggling taconite industry. It is expected that mineral revenues will trend upward in the next year, as both the level of mining activity and commodity prices are rebounding.

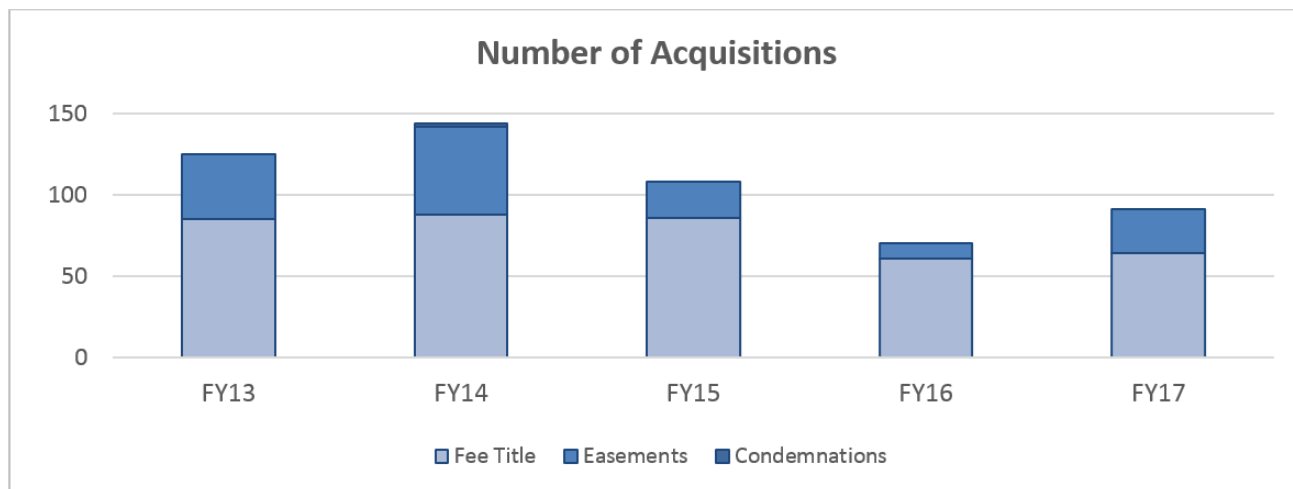


### Results Performance Measure: Mineland Reclamation

Currently there are 23 permits to mine covering almost 150,000 acres. In the last two years (2016-2017), approximately 830 acres of previously mined lands have been fully reclaimed. These lands are now ready to support future, non-mining uses.

## Quantity Performance Measure: Real Estate Management

The Division of Lands and Minerals is responsible for negotiating land acquisition for the DNR. The graph shows the number of easement acquisitions increased in FY17 after a significant decrease the two previous fiscal years. Fee acquisitions are a more stable component, showing more modest variation through the years, although there has also been a decline in direct appropriations to DNR for acquisitions.



The legal authority for the Division of Lands and Minerals Program come from Minnesota Statutes:

84 (<https://www.revisor.mn.gov/statutes/?id=84>)

84A (<https://www.revisor.mn.gov/statutes/?id=84A>)

84C (<https://www.revisor.mn.gov/statutes/?id=84C>)

85 (<https://www.revisor.mn.gov/statutes/?id=85>)

86A (<https://www.revisor.mn.gov/statutes/?id=86A>)

89 (<https://www.revisor.mn.gov/statutes/?id=89>)

92-94 (<https://www.revisor.mn.gov/statutes/part/LANDS+AND+MINERALS>)

97A (<https://www.revisor.mn.gov/statutes/?id=97A>)

103I (<https://www.revisor.mn.gov/statutes/?id=103I>)

477A (<https://www.revisor.mn.gov/statutes/?id=477A>)

# Lands & Minerals

# Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b><u>Expenditures by Fund</u></b>								
1000 - General	1,340	1,948	1,255	2,383	1,815	1,815	1,853	1,874
2000 - Restrict Misc Special Revenue	5,074	3,912	483	12,356	5,861	5,718	5,861	5,718
2001 - Other Misc Special Revenue	5,190	4,627	4,632	5,449	5,191	5,191	5,191	5,191
2100 - Water Recreation	20	20	20	20	20	20	20	20
2101 - Snowmobile	13	13	13	13	13	13	13	13
2113 - Forest Management Investment	344	344	344	344	344	344	344	344
2114 - Mineral Management	2,695	3,275	2,931	3,323	3,178	3,178	3,232	3,283
2115 - Mining Administration Account	793	962	1,911	1,838	1,500	674	1,500	674
2117 - Natural Resource Misc Statutory	430	304	537	520	251	251	251	251
2118 - Land Acquisition	0	1					(8)	(8)
2120 - Water Management Account			323	327	325	325	331	338
2200 - Game and Fish (Operations)	333	355	343	345	344	344	344	344
2300 - Outdoor Heritage				50				
2403 - Gift	7	0	0	3				
2801 - Remediation	982							
3800 - Permanent School	151	263	152	236	221	221	224	227
6000 - Miscellaneous Agency		16	3					
<b>Total</b>	<b>17,371</b>	<b>16,040</b>	<b>12,944</b>	<b>27,207</b>	<b>19,063</b>	<b>18,094</b>	<b>19,156</b>	<b>18,269</b>
Biennial Change				6,741		(2,994)		(2,726)
Biennial % Change				20		(7)		(7)
Governor's Change from Base								268
Governor's % Change from Base								1

## **Expenditures by Category**

Compensation	7,969	7,516	8,233	9,242	8,811	8,326	8,898	8,495
Operating Expenses	8,370	8,364	4,625	17,842	10,151	9,675	10,157	9,681
Grants, Aids and Subsidies	33	9	51	28	28	28	28	28
Capital Outlay-Real Property	984	83	20	95	73	65	73	65
Other Financial Transaction	15	68	15					
<b>Total</b>	<b>17,371</b>	<b>16,040</b>	<b>12,944</b>	<b>27,207</b>	<b>19,063</b>	<b>18,094</b>	<b>19,156</b>	<b>18,269</b>

Total Agency Expenditures	17,371	16,040	12,944	27,207	19,063	18,094	19,156	18,269
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## Lands & Minerals

## Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Internal Billing Expenditures	2,981	3,341	3,225	3,208	3,494	3,493	3,494	3,493
<b>Expenditures Less Internal Billing</b>	<b>14,390</b>	<b>12,699</b>	<b>9,719</b>	<b>23,999</b>	<b>15,569</b>	<b>14,601</b>	<b>15,662</b>	<b>14,776</b>

<b><u>Full-Time Equivalents</u></b>	<b>86.92</b>	<b>78.22</b>	<b>84.16</b>	<b>84.16</b>	<b>82.49</b>	<b>80.83</b>	<b>83.39</b>	<b>82.61</b>
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# Lands & Minerals

# Activity Financing by Fund

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
<b>1000 - General</b>								
Balance Forward In	1,073	351	30	574				
Direct Appropriation	1,585	1,785	1,747	1,781	1,787	1,787	1,825	1,846
Open Appropriation	1,019	947	889	831	897	986	897	986
Transfers Out	986	938	838	803	869	958	869	958
Cancellations	1,000	166						
Balance Forward Out	350	30	573					
<b>Expenditures</b>	<b>1,340</b>	<b>1,948</b>	<b>1,255</b>	<b>2,383</b>	<b>1,815</b>	<b>1,815</b>	<b>1,853</b>	<b>1,874</b>
Biennial Change in Expenditures				350		(8)		89
Biennial % Change in Expenditures				11		(0)		2
Governor's Change from Base								97
Governor's % Change from Base								3
Full-Time Equivalents	10.38	11.15	9.40	9.40	9.21	9.03	9.46	9.51

## 2000 - Restrict Misc Special Revenue

Balance Forward In	334	540	1,252	7,528	7,112	7,191	7,112	7,191
Receipts	4,372	4,268	6,224	8,928	8,928	8,928	8,928	8,928
Transfers In	1,473	1,111	935	10,712	1,168	1,010	1,168	1,010
Transfers Out	565	756	400	7,700	4,156	4,131	4,156	4,131
Balance Forward Out	540	1,252	7,528	7,112	7,191	7,280	7,191	7,280
<b>Expenditures</b>	<b>5,074</b>	<b>3,912</b>	<b>483</b>	<b>12,356</b>	<b>5,861</b>	<b>5,718</b>	<b>5,861</b>	<b>5,718</b>
Biennial Change in Expenditures				3,853		(1,260)		(1,260)
Biennial % Change in Expenditures				43		(10)		(10)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	3.46	3.16	2.71	2.71	2.66	2.60	2.66	2.60

## 2001 - Other Misc Special Revenue

Balance Forward In	2,502	2,528	1,633	1,767	1,533	1,560	1,533	1,560
Receipts	5,162	4,563	4,655	5,215	5,218	5,220	5,218	5,220
Internal Billing Receipts	4,716	4,181	4,367	4,998	4,998	4,998	4,998	4,998
Transfers In	32	154	110					
Transfers Out		1,073						
Balance Forward Out	2,506	1,544	1,767	1,533	1,560	1,589	1,560	1,589



# Lands & Minerals

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b>Expenditures</b>	<b>5,190</b>	<b>4,627</b>	<b>4,632</b>	<b>5,449</b>	<b>5,191</b>	<b>5,191</b>	<b>5,191</b>	<b>5,191</b>
Biennial Change in Expenditures				264		301		301
Biennial % Change in Expenditures				3		3		3
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	42.72	33.44	34.56	34.56	33.87	33.19	33.87	33.19

## 2050 - Environment & Natural Resources

Full-Time Equivalents	0.03			
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## 2100 - Water Recreation

Direct Appropriation	20	20	20	20	20	20	20	20
<b>Expenditures</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>	<b>20</b>
Biennial Change in Expenditures				0		0		0
Biennial % Change in Expenditures				0		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

## 2101 - Snowmobile

Direct Appropriation	13	13	13	13	13	13	13	13
<b>Expenditures</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>13</b>
Biennial Change in Expenditures				0		0		0
Biennial % Change in Expenditures				0		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

## 2113 - Forest Management Investment

Balance Forward In		0						
Direct Appropriation	344	344	344	344	344	344	344	344
<b>Expenditures</b>	<b>344</b>	<b>344</b>	<b>344</b>	<b>344</b>	<b>344</b>	<b>344</b>	<b>344</b>	<b>344</b>
Biennial Change in Expenditures				0		0		0
Biennial % Change in Expenditures				0		0		0
Governor's Change from Base								0

## Lands & Minerals

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Governor's % Change from Base								0

### 2114 - Mineral Management

Balance Forward In		260		155				
Direct Appropriation	2,955	3,015	3,086	3,168	3,178	3,178	3,232	3,283
Open Appropriation	5,267	2,197	432	1,396	1,091	106	1,091	106
Transfers In	395							
Transfers Out	5,662	2,197	432	1,396	1,091	106	1,091	106
Balance Forward Out	260		155					
<b>Expenditures</b>	<b>2,695</b>	<b>3,275</b>	<b>2,931</b>	<b>3,323</b>	<b>3,178</b>	<b>3,178</b>	<b>3,232</b>	<b>3,283</b>
Biennial Change in Expenditures				284		102		261
Biennial % Change in Expenditures				5		2		4
Governor's Change from Base								159
Governor's % Change from Base								3
Full-Time Equivalents	17.49	18.99	19.62	19.62	19.23	18.85	19.79	19.96

### 2115 - Mining Administration Account

Balance Forward In	786	945	1,541	1,785	950	62	950	62
Receipts	952	1,558	2,155	1,003	612	612	612	612
Balance Forward Out	945	1,541	1,785	950	62		62	
<b>Expenditures</b>	<b>793</b>	<b>962</b>	<b>1,911</b>	<b>1,838</b>	<b>1,500</b>	<b>674</b>	<b>1,500</b>	<b>674</b>
Biennial Change in Expenditures				1,994		(1,575)		(1,575)
Biennial % Change in Expenditures				114		(42)		(42)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	7.15	7.15	9.60	9.60	9.41	9.22	9.41	9.22

### 2117 - Natural Resource Misc Statutory

Balance Forward In	508	290	556	758	519	549	519	549
Receipts	210	569	738	281	281	281	281	281
Balance Forward Out	288	554	758	519	549	579	549	579
<b>Expenditures</b>	<b>430</b>	<b>304</b>	<b>537</b>	<b>520</b>	<b>251</b>	<b>251</b>	<b>251</b>	<b>251</b>
Biennial Change in Expenditures				322		(555)		(555)

## Lands & Minerals

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Biennial % Change in Expenditures				44		(52)		(52)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	4.29	3.18	4.43	4.43	4.35	4.25	4.35	4.25

### 2118 - Land Acquisition

Balance Forward In		1			40	80	40	262
Receipts	1			40	40	40	214	40
Balance Forward Out	1			40	80	120	262	310
<b>Expenditures</b>	<b>0</b>	<b>1</b>					<b>(8)</b>	<b>(8)</b>
Biennial Change in Expenditures				(1)		0		(16)
Biennial % Change in Expenditures				(100)				
Governor's Change from Base								(16)
Governor's % Change from Base								

### 2120 - Water Management Account

Balance Forward In				2				
Direct Appropriation				325	325	325	331	338
Transfers In			325					
Balance Forward Out			2					
<b>Expenditures</b>			<b>323</b>	<b>327</b>	<b>325</b>	<b>325</b>	<b>331</b>	<b>338</b>
Biennial Change in Expenditures				650		0		19
Biennial % Change in Expenditures						0		3
Governor's Change from Base								19
Governor's % Change from Base								3
Full-Time Equivalents			2.50	2.50	2.45	2.40	2.51	2.53

### 2200 - Game and Fish (Operations)

Balance Forward In		11		1				
Direct Appropriation	344	344	344	344	344	344	344	344
Balance Forward Out	11		1					
<b>Expenditures</b>	<b>333</b>	<b>355</b>	<b>343</b>	<b>345</b>	<b>344</b>	<b>344</b>	<b>344</b>	<b>344</b>
Biennial Change in Expenditures				0		0		0

## Lands & Minerals

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Biennial % Change in Expenditures				0		(0)		(0)
Governor's Change from Base								0
Governor's % Change from Base								0

### 2300 - Outdoor Heritage

Balance Forward In	100	50						
Direct Appropriation				50	0	0	0	0
Cancellations	50	50						
Balance Forward Out	50							
<b>Expenditures</b>				<b>50</b>				
Biennial Change in Expenditures				50		(50)		(50)
Biennial % Change in Expenditures								
Governor's Change from Base								0
Governor's % Change from Base								

### 2403 - Gift

Balance Forward In	33	26	27	27	24	24	24	24
Receipts	0	0	0					
Balance Forward Out	26	27	27	24	24	24	24	24
<b>Expenditures</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>3</b>				
Biennial Change in Expenditures				(4)		(3)		(3)
Biennial % Change in Expenditures				(58)		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								

### 2801 - Remediation

Balance Forward In		18	18					
Direct Appropriation	1,000							
Cancellations			18					
Balance Forward Out	18	18						
<b>Expenditures</b>	<b>982</b>							
Biennial Change in Expenditures				(982)		0		0
Biennial % Change in Expenditures								

## Lands & Minerals

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Governor's Change from Base								0
Governor's % Change from Base								

### 3800 - Permanent School

Balance Forward In	1,359	1,430	1,693	2,662	2,053	1,713	2,053	1,713
Receipts	19,115	11,675	14,725	11,829	11,565	11,665	11,565	11,665
Transfers In	8,379	5,001	1,913	4,401	4,172	3,434	4,175	3,440
Transfers Out	1,533	1,154	1,338	1,065	1,065	1,065	1,065	1,065
Cancellations	25,740	15,133	14,180	15,538	14,791	14,153	14,791	14,153
Balance Forward Out	1,430	1,556	2,661	2,053	1,713	1,373	1,713	1,373
<b>Expenditures</b>	<b>151</b>	<b>263</b>	<b>152</b>	<b>236</b>	<b>221</b>	<b>221</b>	<b>224</b>	<b>227</b>
Biennial Change in Expenditures				(26)		54		63
Biennial % Change in Expenditures				(6)		14		16
Governor's Change from Base								9
Governor's % Change from Base								2
Full-Time Equivalents	1.40	1.15	1.34	1.34	1.31	1.29	1.34	1.35

### 6000 - Miscellaneous Agency

Balance Forward In	10,145	6,177	6,044	9,534				
Receipts	836	448	3,753					
Transfers In	1,400	420	192					
Transfers Out	6,204	986	452	9,534				
Balance Forward Out	6,177	6,044	9,535					
<b>Expenditures</b>	<b>16</b>	<b>3</b>	<b>3</b>					
Biennial Change in Expenditures				(13)		(3)		(3)
Biennial % Change in Expenditures								
Governor's Change from Base								0
Governor's % Change from Base								

**Program: Ecological and Water Resources****Activity: Ecological and Water Resources**[dnr.state.mn.us/eco/index.html](http://dnr.state.mn.us/eco/index.html)[dnr.state.mn.us/waters/index.html](http://dnr.state.mn.us/waters/index.html)

### AT A GLANCE

- Conduct approximately 80,000 watercraft inspections for aquatic invasive species each year
- Issued 975 water appropriation permit decisions and 806 permit decisions for activities affecting public waters in FY18
- Managed 192,000 acres of Scientific and Natural Areas (SNAs) in 168 SNAs in FY18
- Managed 12,848 acres in prairie easements in FY18
- Measure and maintain stream flow monitoring at 282 streams in FY18
- Measure and maintain groundwater level monitoring in 1,070 wells in FY18
- Part B County Geologic Atlases completed for 30 counties statewide through FY18
- Remove 100-200 buildings from flood plains to prevent flood damage each year
- Minnesota Biological Survey has been completed in 84 of our 87 counties through FY18

### PURPOSE & CONTEXT

The Ecological and Water Resources Division promotes and delivers integrated land and water conservation to ensure healthy lands and waters throughout Minnesota.

The Division provides critical information and regulatory oversight to state and local governments and landowners to foster natural resources stewardship and enhance recreational and economic uses.

The Division's customers include local governments, conservation organizations, businesses, landowners and Minnesota citizens, who all benefit from healthy natural resources.

### SERVICES PROVIDED

The Ecological and Water Resources Division's work is divided into three categories:

#### 1. Inventory, Monitoring, and Analysis

- The Division collects and deliver information on ground and surface water, lake and stream habitat, and rare plants and animals, and maintain flood-warning gages.
- It ensures that high quality environmental information is available for current and future generations to use and maintain Minnesota's quality of life.
- The Division works to make sure state and local governments have access to this information about Minnesota's biological and water resources, so they can make informed decisions regarding growth, development and natural resource protection.

#### 2. Conservation Assistance and Regulation

- The Division ensures recreation, habitat and water quality are maintained by regulating proposed alterations to lakes, wetlands, rivers and streams.
- It provides regulatory and technical oversight to local governments for shoreland, floodplains, and Wild and Scenic Rivers.
- The Division regulates water use to provide for sustainable surface water and ground water supplies as our population grows.

- It provides oversight of the state's dams so they operate safely and protect the public and natural resources.
- The Division engages in environmental review to identify potential impacts of proposed projects and help ensure permitting addresses those impacts.

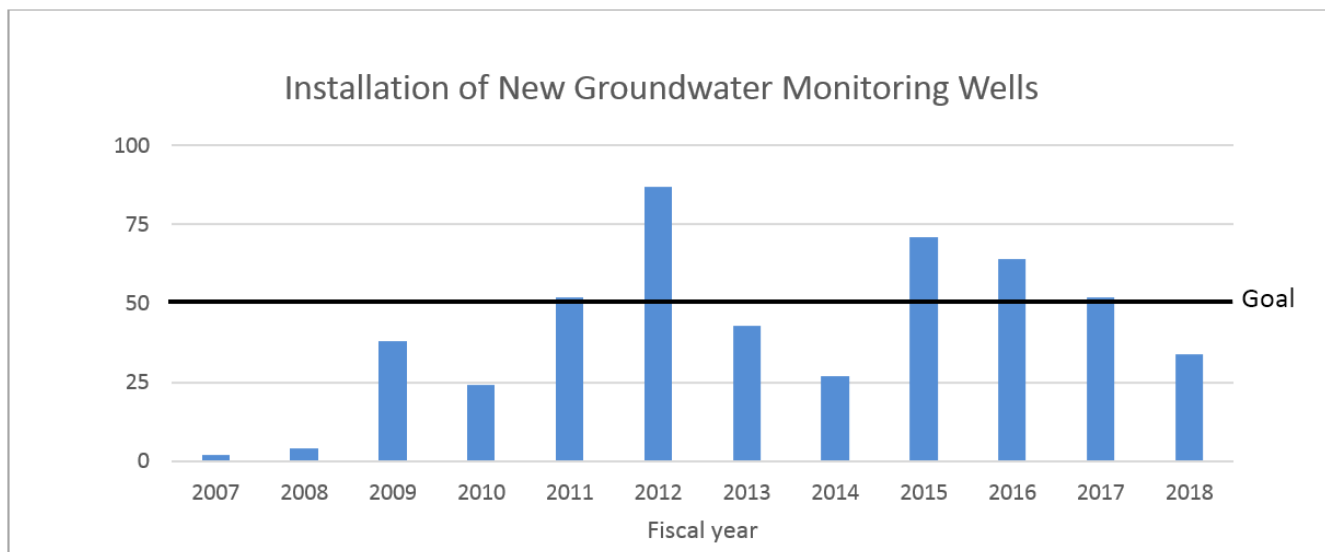
### 3. Ecosystem Management and Protection

- The Division manages and prevent the spread of aquatic and terrestrial invasive species that threaten the state's lakes, rivers, wetlands, forests, and prairies, and the economies that depend on them.
- It manages Scientific and Natural Area and native prairie bank programs and nongame wildlife, and help protect habitat to improve conditions for native species. This work supports both the state's ecosystems and recreational enjoyment of the outdoors.
- The Division protects threatened and endangered species to prevent state extinctions. It protects and conserve thousands of nongame species such as bees, butterflies, songbirds, eagles, loons, frogs, turtles, and bats through habitat restorations, surveys and monitoring, technical guidance, and outreach and education.

## RESULTS

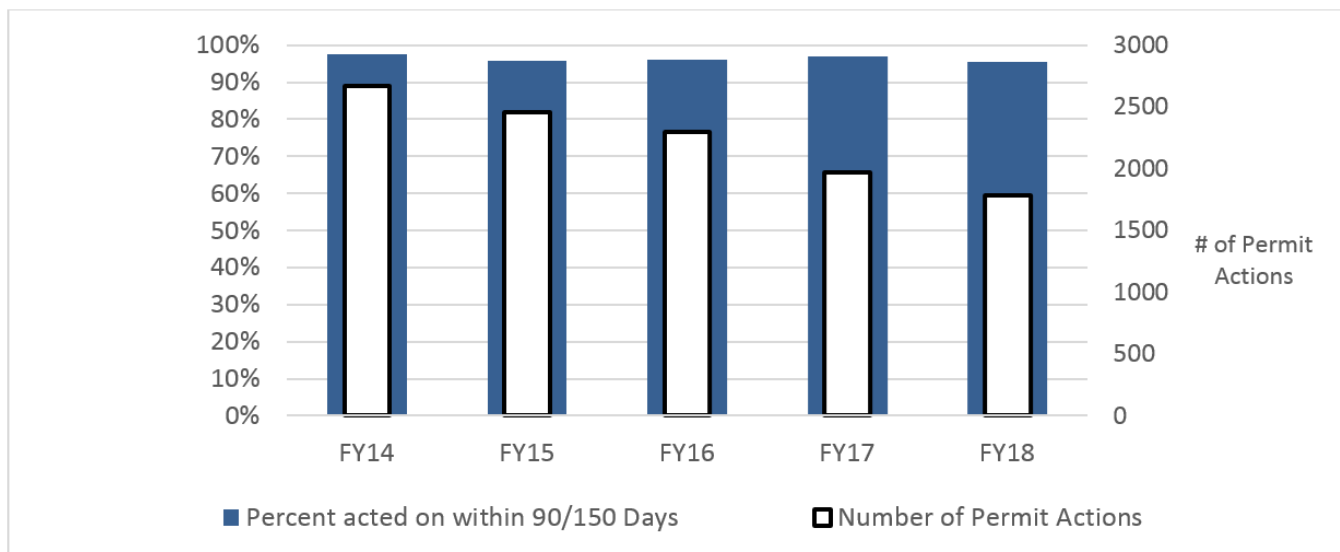
### Quantity Performance Measure: Number of new groundwater monitoring well installations (50 per year goal)

On average, the Division has met its goal to install 50 new groundwater monitoring wells annually since 2009. The number of new wells it can drill in a year depends on available funding, the depth of well that is required and the complexity of the installation. Information gathered from these wells is critical for making timely and informed permit decisions to maintain sustainability of groundwater systems.



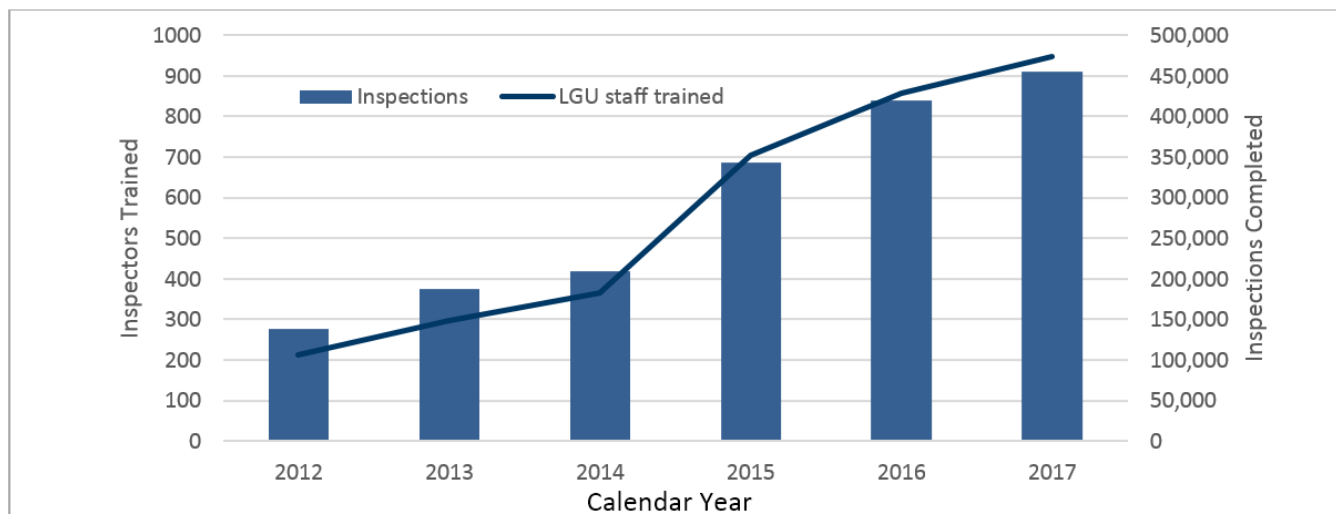
### Quality Performance Measure: Number of water related permit actions (including both appropriation and work in beds) and percent acted on within 90 days or 150 days

In the last two years, the number of permit applications received has been lower than the peak year of 2014. General Permit Authorizations, which are simpler permitting situations, have a 90 day goal to reach a permitting decision. Individual Permits, which are more complex, have a 150 day goal to reach a permitting decision. Most permits are issued well before the time goal.



**Results Performance Measure: Number of aquatic invasive species (AIS) inspectors trained and number of AIS inspections completed**

The DNR has been partnering with local government units (LGU) to provide watercraft inspection for AIS around the state since receiving the authority to do so in 2011. The number of LGUs partnering with DNR for authorized inspectors has grown annually, with a large increase in 2015 after Minnesota counties started receiving AIS prevention aid from the Minnesota Department of Revenue. These important partnerships have increased watercraft inspections around the state more than threefold between 2012 and 2017.



The legal authority for the Ecological and Water Resources Program comes from Minnesota Statutes:

- 84 (<https://www.revisor.mn.gov/statutes/?id=84>)
- 84D (<https://www.revisor.mn.gov/statutes/?id=84D>)
- 86A (<https://www.revisor.mn.gov/statutes/?id=86A>)
- 97A (<https://www.revisor.mn.gov/statutes/?id=97A>)
- 103B-H (<https://www.revisor.mn.gov/statutes/part/WATER>)
- 115B (<https://www.revisor.mn.gov/statutes/?id=115B>)
- 116G (<https://www.revisor.mn.gov/statutes/?id=116G>)



# Ecological and Water Resources

# Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b><u>Expenditures by Fund</u></b>								
1000 - General	15,670	19,128	16,596	18,865	17,854	17,854	20,922	19,322
2000 - Restrict Misc Special Revenue	35	28	122	135	135	135	135	135
2001 - Other Misc Special Revenue	12,459	9,133	7,412	8,521	7,887	7,887	7,887	7,887
2050 - Environment & Natural Resources	6,967	7,095	8,480	16,023				
2100 - Water Recreation	1,050	1,425	1,367	1,489	1,443	1,443	1,974	2,003
2112 - Invasive Species	2,852	2,942	2,864	3,620	3,242	3,242	3,393	3,442
2117 - Natural Resource Misc Statutory	99	77	204	124	124	124	124	124
2118 - Land Acquisition	1			2	2	2	2	2
2120 - Water Management Account	4,640	5,109	4,712	5,267	5,031	5,031	5,476	5,556
2200 - Game and Fish (Operations)	2,227	2,435	2,460	2,689	2,635	2,635	2,742	2,816
2209 - Heritage Enhancement	1,680	2,355	2,313	2,823	2,634	2,634	2,669	2,708
2300 - Outdoor Heritage	8,683	4,563	6,606	18,953				
2302 - Clean Water	9,556	8,466	7,637	9,408			10,401	10,401
2400 - Endowment	1							
2401 - Reinvest In Minnesota-Gifts	1,710	1,510	1,827	2,176	2,006	2,006	2,021	2,035
2403 - Gift	36	8	32	12	12	12	12	12
2801 - Remediation	182	457	195	3,518	7,537	7,500	7,537	7,500
3000 - Federal	4,531	4,671	4,971	10,517	12,956	10,946	12,956	10,946
<b>Total</b>	<b>72,380</b>	<b>69,403</b>	<b>67,799</b>	<b>104,142</b>	<b>63,498</b>	<b>61,451</b>	<b>78,251</b>	<b>74,889</b>
Biennial Change				30,158		(46,992)		(18,801)
Biennial % Change				21		(27)		(11)
Governor's Change from Base								28,191
Governor's % Change from Base								23

## **Expenditures by Category**

Compensation	32,894	34,706	34,901	44,171	32,511	31,881	41,571	41,126
Operating Expenses	27,506	26,944	24,747	42,045	23,791	22,274	29,484	26,467
Grants, Aids and Subsidies	6,618	2,936	4,806	3,056	5,070	5,020	5,070	5,020
Capital Outlay-Real Property	4,870	4,183	3,242	14,850	2,108	2,258	2,108	2,258
Other Financial Transaction	492	634	103	20	18	18	18	18
<b>Total</b>	<b>72,380</b>	<b>69,403</b>	<b>67,799</b>	<b>104,142</b>	<b>63,498</b>	<b>61,451</b>	<b>78,251</b>	<b>74,889</b>

## Ecological and Water Resources

## Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Total Agency Expenditures	72,380	69,403	67,799	104,142	63,498	61,451	78,251	74,889
Internal Billing Expenditures	17,278	17,128	16,891	15,171	11,410	11,406	11,410	11,406
<b>Expenditures Less Internal Billing</b>	<b>55,102</b>	<b>52,276</b>	<b>50,908</b>	<b>88,971</b>	<b>52,088</b>	<b>50,045</b>	<b>66,841</b>	<b>63,483</b>
<b><u>Full-Time Equivalents</u></b>	<b>412.47</b>	<b>416.29</b>	<b>411.46</b>	<b>411.46</b>	<b>296.97</b>	<b>291.02</b>	<b>395.84</b>	<b>394.72</b>

# Ecological and Water Resources

# Activity Financing by Fund

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
1000 - General								
Balance Forward In		1,927		1,036				
Direct Appropriation	17,526	17,497	17,642	17,829	17,854	17,854	20,922	19,322
Cancellations	10	296	10					
Balance Forward Out	1,847		1,036					
Expenditures	15,670	19,128	16,596	18,865	17,854	17,854	20,922	19,322
Biennial Change in Expenditures			663		247		4,783	
Biennial % Change in Expenditures			2		1		13	
Governor's Change from Base							4,536	
Governor's % Change from Base							13	
Full-Time Equivalents	93.08	95.30	94.02	94.02	92.14	90.30	102.76	102.67

## 2000 - Restrict Misc Special Revenue

Balance Forward In	62	128	199	177	142	107	142	107
Transfers In	100	100	100	100	100	100	100	100
Transfers Out			0					
Balance Forward Out	128	199	177	142	107	72	107	72
<b>Expenditures</b>	<b>35</b>	<b>28</b>	<b>122</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>
Biennial Change in Expenditures				194		13		13
Biennial % Change in Expenditures				308		5		5
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	0.58	0.35	1.02	1.02	1.00	0.98	1.00	0.98

## 2001 - Other Misc Special Revenue

Balance Forward In	6,906	8,475	6,468	6,516	5,522	4,936	5,522	4,936
Receipts	13,868	7,033	7,460	7,527	7,301	7,301	7,301	7,301
Internal Billing Receipts	6,618	5,625	5,862	6,150	6,150	6,150	6,150	6,150
Transfers In		2						
Transfers Out	2	18						
Balance Forward Out	8,312	6,358	6,516	5,522	4,936	4,350	4,936	4,350
<b>Expenditures</b>	<b>12,459</b>	<b>9,133</b>	<b>7,412</b>	<b>8,521</b>	<b>7,887</b>	<b>7,887</b>	<b>7,887</b>	<b>7,887</b>
Biennial Change in Expenditures				(5,659)		(159)		(159)
Biennial % Change in Expenditures				(26)		(1)		(1)

## Ecological and Water Resources

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	57.44	55.12	51.48	51.48	50.46	49.44	50.46	49.44

### 2050 - Environment & Natural Resources

Balance Forward In	4,382	12,474	11,363	10,553				
Direct Appropriation	14,666	5,850	8,075	5,470	0	0	0	0
Transfers Out		25	50					
Cancellations	64	68	354					
Balance Forward Out	12,019	11,136	10,553					
<b>Expenditures</b>	<b>6,967</b>	<b>7,095</b>	<b>8,480</b>	<b>16,023</b>				
Biennial Change in Expenditures				10,441		(24,503)		(24,503)
Biennial % Change in Expenditures				74		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	30.59	35.02	41.58	41.58				

### 2100 - Water Recreation

Balance Forward In		262		46				
Direct Appropriation	1,310	1,384	1,413	1,443	1,443	1,443	1,974	2,003
Cancellations		221						
Balance Forward Out	259		46					
<b>Expenditures</b>	<b>1,050</b>	<b>1,425</b>	<b>1,367</b>	<b>1,489</b>	<b>1,443</b>	<b>1,443</b>	<b>1,974</b>	<b>2,003</b>
Biennial Change in Expenditures				381		30		1,121
Biennial % Change in Expenditures				15		1		39
Governor's Change from Base								1,091
Governor's % Change from Base								38
Full-Time Equivalents	7.87	8.38	9.71	9.71	9.52	9.33	13.84	13.96

### 2111 - Nongame

Balance Forward In		950						
Direct Appropriation	950	950	950	953	956	956	971	985
Transfers Out		1,900	950	953	956	956	971	985

# Ecological and Water Resources

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Balance Forward Out	950							

## 2112 - Invasive Species

Balance Forward In		438		378				
Direct Appropriation	3,242	3,242	3,242	3,242	3,242	3,242	3,393	3,442
Cancellations		739						
Balance Forward Out	389		378					
<b>Expenditures</b>	<b>2,852</b>	<b>2,942</b>	<b>2,864</b>	<b>3,620</b>	<b>3,242</b>	<b>3,242</b>	<b>3,393</b>	<b>3,442</b>
Biennial Change in Expenditures				691		0		351
Biennial % Change in Expenditures				12		(0)		5
Governor's Change from Base								351
Governor's % Change from Base								5
Full-Time Equivalents	31.08	30.64	27.10	27.10	26.56	26.03	27.09	27.08

## 2117 - Natural Resource Misc Statutory

Balance Forward In	62	208	314	260	328	386	328	386
Receipts	230	183	149	192	182	182	182	182
Balance Forward Out	193	314	259	328	386	444	386	444
<b>Expenditures</b>	<b>99</b>	<b>77</b>	<b>204</b>	<b>124</b>	<b>124</b>	<b>124</b>	<b>124</b>	<b>124</b>
Biennial Change in Expenditures				152		(80)		(80)
Biennial % Change in Expenditures				86		(24)		(24)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	0.83	0.78	1.28	1.28	1.26	1.23	1.26	1.23

## 2118 - Land Acquisition

Balance Forward In	1			3	152	240	152	240
Receipts			3	151	90	90	90	90
Balance Forward Out			3	152	240	328	240	328
<b>Expenditures</b>	<b>1</b>			<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>
Biennial Change in Expenditures				1		2		2
Biennial % Change in Expenditures								
Governor's Change from Base								0

# Ecological and Water Resources

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Governor's % Change from Base								0

## 2120 - Water Management Account

Balance Forward In		361	128	252				
Direct Appropriation	5,000	5,225	5,160	5,015	5,031	5,031	5,476	5,556
Transfers Out			325					
Cancellations		349						
Balance Forward Out	360	128	251					
<b>Expenditures</b>	<b>4,640</b>	<b>5,109</b>	<b>4,712</b>	<b>5,267</b>	<b>5,031</b>	<b>5,031</b>	<b>5,476</b>	<b>5,556</b>
Biennial Change in Expenditures				230		83		1,053
Biennial % Change in Expenditures				2		1		11
Governor's Change from Base								970
Governor's % Change from Base								10
Full-Time Equivalents	34.86	35.12	32.55	32.55	31.90	31.26	36.00	36.23

## 2200 - Game and Fish (Operations)

Balance Forward In		143		73				
Direct Appropriation	2,368	2,463	2,533	2,616	2,635	2,635	2,742	2,816
Receipts	1,076	1,099	1,118	1,099	1,099	1,099	1,099	1,099
Transfers Out	1,076	1,099	1,118	1,099	1,099	1,099	1,099	1,099
Cancellations		172						
Balance Forward Out	141		73					
<b>Expenditures</b>	<b>2,227</b>	<b>2,435</b>	<b>2,460</b>	<b>2,689</b>	<b>2,635</b>	<b>2,635</b>	<b>2,742</b>	<b>2,816</b>
Biennial Change in Expenditures				487		121		409
Biennial % Change in Expenditures				10		2		8
Governor's Change from Base								288
Governor's % Change from Base								5
Full-Time Equivalents	16.83	17.67	17.21	17.21	16.87	16.53	17.86	18.32

## 2209 - Heritage Enhancement

Balance Forward In		338		206				
Direct Appropriation	2,018	2,018	2,519	2,617	2,634	2,634	2,669	2,708
Cancellations		1						

## Ecological and Water Resources

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Balance Forward Out	337		206					
<b>Expenditures</b>	<b>1,680</b>	<b>2,355</b>	<b>2,313</b>	<b>2,823</b>	<b>2,634</b>	<b>2,634</b>	<b>2,669</b>	<b>2,708</b>
Biennial Change in Expenditures				1,101		132		241
Biennial % Change in Expenditures				27		3		5
Governor's Change from Base								109
Governor's % Change from Base								2
Full-Time Equivalents	12.87	15.46	14.68	14.68	14.39	14.10	14.75	14.88

### 2300 - Outdoor Heritage

Balance Forward In	10,689	13,550	14,739	14,221				
Direct Appropriation	7,964	6,054	6,314	4,732	0	0	0	0
Transfers In	19							
Transfers Out	894	722	159					
Cancellations	1	24	68					
Balance Forward Out	9,094	14,294	14,220					
<b>Expenditures</b>	<b>8,683</b>	<b>4,563</b>	<b>6,606</b>	<b>18,953</b>				
Biennial Change in Expenditures				12,312		(25,559)		(25,559)
Biennial % Change in Expenditures				93		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	5.99	6.39	7.99	7.99				

### 2302 - Clean Water

Balance Forward In	7,821	5,856	3,289	2,517				
Direct Appropriation	7,300	7,495	6,891	6,891	0	0	10,401	10,401
Transfers In	280							
Cancellations	37	1,726	26					
Balance Forward Out	5,808	3,159	2,517					
<b>Expenditures</b>	<b>9,556</b>	<b>8,466</b>	<b>7,637</b>	<b>9,408</b>			<b>10,401</b>	<b>10,401</b>
Biennial Change in Expenditures				(977)		(17,045)		3,757
Biennial % Change in Expenditures				(5)		(100)		22
Governor's Change from Base								20,802
Governor's % Change from Base								

# Ecological and Water Resources

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Full-Time Equivalents	70.40	62.97	58.90	58.90			77.80	77.80

## 2400 - Endowment

Balance Forward In	3	2	2	2	2	2	2	2
Receipts	0	0	0					
Balance Forward Out	2	2	2	2	2	2	2	2
<b>Expenditures</b>	<b>1</b>							
Biennial Change in Expenditures				(1)		0		0
Biennial % Change in Expenditures								
Governor's Change from Base								0
Governor's % Change from Base								

## 2401 - Reinvest In Minnesota-Gifts

Balance Forward In	1,362	631	2,080	2,266	2,093	2,093	2,093	2,093
Transfers In	950	2,950	2,013	2,003	2,006	2,006	2,021	2,035
Balance Forward Out	602	2,071	2,266	2,093	2,093	2,093	2,093	2,093
<b>Expenditures</b>	<b>1,710</b>	<b>1,510</b>	<b>1,827</b>	<b>2,176</b>	<b>2,006</b>	<b>2,006</b>	<b>2,021</b>	<b>2,035</b>
Biennial Change in Expenditures				783		9		53
Biennial % Change in Expenditures				24		0		1
Governor's Change from Base								44
Governor's % Change from Base								1
Full-Time Equivalents	14.83	14.86	15.26	15.26	14.95	14.66	15.10	14.97

## 2403 - Gift

Balance Forward In	260	260	275	312	274	236	274	236
Receipts	36	73	120	24	24	24	24	24
Transfers In	50	20						
Transfers Out	50	70	50	50	50	50	50	50
Balance Forward Out	260	275	312	274	236	198	236	198
<b>Expenditures</b>	<b>36</b>	<b>8</b>	<b>32</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>
Biennial Change in Expenditures				0		(20)		(20)
Biennial % Change in Expenditures				(1)		(46)		(46)
Governor's Change from Base								0



# Ecological and Water Resources

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Governor's % Change from Base								0
Full-Time Equivalents	0.14	0.05	0.05	0.05	0.05	0.05	0.05	0.05

## 2801 - Remediation

Balance Forward In	2,294	1,114	692	981				
Receipts	1		183	2,537	2,537		2,537	
Transfers In			300		5,000	7,500	5,000	7,500
Cancellations	1,000							
Balance Forward Out	1,114	657	981					
<b>Expenditures</b>	<b>182</b>	<b>457</b>	<b>195</b>	<b>3,518</b>	<b>7,537</b>	<b>7,500</b>	<b>7,537</b>	<b>7,500</b>
Biennial Change in Expenditures				3,074		11,324		11,324
Biennial % Change in Expenditures				481		305		305
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	1.30	1.95	1.97	1.97	1.93	1.89	1.93	1.89

## 3000 - Federal

Balance Forward In	194	201	220	25				
Receipts	4,480	4,685	4,923	10,492	12,956	10,946	12,956	10,946
Transfers Out			145					
Balance Forward Out	144	215	26					
<b>Expenditures</b>	<b>4,531</b>	<b>4,671</b>	<b>4,971</b>	<b>10,517</b>	<b>12,956</b>	<b>10,946</b>	<b>12,956</b>	<b>10,946</b>
Biennial Change in Expenditures				6,285		8,414		8,414
Biennial % Change in Expenditures				68		54		54
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	33.78	36.23	36.66	36.66	35.94	35.22	35.94	35.22

Program: Forestry

Activity: Forest Management

[dnr.state.mn.us/forestry/index.html](http://dnr.state.mn.us/forestry/index.html)**AT A GLANCE**

- Manage 59 state forests covering 4.2 million acres for clean water, wildlife habitat, quality timber, outdoor recreation, and biological diversity
- Provide 30 percent of the state's wood fiber that keeps Minnesota's forest products industry strong, supporting more than 64,000 jobs statewide
- Maintain 2,360 miles of forest roads that provide access for recreation, general public use, fire protection, forest management, and timber production
- Reforest 9,000 acres annually by aerial seeding and hand-planting seedlings
- Maintain forest management certification on 5 million acres of DNR-administered lands by meeting criteria set and enforced by the Forest Stewardship Council and Sustainable Forestry Initiative
- Prepare forest management plans for private landowners on 70,000 acres annually through a network of DNR, county, and private consulting foresters
- Engage 55,000 students annually in outdoor education activities statewide at 132 school forest sites

**PURPOSE & CONTEXT**

The goal of the Division of Forestry at the Department of Natural Resources (DNR) is to help sustain a quality of life by improving the productivity, health, diversity, accessibility, and use of forests. Healthy forests provide clean water, wildlife habitat, biodiversity, and forest-related products.

Healthy forests ensure the state's natural areas remain productive, ecologically healthy, and beautiful in the face of wildfires, land-use pressures, climate change, and invasive plants, insect pests, and diseases. They play a key role in protecting water quality and provide low-cost, accessible recreation for all Minnesotans.

The forest products industry relies on a sustainable state timber supply. The industry provides 64,000 jobs and economic benefits worth \$17.6 billion. Well-managed forests also provide economic benefits from tourism and outdoor recreation activities like hunting, hiking, riding, and birdwatching.

Forest management is important to forest landowners, conservation groups, hunters, anglers, and other outdoor enthusiasts; school teachers and students; loggers and other forest operators; forest industry employees; and forestry professionals.

**SERVICES PROVIDED**

To achieve the Division's goals, Forestry:

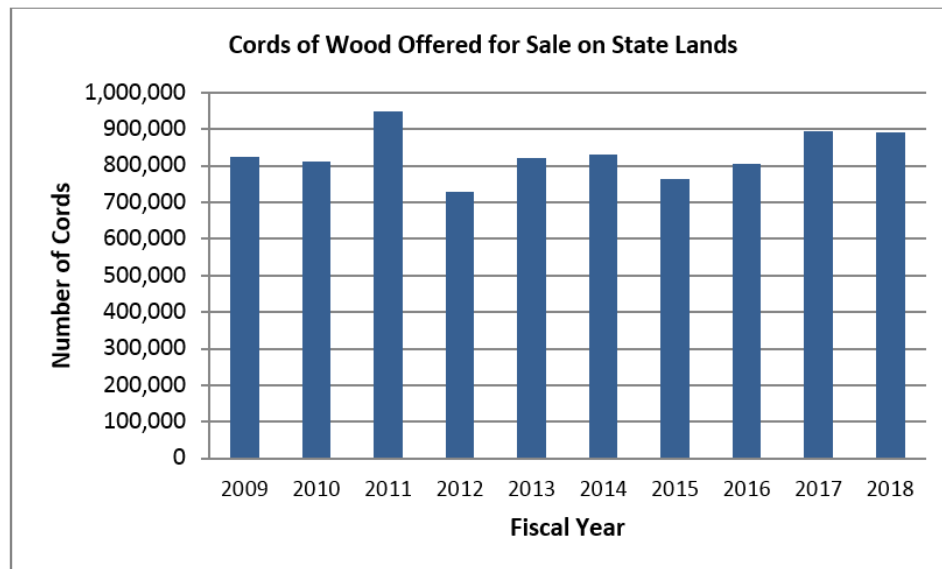
- **Manages DNR-administered forest lands** to improve their health and productivity so they provide clean water, abundant wildlife habitat, a sustainable supply of timber, and outdoor recreation opportunities. The Division supports the commercial use and public enjoyment of forests by maintaining public forest roads and recreational trails.
- **Leads** forest management and policy development aimed at ensuring Minnesota forest lands (public and private) are sustained and enhanced.
- **Provides technical assistance to communities and private landowners** through training sessions, printed and online materials, one-on-one visits, cost-share opportunities, and stewardship plans to encourage communities and private landowners to keep their forests, lands, and water healthy and intact in the face of development pressure, a changing climate, and growing populations of invasive species.

- **Develops and distributes forest information** to help Minnesotans prepare for and prevent insect and disease infestations and understand how forest resources benefit people, the environment, and the economy.
- **Implements the Sustainable Forest Resources Act** (Minnesota Statutes, Chapter 89A) to gather and incorporate diverse perspectives on forest management, use, and protection.
- **Manages timber on school trust lands** to maximize long-term economic returns to the Trust using sound natural resource management practices.
- **Works collaboratively, based on sound management principles, with the forest products industry, forest landowners, and other partners** to support a diverse and healthy forest industry critical to successful forest management.

## RESULTS

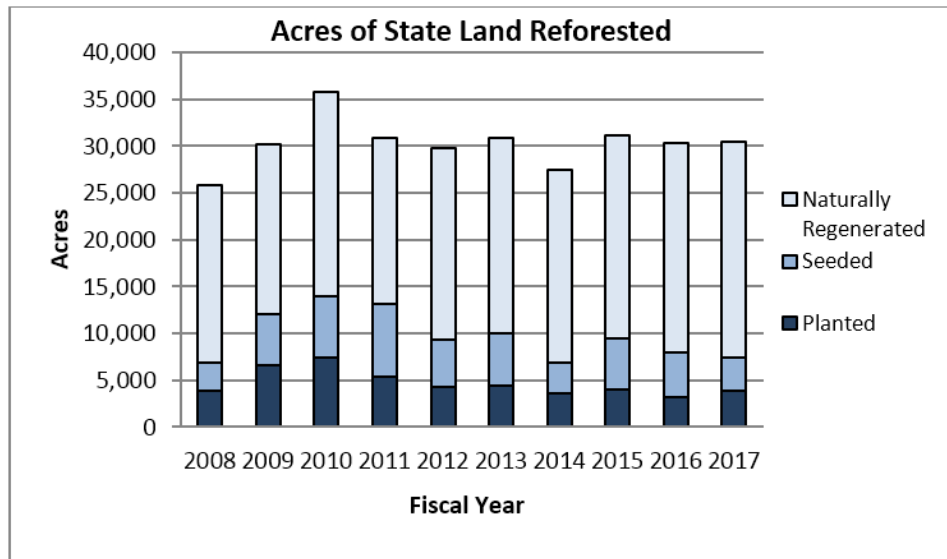
### Quantity Performance Measure: Cords of wood offered for sale on state lands

The state owns 24 percent of Minnesota's forest land, which is a significant source of raw materials for forest product industries and energy production. As of July 2018, the Division's goal is to offer 870,000 cords of timber per year for sale at public auction. The Division's previous goal was 800,000 cords annually. An additional 30,000 cords of ash and tamarack will be offered annually through fiscal year 2023. This special initiative is an effort to make productive use of these two species, which face significant insect threats, and promote reforestation of ash and tamarack sites. State timber harvests are a management tool that have a similar effect as the natural disturbances of the past (e.g., wildfires), helping DNR efficiently and economically provide sustainable timber, wildlife habitat, clean water, and recreational opportunities.



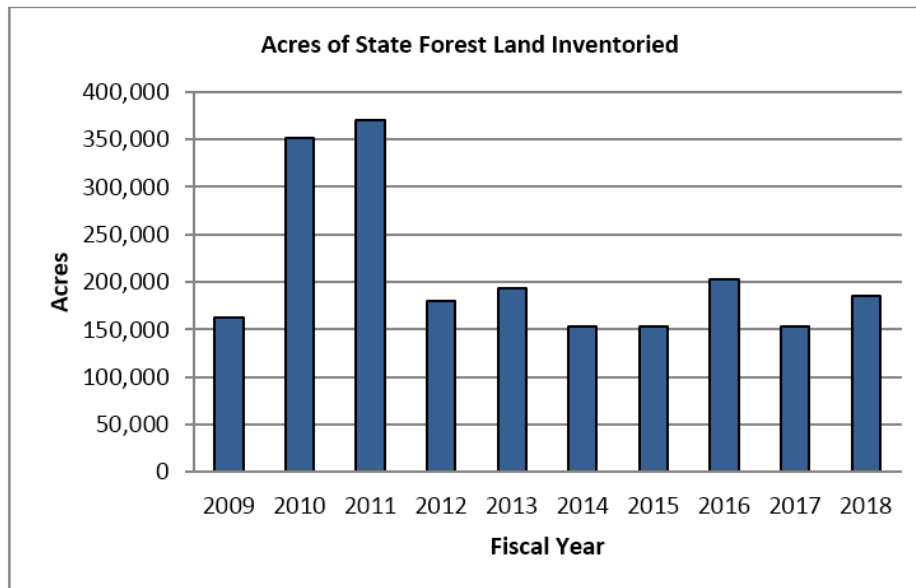
### Results Performance Measure: Acres of state land reforested

The DNR must reforest the same number of acres it harvests (Minnesota Statutes, section 89.002, subdivision 2). This is done by planting seedlings, spreading seed by air, and where possible, allowing the forest to grow back on its own (natural regeneration). The approach to reforesting after harvest depends on what tree species are best for the site. If pine should reforest a site, then the Division plants seedlings for best results. If the Division wants a lowland conifer species like black spruce, it seeds aerially from helicopters. For aspen growth, the Division allows natural regeneration or sprouting to occur. Under DNR's new sustainable timber target, the Division aims to plant and seed 10,000 acres per year. Additionally, the Division protects on average 5,800 acres of young trees annually from deer and other animals.



**Quantity Performance Measure: Acres of state forest land inventoried**

The DNR must maintain an up-to-date inventory of state forest lands, including tree species, age, size, and potential productivity to determine timber supply, management targets, and research needs. In keeping with good forest management practices, the Division's goal is to inventory 200,000 acres per year. DNR foresters and hired consultants perform the on-the-ground inventory work.



The legal authority for the forest management activity comes from Minnesota Statutes 88, 89, 89A, and 90.

88 (<https://www.revisor.mn.gov/statutes/?id=88>)

89 (<https://www.revisor.mn.gov/statutes/?id=89>)

89A (<https://www.revisor.mn.gov/statutes/?id=89A>)

90 (<https://www.revisor.mn.gov/statutes/?id=90>)

103B-H (<https://www.revisor.mn.gov/statutes/part/WATER>)

115B (<https://www.revisor.mn.gov/statutes/?id=115B>)

116G (<https://www.revisor.mn.gov/statutes/?id=116G>)

# Forest Management

# Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21

## Expenditures by Fund

1000 - General	17,686	23,534	22,412	27,812	24,837	24,837	25,430	25,779
2000 - Restrict Misc Special Revenue	3,325	3,893	1,458	3,990	3,305	3,544	3,501	4,094
2001 - Other Misc Special Revenue	2,466	2,130	1,765	2,280	2,235	2,240	2,235	2,240
2050 - Environment & Natural Resources	702	515	962	314				
2113 - Forest Management Investment	11,184	12,526	13,076	16,508	14,332	14,332	15,619	15,886
2117 - Natural Resource Misc Statutory	1,842	2,697	2,533	2,009	2,009	2,009	2,011	2,011
2118 - Land Acquisition	16	13	62	30	30	30	30	30
2209 - Heritage Enhancement	1,121	1,238	1,048	1,643	1,370	1,370	1,398	1,417
2300 - Outdoor Heritage	871	2,603	1,149	5,972				
2302 - Clean Water	391	565	220	789			750	750
2403 - Gift	1	5	33	10	10	10	10	10
3000 - Federal	3,559	4,045	3,499	2,586	2,617	2,109	2,617	2,109
<b>Total</b>	<b>43,164</b>	<b>53,764</b>	<b>48,218</b>	<b>63,943</b>	<b>50,745</b>	<b>50,481</b>	<b>53,601</b>	<b>54,326</b>
Biennial Change				15,233		(10,935)		(4,234)
Biennial % Change				16		(10)		(4)
Governor's Change from Base								6,701
Governor's % Change from Base								7

## Expenditures by Category

Compensation	20,998	23,376	22,711	25,197	25,225	25,058	26,975	27,443
Operating Expenses	19,150	23,490	20,673	37,009	24,065	24,092	25,171	25,552
Grants, Aids and Subsidies	1,838	3,757	3,141	1,736	1,454	1,330	1,454	1,330
Capital Outlay-Real Property	1,066	2,908	1,594					
Other Financial Transaction	113	233	100	1	1	1	1	1
<b>Total</b>	<b>43,164</b>	<b>53,764</b>	<b>48,218</b>	<b>63,943</b>	<b>50,745</b>	<b>50,481</b>	<b>53,601</b>	<b>54,326</b>

Total Agency Expenditures	43,164	53,764	48,218	63,943	50,745	50,481	53,601	54,326
Internal Billing Expenditures	10,909	13,155	12,956	14,479	13,640	13,623	13,640	13,623
<b>Expenditures Less Internal Billing</b>	<b>32,255</b>	<b>40,609</b>	<b>35,262</b>	<b>49,464</b>	<b>37,105</b>	<b>36,858</b>	<b>39,961</b>	<b>40,703</b>

<b><u>Full-Time Equivalents</u></b>	<b>263.83</b>	<b>284.73</b>	<b>273.58</b>	<b>273.58</b>	<b>265.59</b>	<b>260.26</b>	<b>282.22</b>	<b>283.74</b>
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# Forest Management

# Activity Financing by Fund

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
<b>1000 - General</b>								
Balance Forward In		1,832	0	3,009				
Direct Appropriation	19,301	21,705	25,422	24,803	24,837	24,837	25,430	25,779
Open Appropriation	7	1	8	5	5	5	5	5
Transfers Out	7	1	8	5	5	5	5	5
Cancellations		3						
Balance Forward Out	1,618		3,010					
<b>Expenditures</b>	<b>17,686</b>	<b>23,534</b>	<b>22,412</b>	<b>27,812</b>	<b>24,837</b>	<b>24,837</b>	<b>25,430</b>	<b>25,779</b>
Biennial Change in Expenditures				9,004		(550)		985
Biennial % Change in Expenditures				22		(1)		2
Governor's Change from Base								1,535
Governor's % Change from Base								3
Full-Time Equivalents	77.26	100.99	98.61	98.61	96.63	94.71	100.56	102.40

## 2000 - Restrict Misc Special Revenue

Balance Forward In	531	711	896	3,663	3,471	3,806	3,471	3,806
Receipts	4,792	5,962	4,944	5,281	5,285	5,251	5,285	5,251
Transfers In	1,002	1,037	1,051	1,113	1,013	1,008	1,209	1,558
Transfers Out	2,392	2,934	1,770	2,596	2,658	2,680	2,658	2,680
Balance Forward Out	608	882	3,662	3,471	3,806	3,841	3,806	3,841
<b>Expenditures</b>	<b>3,325</b>	<b>3,893</b>	<b>1,458</b>	<b>3,990</b>	<b>3,305</b>	<b>3,544</b>	<b>3,501</b>	<b>4,094</b>
Biennial Change in Expenditures				(1,770)		1,401		2,147
Biennial % Change in Expenditures				(25)		26		39
Governor's Change from Base								746
Governor's % Change from Base								11
Full-Time Equivalents	0.48	0.27	0.40	0.40	0.39	0.38	0.64	0.63

## 2001 - Other Misc Special Revenue

Balance Forward In	2,808	2,835	2,584	2,613	2,504	2,492	2,504	2,492
Receipts	2,254	1,817	1,869	2,171	2,223	2,230	2,223	2,230
Internal Billing Receipts		582	788					
Transfers In	165		13					
Transfers Out			89					
Balance Forward Out	2,762	2,522	2,613	2,504	2,492	2,482	2,492	2,482

# Forest Management

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b>Expenditures</b>	<b>2,466</b>	<b>2,130</b>	<b>1,765</b>	<b>2,280</b>	<b>2,235</b>	<b>2,240</b>	<b>2,235</b>	<b>2,240</b>
Biennial Change in Expenditures				(551)		430		430
Biennial % Change in Expenditures				(12)		11		11
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	22.59	22.98	18.57	18.57	18.21	17.83	18.21	17.83

## 2050 - Environment & Natural Resources

Balance Forward In		484	1,276	314				
Direct Appropriation	800	1,240						
Balance Forward Out	98	1,209	314					
<b>Expenditures</b>	<b>702</b>	<b>515</b>	<b>962</b>	<b>314</b>				
Biennial Change in Expenditures				59		(1,276)		(1,276)
Biennial % Change in Expenditures				5		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	0.34	1.03	2.26	2.26				

## 2113 - Forest Management Investment

Balance Forward In		697		1,480				
Direct Appropriation	11,881	13,144	14,556	15,028	14,332	14,332	15,619	15,886
Transfers In	9,693	10,410	10,037	11,818	11,586	11,611	11,586	11,611
Cancellations	9,693	11,725	10,037	11,818	11,586	11,611	11,586	11,611
Balance Forward Out	697		1,480					
<b>Expenditures</b>	<b>11,184</b>	<b>12,526</b>	<b>13,076</b>	<b>16,508</b>	<b>14,332</b>	<b>14,332</b>	<b>15,619</b>	<b>15,886</b>
Biennial Change in Expenditures				5,874		(920)		1,921
Biennial % Change in Expenditures				25		(3)		6
Governor's Change from Base								2,841
Governor's % Change from Base								10
Full-Time Equivalents	129.01	123.31	122.26	122.26	119.81	117.42	131.77	132.26

## 2117 - Natural Resource Misc Statutory

Balance Forward In	1,568	1,843	1,514	2,054	2,218	2,382	2,218	2,382
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# Forest Management

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Receipts	2,082	1,718	3,073	2,173	2,173	2,273	2,175	2,275
Internal Billing Receipts		1,546	2,574					
Balance Forward Out	1,806	864	2,054	2,218	2,382	2,646	2,382	2,646
<b>Expenditures</b>	<b>1,842</b>	<b>2,697</b>	<b>2,533</b>	<b>2,009</b>	<b>2,009</b>	<b>2,009</b>	<b>2,011</b>	<b>2,011</b>
Biennial Change in Expenditures				3		(524)		(520)
Biennial % Change in Expenditures				0		(12)		(11)
Governor's Change from Base								4
Governor's % Change from Base								0
Full-Time Equivalents	11.72	13.21	12.39	12.39	12.14	11.90	12.14	11.90

## 2118 - Land Acquisition

Balance Forward In	32	72	150	121	177	233	177	233
Receipts	55	91	33	86	86	86	86	86
Balance Forward Out	72	150	121	177	233	289	233	289
<b>Expenditures</b>	<b>16</b>	<b>13</b>	<b>62</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>	<b>30</b>
Biennial Change in Expenditures				64		(32)		(32)
Biennial % Change in Expenditures				222		(35)		(35)
Governor's Change from Base								0
Governor's % Change from Base								0

## 2200 - Game and Fish (Operations)

Open Appropriation	344	375	303	350	350	350	350	350
Transfers Out	344	375	303	350	350	350	350	350

## 2209 - Heritage Enhancement

Balance Forward In		178		277				
Direct Appropriation	1,287	1,287	1,325	1,366	1,370	1,370	1,398	1,417
Cancellations		227						
Balance Forward Out	166		277					
<b>Expenditures</b>	<b>1,121</b>	<b>1,238</b>	<b>1,048</b>	<b>1,643</b>	<b>1,370</b>	<b>1,370</b>	<b>1,398</b>	<b>1,417</b>
Biennial Change in Expenditures				332		49		124
Biennial % Change in Expenditures				14		2		5
Governor's Change from Base								75



# Forest Management

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Governor's % Change from Base								3
Full-Time Equivalents	11.29	12.39	10.50	10.50	10.29	10.08	10.58	10.58

## 2300 - Outdoor Heritage

Balance Forward In	1,472	3,139	4,033	5,972				
Direct Appropriation	2,180	3,840	3,291					
Cancellations		358	204					
Balance Forward Out	2,781	4,018	5,971					
<b>Expenditures</b>	<b>871</b>	<b>2,603</b>	<b>1,149</b>	<b>5,972</b>				
Biennial Change in Expenditures				3,647		(7,121)		(7,121)
Biennial % Change in Expenditures				105		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	0.07	0.05	0.15	0.15				

## 2302 - Clean Water

Balance Forward In	466	270	241	389				
Direct Appropriation	450	450	400	400	0	0	750	750
Transfers Out	217							
Cancellations	62	20	31					
Balance Forward Out	246	135	389					
<b>Expenditures</b>	<b>391</b>	<b>565</b>	<b>220</b>	<b>789</b>			<b>750</b>	<b>750</b>
Biennial Change in Expenditures				54		(1,009)		491
Biennial % Change in Expenditures				6		(100)		49
Governor's Change from Base								1,500
Governor's % Change from Base								
Full-Time Equivalents	1.16	2.11	0.17	0.17			0.20	0.20

## 2403 - Gift

Balance Forward In	167	174	217	252	274	296	274	296
Receipts	8	48	69	32	32	32	32	32
Balance Forward Out	174	217	252	274	296	318	296	318
<b>Expenditures</b>	<b>1</b>	<b>5</b>	<b>33</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>

## Forest Management

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Biennial Change in Expenditures				37		(23)		(23)
Biennial % Change in Expenditures				654		(54)		(54)
Governor's Change from Base								0
Governor's % Change from Base								0

### 3000 - Federal

Balance Forward In	1,416	1,614	1,661	1,784	1,784	1,784	1,784	1,784
Receipts	3,674	4,065	3,622	2,586	2,617	2,109	2,617	2,109
Balance Forward Out	1,531	1,636	1,784	1,784	1,784	1,784	1,784	1,784
<b>Expenditures</b>	<b>3,559</b>	<b>4,045</b>	<b>3,499</b>	<b>2,586</b>	<b>2,617</b>	<b>2,109</b>	<b>2,617</b>	<b>2,109</b>
Biennial Change in Expenditures				(1,519)		(1,359)		(1,359)
Biennial % Change in Expenditures				(20)		(22)		(22)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	9.91	8.39	8.27	8.27	8.12	7.94	8.12	7.94

### 3800 - Permanent School

Balance Forward In	10,952	10,058	9,102	10,578	9,294	8,310	9,294	8,307
Receipts	10,763	10,035	11,767	11,506	11,506	11,506	11,506	11,506
Transfers Out	11,657	11,013	10,291	12,790	12,490	12,490	12,493	12,496
Balance Forward Out	10,058	9,079	10,578	9,294	8,310	7,326	8,307	7,317

### 6000 - Miscellaneous Agency

Balance Forward In	104	51	231	103				
Receipts	51	231	103					
Transfers Out	104	51	231	103				
Balance Forward Out	51	231	103					

**Program:** Forestry  
**Activity:** Firefighting

[dnr.state.mn.us/forestry/index.html](http://dnr.state.mn.us/forestry/index.html)

#### AT A GLANCE

- Responded to 822 wildfires in FY2018
- Issue approximately 65,000 burning permits annually
- Respond in 20 minutes or less to wildfires where DNR is the first responder
- Protect at least 95 percent of structures threatened by wildfires
- Hold the nation's largest fire prevention outreach event at the State Fair where 700 firefighters and volunteers present fire prevention activities
- Maintain six community wildfire protection plans through the Firewise Program to help 318 communities reduce burnable materials around homes and communities
- Coordinate emergency response activities and equipment and maintain cooperative agreements with national and local partners
- Provide reimbursable out-of-state firefighting assistance through the Minnesota Interagency Fire Center and mutual aid agreements

#### PURPOSE & CONTEXT

The Division of Forestry provides wildfire protection for 45.5 million acres of public and private land. This includes:

- Protecting against loss of life by wildfire.
- Reducing loss of property and natural resources.
- Responding to fire and natural disaster emergencies in Minnesota and cooperating with federal and regional firefighting organizations by staffing national fire incidents.
- Preventing wildfires through education, regulation, and an open-burning permit system.
- Using prescribed fires as a tool to reduce burnable materials in natural areas.

Wildfire is a natural part of the environment; however, it can cause damage. With more people living in suburban and rural areas, wildfire protection is critical to protecting people, property, and natural resources. Our protection efforts serve landowners, homeowners, businesses, rural fire departments, other emergency response partners, and natural resource managers.

State authority over wildfire management began in the early 1900s after devastating wildfires destroyed Hinckley, Baudette, Chisholm, and Cloquet. In 1976, the Legislature created an open appropriation account to fund fire suppression efforts. The Department of Natural Resources (DNR) is mandated to use these funds to suppress wildfire throughout the state.

#### SERVICES PROVIDED

The Division protects against the loss of life, property, and natural resources from wildfire and enhances natural resource management through:

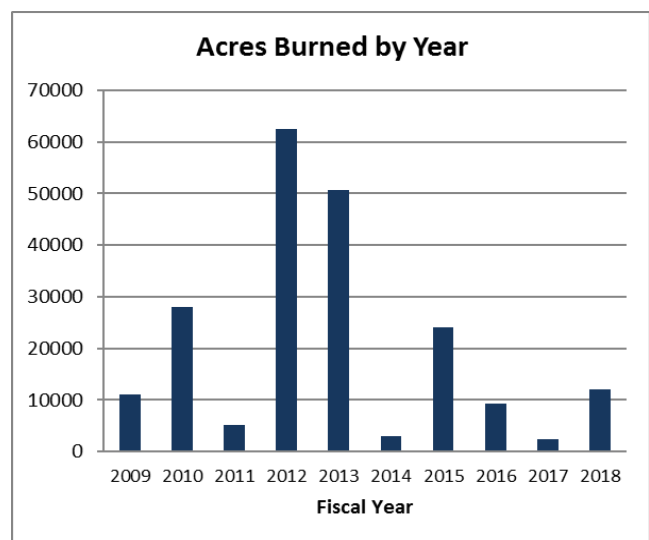
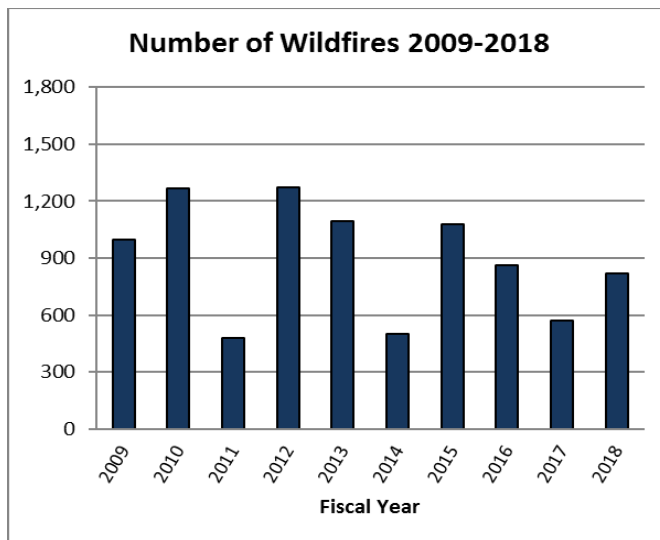
- **Prevention**—providing educational information and activities; regulating open burning; enforcing state wildfire and open-burning laws; investigating wildfire arson; and helping homeowners, developers, and cities identify and reduce the risk of wildfires around their homes and communities through the Firewise program.

- **Presuppression**—training firefighters and support personnel, operating the Minnesota Interagency Fire Center, maintaining partnerships and aid agreements with other fire protection agencies, tracking statewide availability of specialized ground and aerial suppression equipment, and maintaining an emergency communications network.
- **Suppression**—locating wildfires with aerial patrols, public reports, and lookout towers; seasonally relocating firefighting resources to shorten response times; and controlling the spread of wildfires to minimize their damage. Suppression efforts require trained firefighters, support personnel, and aerial and ground-based equipment.
- **Prescribed burning**—using fire intentionally to prepare sites for reforestation; improve wildlife habitat; maintain natural plant communities; reduce the risk and severity of wildfires; provide valuable fire suppression training; and control insects, diseases, and invasive plants.

## RESULTS

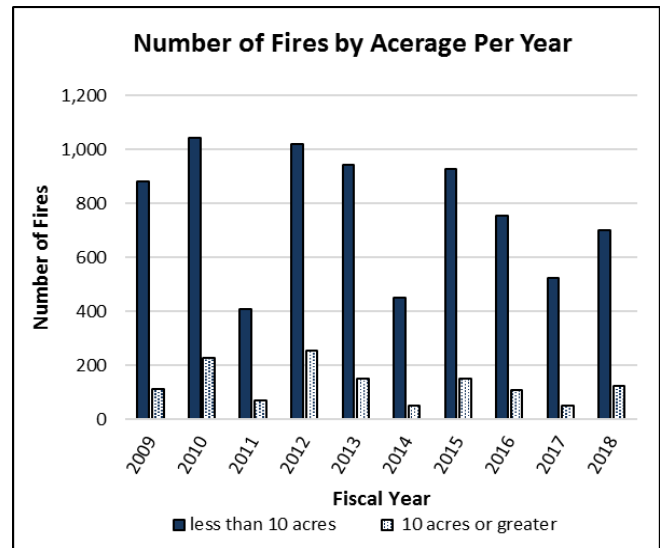
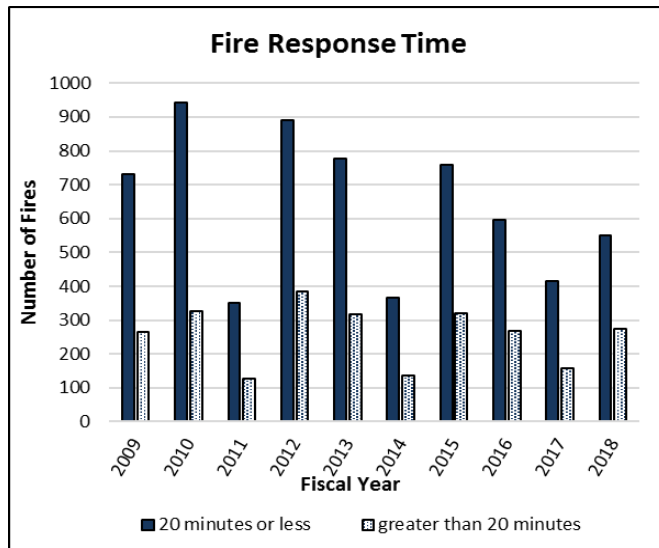
### Quantity Performance Measure: Fires and acres burned

Wildfire danger levels relate to the weather. A long-term drought from 2011 to 2013 resulted in high wildfire danger and longer wildfire seasons. Shortened and wet spring seasons in 2014 and 2017 meant fewer fires and acres burned than other years. Through agreements, Minnesota exchanges, and is reimbursed for, firefighters and equipment to support fire suppression efforts with state, federal, and provincial partners. These reciprocal working relationships provide outstanding training to maintain a highly skilled firefighter workforce and are a critical resource for reducing wildfire costs. In FY18, the State of Minnesota filled 139 requests to assist other states with wildfire response. The need for wildfire protection is unpredictable from year to year, but can be a significant workload when weather patterns are dry.



## Quality Performance Measure: Wildfire size and response times

The success of the Division's wildfire suppression strategy is due to aggressive initial attack. The Division's goal is to keep wildfires small—fewer than 10 acres—and respond to them within 20 minutes. Once a wildfire escapes initial attack, suppression costs and damages increase rapidly.



The legal authority for the firefighting activity comes from Minnesota Statutes: 88.01-88.46 (<https://www.revisor.mn.gov/statutes/?id=88>).

# Fire Fighting

# Activity Expenditure Overview

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
<b><i>Expenditures by Fund</i></b>								
1000 - General	25,023	25,022	24,659	25,408	25,021	25,021	25,021	25,021
2001 - Other Misc Special Revenue	5,577	4,976	6,067	4,841	3,714	3,714	3,714	3,714
<b>Total</b>	<b>30,600</b>	<b>29,998</b>	<b>30,726</b>	<b>30,249</b>	<b>28,735</b>	<b>28,735</b>	<b>28,735</b>	<b>28,735</b>
Biennial Change				376		(3,505)		(3,505)
Biennial % Change				1		(6)		(6)
Governor's Change from Base								0
Governor's % Change from Base								0
<b><i>Expenditures by Category</i></b>								
Compensation	14,705	13,438	15,241	14,771	14,771	14,771	14,771	14,771
Operating Expenses	14,842	13,784	15,317	15,376	13,862	13,862	13,862	13,862
Grants, Aids and Subsidies	68	120	71	81	81	81	81	81
Capital Outlay-Real Property	276	2,442	50					
Other Financial Transaction	709	214	48	21	21	21	21	21
<b>Total</b>	<b>30,600</b>	<b>29,998</b>	<b>30,726</b>	<b>30,249</b>	<b>28,735</b>	<b>28,735</b>	<b>28,735</b>	<b>28,735</b>
Total Agency Expenditures	30,600	29,998	30,726	30,249	28,735	28,735	28,735	28,735
Internal Billing Expenditures	5,237	5,222	5,594	6,183	8,062	8,062	8,062	8,062
<b>Expenditures Less Internal Billing</b>	<b>25,363</b>	<b>24,776</b>	<b>25,132</b>	<b>24,066</b>	<b>20,673</b>	<b>20,673</b>	<b>20,673</b>	<b>20,673</b>
<b><i>Full-Time Equivalents</i></b>	<b>204.31</b>	<b>184.14</b>	<b>201.35</b>	<b>201.35</b>	<b>197.33</b>	<b>193.38</b>	<b>197.33</b>	<b>193.38</b>

# Fire Fighting

# Activity Financing by Fund

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
<b>1000 - General</b>								
Balance Forward In		385		387				
Direct Appropriation	7,145	7,145	7,357	7,521	7,521	7,521	7,521	7,521
Open Appropriation	18,078	17,494	17,689	17,500	17,500	17,500	17,500	17,500
Cancellations		2						
Balance Forward Out	202		387					
<b>Expenditures</b>	<b>25,023</b>	<b>25,022</b>	<b>24,659</b>	<b>25,408</b>	<b>25,021</b>	<b>25,021</b>	<b>25,021</b>	<b>25,021</b>
Biennial Change in Expenditures			22		(25)		(25)	
Biennial % Change in Expenditures			0		(0)		(0)	
Governor's Change from Base							0	
Governor's % Change from Base							0	
Full-Time Equivalents	173.49	162.60	170.67	170.67	167.26	163.91	167.26	163.91

## 2001 - Other Misc Special Revenue

Balance Forward In	2,321	2,939	2,032	1,223	949	956	949	956
Receipts	5,344	3,785	6,482	5,067	4,221	4,221	4,221	4,221
Internal Billing Receipts	132	116	240	250	250	250	250	250
Transfers Out			1,224	500	500	500	500	500
Balance Forward Out	2,086	1,747	1,223	949	956	963	956	963
<b>Expenditures</b>	<b>5,577</b>	<b>4,976</b>	<b>6,067</b>	<b>4,841</b>	<b>3,714</b>	<b>3,714</b>	<b>3,714</b>	<b>3,714</b>
Biennial Change in Expenditures				354		(3,480)		(3,480)
Biennial % Change in Expenditures				3		(32)		(32)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	30.82	21.54	30.68	30.68	30.07	29.47	30.07	29.47

**Program: Parks and Trails****Activity: Parks and Trails Management**[dnr.state.mn.us/parks\\_trails/index.html](http://dnr.state.mn.us/parks_trails/index.html)

### AT A GLANCE

- Operate 66 state parks, nine state recreation areas, nine state waysides and nearly 5,000 campsites
- Maintain more than 1,500 miles of state trails, 4,100 miles of hiking/biking/motorized trails in state parks, state recreation areas, and state forest lands, and manage 22,000 miles of snowmobile trails
- Maintain 43 state forest campgrounds, including 29 day-use areas and 12 state forest horse campgrounds
- Maintain 1,700 public water accesses, 360 fishing piers, 35 state water trails
- Contribute to the state's \$13.6 billion tourism industry with 11 of the top 35 Minnesota tourist attractions, and 31 out of 40 of the top tourist attractions in Greater Minnesota
- Restore and maintain 256,000 acres of natural lands and help preserve 285 rare species
- Steward 47 historic districts, nearly 600 historic structures and more than 900 archaeological sites
- Deliver 8,000 outdoor educational programs to 250,000 participants

### PURPOSE & CONTEXT

The vision of the Department of Natural Resources (DNR) Parks and Trails Division is to create unforgettable park, trail, and water recreation experiences that inspire people to pass along the love of the outdoors to current and future generations.

State parks and trails make citizens' lives better by connecting them to nature, helping them to stay healthy and fit, strengthening local communities and economies and conserving the state's special places and resources.

Parks and Trails serves out-of-state visitors and residents alike. We offer outdoor recreational opportunities within 30 miles of most people in the state. The Division serves:

- 10 million state park visitors (18 percent are out-of-state).
- Owners of 492,000 registered snowmobiles and off highway vehicles; and 826,000 registered watercraft.
- Local communities, which receive about \$230 million each year from park visitor spending.

### SERVICES PROVIDED

The Division of Parks and Trails' work is divided into four categories.

**Parks and Trails connects people to the outdoors through our state parks, trails, forest recreation areas and water recreation.** The Division's naturalist and outreach programs are aimed at experienced and beginner outdoor enthusiasts. The Division offers skill-building programs so first-timers can explore the outdoors in a safe, engaging way. The Division appeals to outdoor enthusiasts with an eye toward innovative facilities, services and amenities (such as 100 percent reservable campsites, self-directed visitor orientation, and the Park Finder web tool), and popular recreational opportunities like mountain biking and paddle boarding. The Division has received four Governor's Innovation Awards for its services.

**Parks and Trails acquires land and create new recreational and conservation opportunities.** The Division focuses its acquisition and development on conserving the state's rich natural and cultural history, and meeting future recreation demand. The Division plans ahead to meet the emerging needs of outdoor enthusiasts and use technology to attract and retain outdoor recreation users.



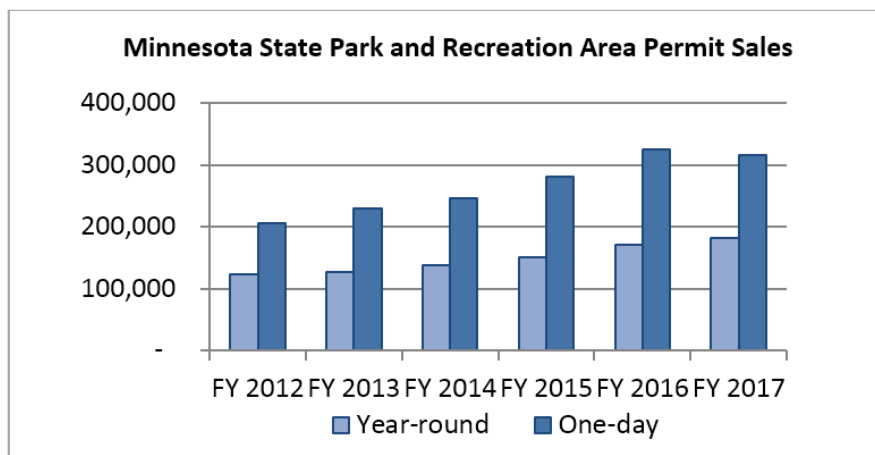
**Parks and Trails takes care of what it has and the people it serves.** Visitors want high quality customer service, facilities and amenities. With this in mind, the Division invests legacy funds to make improvements to aging infrastructure and reinvigorate visitor services. It also manages unique natural resources for public enjoyment and long-term conservation.

**Parks and Trails works with partners.** The Division connects with outdoor recreation partners to provide a seamless outdoor recreation system at the local, regional, state and federal level. About 25 percent of the Division’s budget is devoted to grant programs that pass funding through to local governments to meet near-home outdoor recreation opportunities (see Parks and Trails Community Partnerships narrative).

## RESULTS

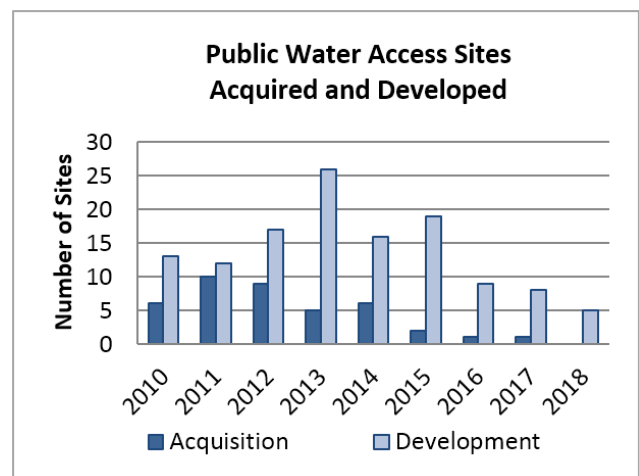
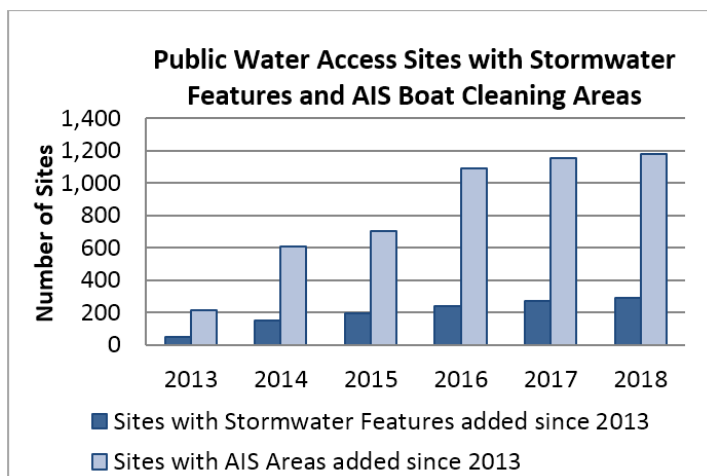
### Quantity Performance Measure: Number of State Park Permit Sales

The popularity of state outdoor recreation assets is on the rise, as illustrated by the increase in one-day and year-round permit sales (below). State parks and trails help support healthy communities.



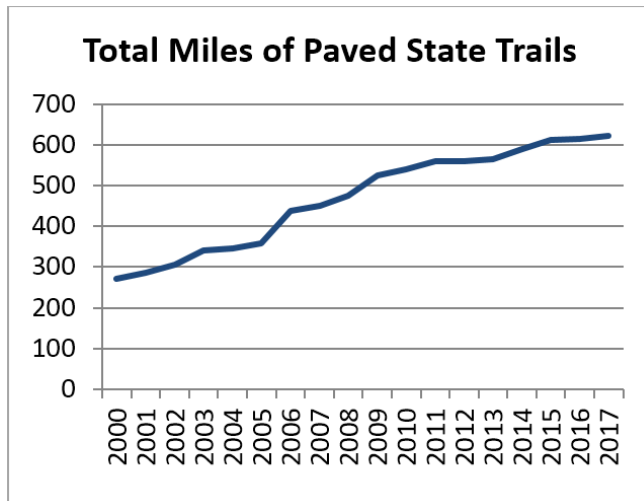
### Quantity Performance Measure: Number of Public Water Access Sites Acquired and Developed

The Division maintains public water accesses, state water trails, fishing piers and shore fishing sites. In recent years, its focus has shifted to improving existing water accesses for public safety, storm-water runoff, and aquatic invasive species (AIS) boat-cleaning areas.



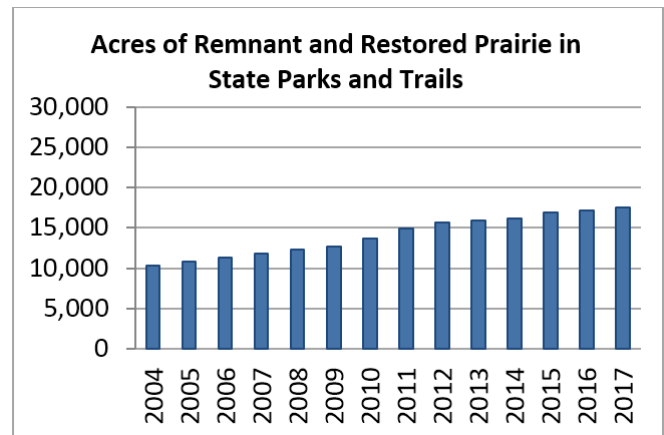
### Quantity Performance Measure: Miles of Paved State Trails

Miles of paved trails for bicycling have more than doubled since 2000, increasing from 271 in 2000 to 622 in 2017. DNR's expanding trails system provides social and economic benefits to local communities.



### Results Performance Measure: Acres of Remnant and Restored Prairie in State Parks and Trails

The Division protects, restores, and maintains native plant communities and wildlife through active management. It restores native plant communities, conducts prescribed burns, and manages AIS on about 13,000 acres every year. The Division currently manages approximately 17,500 acres of remnant/restored prairie and its goal is to restore an additional 11,000 acres of prairie by 2038.



These measures illustrate just a handful of the outcomes DNR achieves through its Parks and Trails Management and Operations. More measures and trends can be found at: State Parks and Trails Studies (<http://www.dnr.state.mn.us/aboutdnr/reports/pat/index.html>)

The legal authority for the Parks and Trails Management and Operations Program comes from Minnesota Statutes: 86A.05 (<https://www.revisor.mn.gov/statutes/?id=86A.05>).

# Parks and Trails

# Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b><u>Expenditures by Fund</u></b>								
1000 - General	23,128	28,694	23,763	29,087	26,324	26,324	27,893	28,230
1300 - Minnesota Resources	0	0						
2001 - Other Misc Special Revenue	8,132	8,285	8,918	13,899	13,287	13,280	13,287	13,280
2050 - Environment & Natural Resources	1,848	78	1,118	9,808				
2100 - Water Recreation	9,236	10,482	9,206	12,974	10,800	10,805	15,624	15,749
2101 - Snowmobile	3,168	3,411	3,241	4,487	4,109	4,109	4,168	4,224
2102 - All-Terrain Vehicle	1,948	2,988	2,272	2,643	2,475	2,339	3,013	2,912
2103 - Off-Highway Motorcycle	194	274	241	281	251	251	256	258
2104 - Off-Road Vehicle	567	685	607	755	677	677	1,083	1,090
2106 - State Park	12,553	15,982	17,268	20,987	19,101	19,101	19,402	19,678
2107 - State Pks & Trls Lott In Lieu	5,171	5,647	5,152	7,050	6,246	6,246	6,344	6,435
2116 - Cross Country Ski	50	83	66	92	80	80	116	117
2117 - Natural Resource Misc Statutory	174	245	308	270	668	668	673	673
2118 - Land Acquisition	141	129	22	68	55	55	55	55
2119 - State Land & Water Conservation	192	231	238	280	262	262	266	269
2200 - Game and Fish (Operations)	1,877	2,410	1,025	3,523	2,277	2,277	2,292	2,300
2303 - Parks and Trails	19,600	14,634	15,442	33,919			30,932	31,187
2403 - Gift	145	85	123	58	161	161	161	161
<b>Total</b>	<b>88,124</b>	<b>94,344</b>	<b>89,009</b>	<b>140,181</b>	<b>86,773</b>	<b>86,635</b>	<b>125,565</b>	<b>126,618</b>
Biennial Change				46,721		(55,782)		22,993
Biennial % Change				26		(24)		10
Governor's Change from Base								78,775
Governor's % Change from Base								45

## **Expenditures by Category**

Compensation	39,595	40,357	41,564	53,183	47,234	47,234	55,493	56,431
Operating Expenses	34,505	41,590	37,621	69,136	34,926	34,788	55,573	55,606
Grants, Aids and Subsidies	383	1,368	894	2,450	500	500	10,386	10,468
Capital Outlay-Real Property	13,410	10,614	8,742	14,908	3,785	3,785	3,785	3,785
Other Financial Transaction	232	414	187	504	328	328	328	328
<b>Total</b>	<b>88,124</b>	<b>94,344</b>	<b>89,009</b>	<b>140,181</b>	<b>86,773</b>	<b>86,635</b>	<b>125,565</b>	<b>126,618</b>

## Parks and Trails

## Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Total Agency Expenditures	88,124	94,344	89,009	140,181	86,773	86,635	125,565	126,618
Internal Billing Expenditures	18,788	19,562	20,525	21,128	18,641	18,627	18,641	18,627
<b>Expenditures Less Internal Billing</b>	<b>69,336</b>	<b>74,782</b>	<b>68,484</b>	<b>119,053</b>	<b>68,132</b>	<b>68,008</b>	<b>106,924</b>	<b>107,991</b>
<b><u>Full-Time Equivalents</u></b>	<b>560.27</b>	<b>549.74</b>	<b>560.59</b>	<b>560.59</b>	<b>506.84</b>	<b>496.73</b>	<b>577.51</b>	<b>577.54</b>

## Parks and Trails

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20FY21		Governor's Recommendation FY20FY21	
1000 - General								
Balance Forward In	350	2,176	772	2,807				
Direct Appropriation	24,777	27,356	25,799	26,280	26,324	26,324	27,893	28,230
Cancellations		91						
Balance Forward Out	2,000	747	2,807					
Expenditures	23,128	28,694	23,763	29,087	26,324	26,324	27,893	28,230
Biennial Change in Expenditures				1,028		(202)		3,273
Biennial % Change in Expenditures				2		(0)		6
Governor's Change from Base								3,475
Governor's % Change from Base								7
Full-Time Equivalents	204.29	209.59	191.96	191.96	188.12	184.36	195.84	195.72

### 1300 - Minnesota Resources

Open Appropriation	0	0						
<b>Expenditures</b>	<b>0</b>	<b>0</b>						
Biennial Change in Expenditures				0		0		0
Biennial % Change in Expenditures				(100)				
Governor's Change from Base								0
Governor's % Change from Base								

### 2001 - Other Misc Special Revenue

Balance Forward In	6,743	7,772	9,467	10,757	9,712	9,261	9,712	9,261
Receipts	8,597	9,375	10,170	12,935	12,935	12,935	12,935	12,935
Transfers In	201	164	203	22	30	30	30	30
Transfers Out	65	33	164	103	129	129	129	129
Balance Forward Out	7,345	8,994	10,757	9,712	9,261	8,817	9,261	8,817
<b>Expenditures</b>	<b>8,132</b>	<b>8,285</b>	<b>8,918</b>	<b>13,899</b>	<b>13,287</b>	<b>13,280</b>	<b>13,287</b>	<b>13,280</b>
Biennial Change in Expenditures				6,400		3,750		3,750
Biennial % Change in Expenditures				39		16		16
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	45.71	40.08	39.24	39.24	38.45	37.69	38.45	37.69

### 2050 - Environment & Natural Resources

## Parks and Trails

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Balance Forward In	262	543	1,475	2,558				
Direct Appropriation	2,100	999	2,211	7,250	0	0	0	0
Cancellations	0		10					
Balance Forward Out	514	1,464	2,559					
<b>Expenditures</b>	<b>1,848</b>	<b>78</b>	<b>1,118</b>	<b>9,808</b>				
Biennial Change in Expenditures				9,000		(10,926)		(10,926)
Biennial % Change in Expenditures				467		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents			0.84	0.84				

### 2100 - Water Recreation

Balance Forward In	912	2,755	1,009	2,189	25	35	25	35
Direct Appropriation	10,888	10,740	10,740	10,740	10,740	10,740	15,564	15,684
Receipts	57	61	65	70	70	70	70	70
Transfers In	10,813	10,970	11,062	11,250	11,280	11,225	13,315	16,929
Cancellations	10,813	13,049	11,481	11,250	11,280	11,225	13,315	16,929
Balance Forward Out	2,620	995	2,189	25	35	40	35	40
<b>Expenditures</b>	<b>9,236</b>	<b>10,482</b>	<b>9,206</b>	<b>12,974</b>	<b>10,800</b>	<b>10,805</b>	<b>15,624</b>	<b>15,749</b>
Biennial Change in Expenditures				2,461		(575)		9,193
Biennial % Change in Expenditures				12		(3)		41
Governor's Change from Base								9,768
Governor's % Change from Base								45
Full-Time Equivalents	59.60	56.92	56.62	56.62	55.49	54.38	65.85	66.05

### 2101 - Snowmobile

Balance Forward In	364	623	270	641	263	263	263	263
Direct Appropriation	3,545	3,623	3,613	4,109	4,109	4,109	4,168	4,224
Transfers In	7,209	7,313	7,375	7,500	7,520	7,483	8,876	11,286
Cancellations	7,209	7,885	7,375	7,500	7,520	7,483	8,876	11,286
Balance Forward Out	740	263	642	263	263	263	263	263
<b>Expenditures</b>	<b>3,168</b>	<b>3,411</b>	<b>3,241</b>	<b>4,487</b>	<b>4,109</b>	<b>4,109</b>	<b>4,168</b>	<b>4,224</b>
Biennial Change in Expenditures				1,149		490		664

## Parks and Trails

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Biennial % Change in Expenditures				17		6		9
Governor's Change from Base								174
Governor's % Change from Base								2
Full-Time Equivalents	25.69	24.92	25.46	25.46	24.95	24.45	25.56	25.67

### 2102 - All-Terrain Vehicle

Balance Forward In	276	533	240	447	136		136	
Direct Appropriation	2,193	3,141	2,478	2,332	2,339	2,339	2,877	2,912
Transfers In	1,946	1,975	1,991	2,025	2,030	2,021	2,396	3,048
Cancellations	1,946	2,420	1,991	2,025	2,030	2,021	2,396	3,048
Balance Forward Out	522	240	447	136				
<b>Expenditures</b>	<b>1,948</b>	<b>2,988</b>	<b>2,272</b>	<b>2,643</b>	<b>2,475</b>	<b>2,339</b>	<b>3,013</b>	<b>2,912</b>
Biennial Change in Expenditures				(22)		(101)		1,010
Biennial % Change in Expenditures				(0)		(2)		21
Governor's Change from Base								1,111
Governor's % Change from Base								23
Full-Time Equivalents	15.73	15.86	15.71	15.71	15.40	15.09	17.79	17.86

### 2103 - Off-Highway Motorcycle

Balance Forward In	42	84	27	30				
Direct Appropriation	234	289	244	251	251	251	256	258
Transfers In	332	336	339	345	346	344	408	519
Cancellations	332	408	339	345	346	344	408	519
Balance Forward Out	82	27	30					
<b>Expenditures</b>	<b>194</b>	<b>274</b>	<b>241</b>	<b>281</b>	<b>251</b>	<b>251</b>	<b>256</b>	<b>258</b>
Biennial Change in Expenditures				54		(20)		(8)
Biennial % Change in Expenditures				12		(4)		(2)
Governor's Change from Base								12
Governor's % Change from Base								2
Full-Time Equivalents	1.53	1.79	2.01	2.01	1.97	1.93	2.02	2.01

### 2104 - Off-Road Vehicle

Balance Forward In	92	276	27	78				
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## Parks and Trails

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Direct Appropriation	651	708	658	677	677	677	1,083	1,090
Transfers In	1,212	1,169	1,209	1,199	1,203	1,197	1,425	1,821
Cancellations	1,212	1,442	1,209	1,199	1,203	1,197	1,425	1,821
Balance Forward Out	178	27	78					
<b>Expenditures</b>	<b>567</b>	<b>685</b>	<b>607</b>	<b>755</b>	<b>677</b>	<b>677</b>	<b>1,083</b>	<b>1,090</b>
Biennial Change in Expenditures				110		(8)		811
Biennial % Change in Expenditures				9		(1)		60
Governor's Change from Base								819
Governor's % Change from Base								60
Full-Time Equivalents	2.49	2.81	3.29	3.29	3.22	3.16	4.28	4.30

### 2106 - State Park

Balance Forward In	1,119	2,378	2,022	4,175	3,084	3,944	3,084	3,944
Direct Appropriation	12,211	14,450	17,789	18,186	18,251	18,251	18,552	18,828
Receipts	1,420	1,576	1,632	1,710	1,710	1,710	1,710	1,710
Transfers In	19	16	29	43	59	59	59	59
Cancellations	19	640	29	43	59	59	59	59
Balance Forward Out	2,199	1,798	4,175	3,084	3,944	4,804	3,944	4,804
<b>Expenditures</b>	<b>12,553</b>	<b>15,982</b>	<b>17,268</b>	<b>20,987</b>	<b>19,101</b>	<b>19,101</b>	<b>19,402</b>	<b>19,678</b>
Biennial Change in Expenditures				9,720		(53)		825
Biennial % Change in Expenditures				34		(0)		2
Governor's Change from Base								878
Governor's % Change from Base								2
Full-Time Equivalents	108.92	110.85	137.89	137.89	135.13	132.43	138.23	138.51

### 2107 - State Pks & Trls Lott In Lieu

Balance Forward In		578		820				
Direct Appropriation	5,740	5,740	5,972	6,230	6,246	6,246	6,344	6,435
Cancellations		671						
Balance Forward Out	568		820					
<b>Expenditures</b>	<b>5,171</b>	<b>5,647</b>	<b>5,152</b>	<b>7,050</b>	<b>6,246</b>	<b>6,246</b>	<b>6,344</b>	<b>6,435</b>
Biennial Change in Expenditures				1,383		290		577
Biennial % Change in Expenditures				13		2		5



## Parks and Trails

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Governor's Change from Base								287
Governor's % Change from Base								2
Full-Time Equivalents	45.28	40.06	37.58	37.58	36.83	36.09	37.84	38.08

### 2116 - Cross Country Ski

Balance Forward In		26		12				
Direct Appropriation	75	75	78	80	80	80	116	117
Cancellations		18						
Balance Forward Out	25		12					
<b>Expenditures</b>	<b>50</b>	<b>83</b>	<b>66</b>	<b>92</b>	<b>80</b>	<b>80</b>	<b>116</b>	<b>117</b>
Biennial Change in Expenditures				25		2		75
Biennial % Change in Expenditures				19		1		48
Governor's Change from Base								73
Governor's % Change from Base								46
Full-Time Equivalents	0.03	0.77	0.50	0.50	0.49	0.48	0.70	0.70

### 2117 - Natural Resource Misc Statutory

Balance Forward In	454	627	913	1,393	1,825	1,859	1,825	1,854
Receipts	308	293	292	272	272	272	272	272
Transfers In		215	495	430	430	430	430	430
Balance Forward Out	589	890	1,393	1,825	1,859	1,893	1,854	1,883
<b>Expenditures</b>	<b>174</b>	<b>245</b>	<b>308</b>	<b>270</b>	<b>668</b>	<b>668</b>	<b>673</b>	<b>673</b>
Biennial Change in Expenditures				158		758		768
Biennial % Change in Expenditures				38		131		133
Governor's Change from Base								10
Governor's % Change from Base								1
Full-Time Equivalents	0.44	1.07	1.37	1.37	1.34	1.32	1.34	1.32

### 2118 - Land Acquisition

Balance Forward In	86	263	268	330	262	207	262	207
Receipts	270	78	84					
Balance Forward Out	216	212	330	262	207	152	207	152
<b>Expenditures</b>	<b>141</b>	<b>129</b>	<b>22</b>	<b>68</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>

## Parks and Trails

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Biennial Change in Expenditures				(180)		20		20
Biennial % Change in Expenditures				(67)		22		22
Governor's Change from Base								0
Governor's % Change from Base								0

### 2119 - State Land & Water Conservation

Balance Forward In		58		18				
Direct Appropriation	250	250	256	262	262	262	266	269
Cancellations		77						
Balance Forward Out	58		18					
<b>Expenditures</b>	<b>192</b>	<b>231</b>	<b>238</b>	<b>280</b>	<b>262</b>	<b>262</b>	<b>266</b>	<b>269</b>
Biennial Change in Expenditures				95		6		17
Biennial % Change in Expenditures				22		1		3
Governor's Change from Base								11
Governor's % Change from Base								2
Full-Time Equivalents	1.67	1.48	1.50	1.50	1.47	1.44	1.51	1.51

### 2200 - Game and Fish (Operations)

Balance Forward In		449		1,248				
Direct Appropriation	2,266	2,273	2,273	2,275	2,277	2,277	2,292	2,300
Cancellations		311						
Balance Forward Out	389		1,248					
<b>Expenditures</b>	<b>1,877</b>	<b>2,410</b>	<b>1,025</b>	<b>3,523</b>	<b>2,277</b>	<b>2,277</b>	<b>2,292</b>	<b>2,300</b>
Biennial Change in Expenditures				260		6		44
Biennial % Change in Expenditures				6		0		1
Governor's Change from Base								38
Governor's % Change from Base								1
Full-Time Equivalents	4.01	3.51	3.79	3.79	3.71	3.64	3.83	3.85

### 2303 - Parks and Trails

Balance Forward In	7,316	6,183	12,374	14,245				
Direct Appropriation	18,084	19,210	17,312	19,674	0	0	30,932	31,187
Transfers In	15,113	15,220	2,313					

## Parks and Trails

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Transfers Out	15,113	15,220	2,313					
Cancellations	0	8	0					
Balance Forward Out	5,801	10,751	14,245					
<b>Expenditures</b>	<b>19,600</b>	<b>14,634</b>	<b>15,442</b>	<b>33,919</b>			<b>30,932</b>	<b>31,187</b>
Biennial Change in Expenditures				15,126		(49,361)		12,758
Biennial % Change in Expenditures				44		(100)		26
Governor's Change from Base								62,119
Governor's % Change from Base								
Full-Time Equivalents	44.57	39.85	42.55	42.55			44.00	44.00

### 2403 - Gift

Balance Forward In	362	360	396	354	450	443	450	443
Receipts	136	122	80	154	154	154	154	154
Balance Forward Out	354	396	354	450	443	436	443	436
<b>Expenditures</b>	<b>145</b>	<b>85</b>	<b>123</b>	<b>58</b>	<b>161</b>	<b>161</b>	<b>161</b>	<b>161</b>
Biennial Change in Expenditures				(49)		141		141
Biennial % Change in Expenditures				(21)		78		78
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	0.31	0.18	0.28	0.28	0.27	0.27	0.27	0.27

### 3000 - Federal

Balance Forward In	13	13	13	13	13	13	13	13
Balance Forward Out	13	13	13	13	13	13	13	13

### 3800 - Permanent School

Balance Forward In	178	195	218	238	238	238	238	238
Receipts	195	218	238	240	240	240	240	240
Transfers Out	178	195	218	240	240	240	240	240
Balance Forward Out	195	218	238	238	238	238	238	238

**Program: Parks and Trails****Activity: Community Partnerships**[dnr.state.mn.us/grants/recreation/index.html](http://dnr.state.mn.us/grants/recreation/index.html)

### AT A GLANCE

Deliver 370 grants totaling more than \$25 million annually to local governments and organizations for parks and trails. These include approximately:

- 70 grants for acquisition and development of local parks and trails.
- 180 grants for snowmobile trail maintenance and grooming.
- 80 grants for off-highway vehicle trail development and maintenance.
- 40 grants for ski trail maintenance and grooming.

Aid in the development of local trail systems throughout the state by administering grants to volunteer organizations. This “grant-in-aid” (GIA) system includes:

- 21,300 miles of GIA snowmobile trails.
- 1,800 miles of off-highway vehicle trails.
- 700 miles of cross-country ski trails.

### PURPOSE & CONTEXT

The Parks and Trails Community Partnership program within the Division of Parks and Trails works to provide grants to organizations and local governments to help create new parks and trails and maintain existing parks and trails.

By creating a seamless system of outdoor recreation, local and regional parks and trails complement the state system and contribute to Minnesota’s overall outdoor recreation goals.

Community partnerships benefit:

- Local communities that receive grants and whose economies benefit from trail associated spending.
- Trails users, including 191,000 snowmobile riders and 318,000 off-highway vehicle riders, and over 19,000 cross-country skiers.

Community parks and trails partnerships help provide for thriving local economies. In Minnesota, outdoor recreation generates \$11.6 billion in annual consumer spending, \$815 million in state and local taxes, and 118,000 jobs (Outdoor Industry Association surveys, 2012). Local and regional parks and trails are an important part of the state’s outdoor recreation industry.

### SERVICES PROVIDED

The Division provides grants to local governments and organizations for parks and trail acquisition, development, rehabilitation, grooming, maintenance and operations. It administers a variety of grant programs focusing on outdoor recreation, regional parks and trails, local trail connections, as well as Grant-in-Aid (GIA) programs for snowmobile, off-highway vehicle, and cross-country ski trail users. The Division manages federal programs such as the Federal Recreational Trail Program and the Land and Water Conservation Fund.

The Division’s grant administration services include managing the grant programs, providing information and customer service to grant recipients, ensuring a fair and efficient process for grant selection, ensuring financial accountability, and building partnerships with local, regional, state and federal programs.

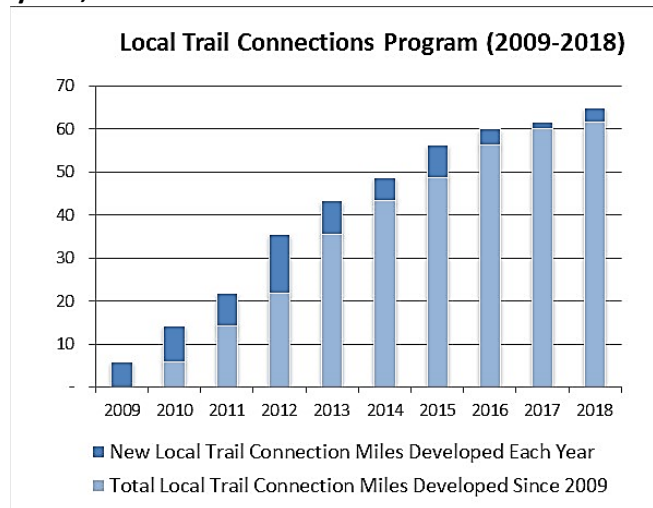
## RESULTS

### Quality Performance Measure: Miles of New Local Trail Connections Developed

The Division aims to achieve high satisfaction among grant recipients while meeting state and federal grant management standards. The goal is for grants to contribute to a comprehensive outdoor recreation system in Minnesota.

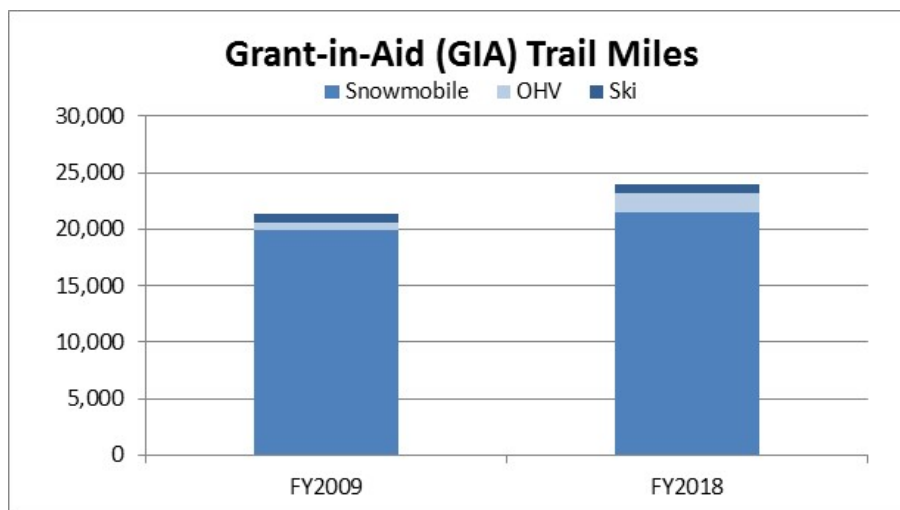
The Local Trail Connections Program is one example where the Division facilitates new trail connections. These trail segments may be relatively short in length, but are often necessary to create a seamless trail system that meets local needs. These trail segments may create connections to where people live (such as residential areas within cities or entire communities) and to significant public resources (such as historical areas, parks and/or other trails).

**During the last ten years, over 60 miles of new local trail connections have been developed.**



### Quantity Performance Measure: GIA Trail Miles Cooperatively Developed and Maintained

The Division manages the Grant-in-Aid (GIA) program, a cost-sharing system of snowmobile, off-highway vehicle, and cross-country ski trails. The GIA trail system has grown by about 2,700 miles in recent years from 21,300 miles in FY09 to 24,000 miles in FY18. This program relies on groups or clubs with the support and participation of local governments. The Division provides financial and technical assistance and overall GIA program management. Together, they develop and maintain a much larger trail system than any one group could deliver.



Additional measures are available on DNR's grant outcomes website at [DNR Grant Outcomes Reporting](http://www.dnr.state.mn.us/grants/outcomes/index.html)  
(<http://www.dnr.state.mn.us/grants/outcomes/index.html>)

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The legal authority for the Parks and Trails Community Partnerships Program comes from the following Minnesota Statutes:

- 84.83 (<https://www.revisor.mn.gov/statutes/cite/84.83>)
- 84.794 (<https://www.revisor.mn.gov/statutes/cite/84.794>)
- 84.803 (<https://www.revisor.mn.gov/statutes/cite/84.803>)
- 84.927 (<https://www.revisor.mn.gov/statutes/cite/84.927>)
- 85.019 (<https://www.revisor.mn.gov/statutes/cite/85.019>)
- 85.43 (<https://www.revisor.mn.gov/statutes/cite/85.43>)
- 85.535 (<https://www.revisor.mn.gov/statutes/cite/85.535>)

## Community Partnerships

## Activity Expenditure Overview

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
<b><u>Expenditures by Fund</u></b>								
1000 - General	190							
2101 - Snowmobile	7,412	7,452	7,466	10,732	9,699	9,699	9,699	9,699
2102 - All-Terrain Vehicle	1,081	1,084	1,363	1,587	1,425	1,425	1,725	1,725
2103 - Off-Highway Motorcycle	79	79	144	156	150	150	150	150
2104 - Off-Road Vehicle	15	20	100	325	325	325	325	325
2109 - Local Trls Grants Lott In Lieu	982	753	757	1,253	1,005	1,005	1,005	1,005
2116 - Cross Country Ski	277	292	272	279	279	279	314	314
2119 - State Land & Water Conservation	421	1,154	283	283	283	283	283	283
2303 - Parks and Trails	7,261	10,838						
3000 - Federal	6,833	8,715	7,231	6,601	6,337	6,354	6,337	6,354
<b>Total</b>	<b>24,551</b>	<b>30,388</b>	<b>17,616</b>	<b>21,216</b>	<b>19,503</b>	<b>19,520</b>	<b>19,838</b>	<b>19,855</b>
Biennial Change				(16,107)		191		861
Biennial % Change				(29)		0		2
Governor's Change from Base								670
Governor's % Change from Base								2
<b><u>Expenditures by Category</u></b>								
Compensation	708	545	582	817	834	851	834	851
Operating Expenses	1,652	2,136	1,343	2,169	1,780	1,783	1,780	1,783
Grants, Aids and Subsidies	20,409	25,661	14,119	16,877	15,736	15,733	16,071	16,068
Capital Outlay-Real Property	1,558	1,633	1,248	73	73	73	73	73
Other Financial Transaction	223	413	323	1,280	1,080	1,080	1,080	1,080
<b>Total</b>	<b>24,551</b>	<b>30,388</b>	<b>17,616</b>	<b>21,216</b>	<b>19,503</b>	<b>19,520</b>	<b>19,838</b>	<b>19,855</b>
Total Agency Expenditures	24,551	30,388	17,616	21,216	19,503	19,520	19,838	19,855
Internal Billing Expenditures	680	997	399	500	502	502	502	502
<b>Expenditures Less Internal Billing</b>	<b>23,871</b>	<b>29,391</b>	<b>17,217</b>	<b>20,716</b>	<b>19,001</b>	<b>19,018</b>	<b>19,336</b>	<b>19,353</b>
<b><u>Full-Time Equivalents</u></b>	<b>7.52</b>	<b>6.12</b>	<b>4.83</b>	<b>4.83</b>	<b>4.73</b>	<b>4.63</b>	<b>4.73</b>	<b>4.63</b>

# Community Partnerships

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
<b>1000 - General</b>								
Direct Appropriation	190							
<b>Expenditures</b>	<b>190</b>							
Biennial Change in Expenditures				(190)		0		0
Biennial % Change in Expenditures								
Governor's Change from Base								0
Governor's % Change from Base								

## 2101 - Snowmobile

Balance Forward In		1,331		1,033				
Direct Appropriation	8,499	8,499	8,499	9,699	9,699	9,699	9,699	9,699
Cancellations		2,378						
Balance Forward Out	1,087		1,033					
<b>Expenditures</b>	<b>7,412</b>	<b>7,452</b>	<b>7,466</b>	<b>10,732</b>	<b>9,699</b>	<b>9,699</b>	<b>9,699</b>	<b>9,699</b>
Biennial Change in Expenditures				3,334		1,200		1,200
Biennial % Change in Expenditures				22		7		7
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	0.41	0.24	0.13	0.13	0.13	0.12	0.13	0.12

## 2102 - All-Terrain Vehicle

Balance Forward In		195	100	162				
Direct Appropriation	1,275	1,275	1,425	1,425	1,425	1,425	1,725	1,725
Cancellations		385						
Balance Forward Out	195		162					
<b>Expenditures</b>	<b>1,081</b>	<b>1,084</b>	<b>1,363</b>	<b>1,587</b>	<b>1,425</b>	<b>1,425</b>	<b>1,725</b>	<b>1,725</b>
Biennial Change in Expenditures				785		(100)		500
Biennial % Change in Expenditures				36		(3)		17
Governor's Change from Base								600
Governor's % Change from Base								21
Full-Time Equivalents	0.25	0.22	0.13	0.13	0.13	0.12	0.13	0.12

## 2103 - Off-Highway Motorcycle

Balance Forward In	71		6					
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## Community Partnerships

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Direct Appropriation	150	150	150	150	150	150	150	150
Cancellations		142						
Balance Forward Out	71		6					
<b>Expenditures</b>	<b>79</b>	<b>79</b>	<b>144</b>	<b>156</b>	<b>150</b>	<b>150</b>	<b>150</b>	<b>150</b>
Biennial Change in Expenditures				142		0		0
Biennial % Change in Expenditures				89		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2104 - Off-Road Vehicle

Direct Appropriation	325	325	325	325	325	325	325	325
Cancellations	310	305	225					
<b>Expenditures</b>	<b>15</b>	<b>20</b>	<b>100</b>	<b>325</b>	<b>325</b>	<b>325</b>	<b>325</b>	<b>325</b>
Biennial Change in Expenditures				390		225		225
Biennial % Change in Expenditures				1,107		53		53
Governor's Change from Base								0
Governor's % Change from Base								0

### 2109 - Local Trls Grants Lott In Lieu

Balance Forward In		173		248				
Direct Appropriation	1,005	1,005	1,005	1,005	1,005	1,005	1,005	1,005
Cancellations		425						
Balance Forward Out	23		248					
<b>Expenditures</b>	<b>982</b>	<b>753</b>	<b>757</b>	<b>1,253</b>	<b>1,005</b>	<b>1,005</b>	<b>1,005</b>	<b>1,005</b>
Biennial Change in Expenditures				275		0		0
Biennial % Change in Expenditures				16		0		0
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents		0.06	0.01	0.01	0.01	0.01	0.01	0.01

### 2116 - Cross Country Ski

Balance Forward In	714	690	662	602	602	602	602	637
Receipts	227	204	213	279	279	279	349	349

## Community Partnerships

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Balance Forward Out	664	603	602	602	602	602	637	672
<b>Expenditures</b>	<b>277</b>	<b>292</b>	<b>272</b>	<b>279</b>	<b>279</b>	<b>279</b>	<b>314</b>	<b>314</b>
Biennial Change in Expenditures				(18)		7		77
Biennial % Change in Expenditures				(3)		1		14
Governor's Change from Base								70
Governor's % Change from Base								13

### 2119 - State Land & Water Conservation

Balance Forward In	55		85		517	1,034	517	1,034
Receipts	366	1,154	197	800	800	800	800	800
Balance Forward Out				517	1,034	1,551	1,034	1,551
<b>Expenditures</b>	<b>421</b>	<b>1,154</b>	<b>283</b>	<b>283</b>	<b>283</b>	<b>283</b>	<b>283</b>	<b>283</b>
Biennial Change in Expenditures				(1,009)		0		0
Biennial % Change in Expenditures				(64)		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2303 - Parks and Trails

Balance Forward In	1,023	2,393	22					
Direct Appropriation	8,307	8,445						
Cancellations	1		22					
Balance Forward Out	2,068							
<b>Expenditures</b>	<b>7,261</b>	<b>10,838</b>						
Biennial Change in Expenditures				(18,098)		0		0
Biennial % Change in Expenditures				(100)				
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	0.21							

### 3000 - Federal

Balance Forward In	236	1,012	805	6				
Receipts	6,616	7,704	6,431	6,595	6,337	6,354	6,337	6,354
Balance Forward Out	17	1	6					

## Community Partnerships

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b>Expenditures</b>	<b>6,833</b>	<b>8,715</b>	<b>7,231</b>	<b>6,601</b>	<b>6,337</b>	<b>6,354</b>	<b>6,337</b>	<b>6,354</b>
Biennial Change in Expenditures				(1,717)		(1,141)		(1,141)
Biennial % Change in Expenditures				(11)		(8)		(8)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	6.65	5.60	4.56	4.56	4.46	4.38	4.46	4.38

**Program: Fish and Wildlife****Activity: Fish and Wildlife**[dnr.state.mn.us/fishwildlife/index.html](http://dnr.state.mn.us/fishwildlife/index.html)[dnr.state.mn.us/rfp/index.html](http://dnr.state.mn.us/rfp/index.html)

### AT A GLANCE

- Manage nearly 1.3 million acres of state-owned wildlife management areas and 46,000 acres of aquatic management areas
- Protect, monitor, enhance, and restore aquatic habitat for 4,500 fishing lakes and 15,000 miles of fishable streams and rivers in Minnesota
- Manage 61 wildlife and 28 sport fish game species
- Provide quality outdoor opportunities to 1.5 million licensed anglers, 557,000 licensed hunters and trappers, and 1.6 million wildlife watchers
- Build local conservation capacity by providing \$11 million of outdoor heritage funds in competitive matching grants to nonprofit organizations or local governments in metropolitan and greater Minnesota
- Manage 2.4 million license sales for hunting, fishing, and other activities, and 1.4 million registrations for recreational boats and vehicles
- Engage 1,500 Minnesota businesses as point-of-sale agents for hunting and fishing licenses and 170 registration and titling agents
- Deliver programs to support angler and hunter recruitment, retention and reactivation, reaching more than 274,000 participants annually and awarding \$479,000 in grants to external partners

### PURPOSE & CONTEXT

The goal of the Fish and Wildlife Division is to sustain healthy populations of fish and wildlife, high quality recreational opportunities, and vibrant local economies. It manages fish and wildlife populations, their habitats, and use of these public resources, including fishing, hunting, and trapping. The Division serves citizens seeking hunting and fishing licenses and recreational vehicle registration and titling. To fulfill this work, it also serves licensing agents and deputy registrars.

The Division provides information on hunting and fishing seasons and harvest regulations to the public through webpages, printed regulations booklets, and press releases. It introduces hunting and angling to new participants through programs ranging from Learn-to-Hunt and Learn-to-Fish to capacity-building grants for partner groups delivering programs. In partnership with citizens, the Division protects and restores natural lands, lakes, and streams, monitors harvested species, and promotes the state's hunting, fishing and trapping heritage. Hunters, anglers, and wildlife viewers and photographers benefit from diverse, abundant species, accessible public lands, and high quality recreational experiences.

The Division provides licensing and recreational vehicle services through use of the Electronic Licensing System (ELS) in an efficient and cost effective manner, including web, telephone, and mobile-device options.

Access to natural lands and participation in outdoor recreation benefits personal health and helps sustain Minnesota's hunting and fishing heritage. This boosts Minnesota's economy, especially in rural communities, by supporting more than 48,000 jobs and generating \$3.8 billion in statewide economic activity.

## SERVICES PROVIDED

The Division's work is divided into four categories:

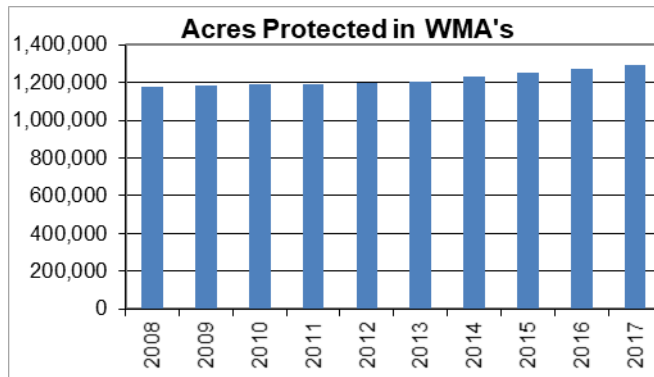
1. **Fish and Wildlife monitors and manages fish and wildlife populations:** To ensure high quality fishing, hunting, trapping and wildlife watching, the Division monitors and manages fish and wildlife populations for the benefit of citizens. The Division:
  - Conducts surveys to 1) monitor fish and wildlife population trends, 2) inform management decisions, including harvest regulations, and 3) assess values and attitudes of anglers, hunters, and landowners and to evaluate changes in participation and resource use.
  - Uses research to understand and predict changes in fish and wildlife populations and to inform management decisions.
  - Raises and stocks walleye, muskellunge, northern pike, trout, salmon, and other game fish species to enhance or restore fish populations in lakes and streams or to establish new fishing opportunities.
  - Monitors and manages diseases to reduce risk of outbreaks and high fish and wildlife losses.
  - Reduces human-wildlife conflicts by monitoring wildlife damage and providing assistance to property owners and growers to prevent or reduce damage.
2. **Fish and Wildlife protects, restores, and enhances key fish and wildlife lands:** To help sustain healthy, productive fish and wildlife populations, the Division:
  - Manages more than 1.3 million acres of wildlife and aquatic habitat.
  - Contributes to improved habitat management on other public and private lands through technical and financial assistance.
  - Acquires lands through purchase or donation to add high priority parcels to the system's land base which are then enhanced or restored.
  - Enhances and restores grasslands and prairie, conducts prescribed burns and remove woody vegetation to enhance prairies, restores and enhances wetlands, manages forest stands, conducts wildlife lake assessments, improves fish spawning areas, protects and enhances aquatic habitats, and removes dams and restores functions to aquatic systems.
  - Provides public awareness and access to state lands through posting boundaries, providing parking lots and walking trails, and providing maps (digital and paper) and other user information.
3. **Fish and Wildlife connects people to the outdoors through hunting, fishing, and citizen engagement:** Citizen understanding and support is critical to healthy environments. The Division improves citizen engagement through roundtables, workshops, public input, county and state fairs, customer surveys, web surveys, and other tools. It works with partners to provide information and educational opportunities that encourage outdoor recreation and sustain or increase participation in fishing and hunting. This work includes: mentored hunts, the National Archery in the Schools program, skills-based training, youth and women's programs, direct engagement of Southeast Asian and other under-represented communities, MinnAqua, Becoming An Outdoors Woman/Family program, and Fishing In the Neighborhood. The Division shares with citizens large volumes of information about fish and wildlife populations, habitats, and recreational opportunities. It communicates this information through print media, a website, social media, mobile devices, and video.
4. **Fish and Wildlife provisions hunting and fishing licenses and recreational vehicle titles and registrations:** The Division is responsible for the development, implementation, and maintenance of the statewide electronic licensing system (ELS). We provide easy access for outdoors enthusiasts to purchase hunting and fishing licenses at any of the 1,500 ELS agent locations. Customers can also purchase by phone, mobile-device, and online. The Division has a walk-in service counter in Saint Paul that provides service to customers for all types of license, registration and titling transactions. Commercial licenses are issued for businesses such minnow dealers, game farms, and shooting preserves, and the Division manages the lottery system for turkey, antlerless deer, bear, and elk seasons.

The Division issues all watercraft registration and titles and the registration of all-terrain vehicles (ATVs), snowmobiles, off road vehicles (ORVs), and off-highway motorcycles (OHMs) through the web-based ELS.

## RESULTS

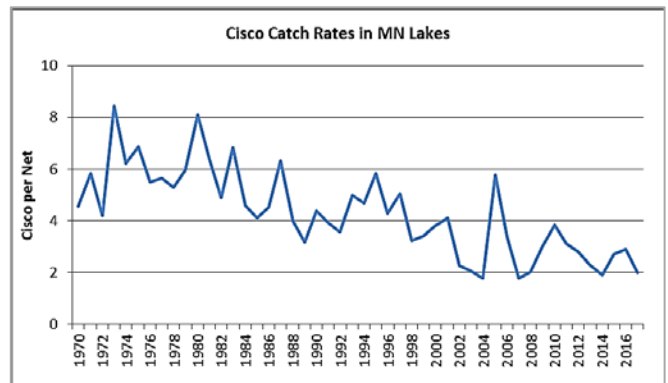
### Results Performance Measure: Acres Protected in Wildlife Management Areas

The Wildlife Management Area (WMA) system is the backbone of DNR's wildlife program. WMAs provide for public recreation and wildlife production. A stable to moderate increasing base of WMA acres has been achieved in recent years.



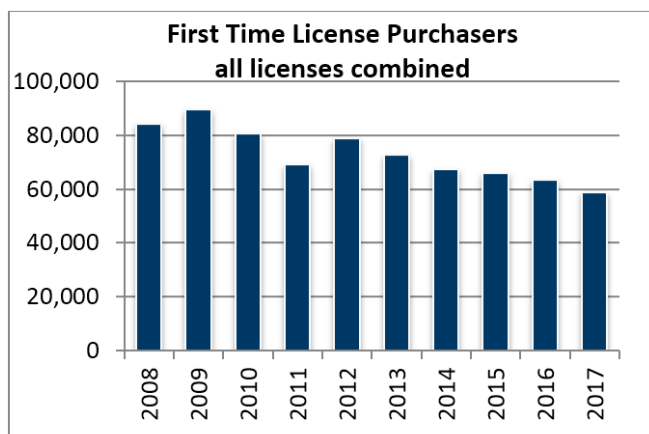
### Results Performance Measure: Cisco catch per net since 1970

Cisco (or tullibee) are an important forage fish for walleye, northern pike, and muskellunge. Cisco are an early indicator of environmental changes impacting cool water lakes due to their sensitivity to water temperatures and oxygen levels.



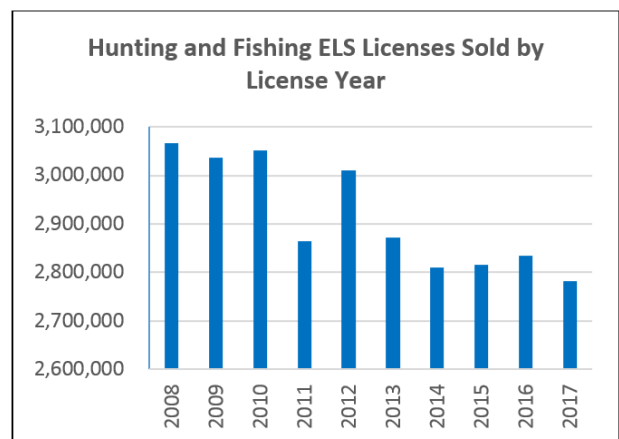
### Quality Performance Measure: New License Purchases

Although fishing and hunting participation rates are higher in Minnesota than nationwide, overall rates are declining. Angling and hunting activities directly fund state fish and wildlife management through license purchases and federal equipment excise taxes. Outreach efforts focus on recruiting and retaining citizens interested in healthy fish and wildlife populations, habitat, and recreation.



### Quantity Performance Measure: Number of Licenses Sold

The Division adjusts license availability annually based on multiple factors, including species population estimates. The Division has sold fewer licenses for sale during recent years. However sales are expected to trend upward during the coming years because of forecasted population growth.



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The legal authority for the Fish and Wildlife program comes from the following Minnesota Statutes:

- 17 (<https://www.revisor.mn.gov/statutes/?id=17>)
- 84 (<https://www.revisor.mn.gov/statutes/?id=84>)
- 84C (<https://www.revisor.mn.gov/statutes/?id=84C>)
- 84D (<https://www.revisor.mn.gov/statutes/?id=84D>)
- 86A (<https://www.revisor.mn.gov/statutes/?id=86A>)
- 97A (<https://www.revisor.mn.gov/statutes/?id=97A>)
- 97B (<https://www.revisor.mn.gov/statutes/?id=97B>)
- 97C (<https://www.revisor.mn.gov/statutes/?id=97C>)
- 103G.301-315 (<https://www.revisor.mn.gov/statutes/cite/103G>)

# Fish and Wildlife

# Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b><u>Expenditures by Fund</u></b>								
1000 - General	177	47					2,060	1,460
2000 - Restrict Misc Special Revenue	735	718	288	444	324	324	324	324
2001 - Other Misc Special Revenue	3,175	2,567	2,530	2,421	2,478	2,478	2,478	2,478
2050 - Environment & Natural Resources	1,299	717	1,011	1,201				
2100 - Water Recreation	1,946	1,968	1,275	1,638	1,458	1,458	1,484	1,509
2101 - Snowmobile	289	329	179	420	301	301	304	305
2102 - All-Terrain Vehicle	294	299	99	146	122	122	123	125
2103 - Off-Highway Motorcycle	7	10	1	19	10	10	10	10
2104 - Off-Road Vehicle	9	10	4	62	33	33	33	33
2106 - State Park	1	1						
2116 - Cross Country Ski	13	11						
2117 - Natural Resource Misc Statutory	2	2	896	900	900	900	900	900
2118 - Land Acquisition	69	193	94	85	85	85	85	85
2200 - Game and Fish (Operations)	60,871	63,623	59,583	68,902	64,771	64,769	60,180	61,475
2201 - Computerized Lic Deer/Bear Mgmt	749	1,509	1,235	1,300	1,110	1,085	1,110	1,085
2202 - Deer Habitat Improvement	1,210	1,197	1,436	1,460	1,400	1,400	8,546	8,546
2203 - Waterfowl Habitat Improvement	500	528	589	645	650	650	650	650
2204 - Trout And Salmon Management	938	1,236	1,063	1,075	1,000	1,000	1,000	1,000
2205 - Pheasant Habitat Improvement	489	494	388	490	450	450	450	450
2206 - Wild Rice Management	40	40	31	40	40	40	40	40
2207 - Wildlife Acquisition Surcharge	1,529	1,272	782	2,599	1,485	1,485	1,485	1,485
2208 - Wild Turkey Management	175	229	156	230	230	230	230	230
2209 - Heritage Enhancement	7,919	8,752	8,139	9,119	8,411	8,411	8,539	8,658
2211 - Walleye Stamp Account	75	88	88	90	90	90	90	90
2213 - Wolf Management & Monitoring	110	162	296	300	250	250	250	250
2300 - Outdoor Heritage	19,106	25,121	21,692	52,296				
2302 - Clean Water	1,267	1,207	1,274	1,914				
2401 - Reinvest In Minnesota-Gifts	2,890	822	2,994	3,148	3,142	3,142	3,142	3,142
2403 - Gift	94	61	67	32	32	32	32	32
3000 - Federal	491	1,099	956	4,661	10,038	7,441	10,038	7,441
<b>Total</b>	<b>106,468</b>	<b>114,312</b>	<b>107,144</b>	<b>155,637</b>	<b>98,810</b>	<b>96,186</b>	<b>103,583</b>	<b>101,803</b>
Biennial Change				42,000		(67,785)		(57,395)



## Fish and Wildlife

## Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Biennial % Change				19		(26)		(22)
Governor's Change from Base								10,390
Governor's % Change from Base								5

### Expenditures by Category

Compensation	48,374	49,389	49,116	54,733	49,282	49,217	52,120	53,529
Operating Expenses	37,960	43,725	37,208	70,246	37,556	37,329	39,491	38,634
Grants, Aids and Subsidies	9,673	9,717	10,331	12,396	3,438	1,946	3,438	1,946
Capital Outlay-Real Property	10,120	10,428	10,032	17,724	8,151	7,311	8,151	7,311
Other Financial Transaction	342	1,053	457	538	383	383	383	383
<b>Total</b>	<b>106,468</b>	<b>114,312</b>	<b>107,144</b>	<b>155,637</b>	<b>98,810</b>	<b>96,186</b>	<b>103,583</b>	<b>101,803</b>

Total Agency Expenditures	106,468	114,312	107,144	155,637	98,810	96,186	103,583	101,803
Internal Billing Expenditures	21,456	21,601	21,155	21,930	19,950	19,934	19,950	19,934
<b>Expenditures Less Internal Billing</b>	<b>85,012</b>	<b>92,711</b>	<b>85,989</b>	<b>133,707</b>	<b>78,860</b>	<b>76,252</b>	<b>83,633</b>	<b>81,869</b>

### Full-Time Equivalents

	623.03	612.67	579.71	579.71	514.77	504.49	547.14	548.29
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# Fish and Wildlife

# Activity Financing by Fund

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
1000 - General								
Balance Forward In		64						
Direct Appropriation	236						2,060	1,460
Cancellations		16						
Balance Forward Out	59							
Expenditures	177	47					2,060	1,460
Biennial Change in Expenditures				(225)		0		3,520
Biennial % Change in Expenditures				(100)				
Governor's Change from Base								3,520
Governor's % Change from Base								
Full-Time Equivalents	1.66	0.14	0.01	0.01	0.01	0.01	14.71	10.71

## 2000 - Restrict Misc Special Revenue

Balance Forward In	1,562	1,502	1,430	1,611	1,440	1,298	1,440	1,298
Receipts	626	639	384	235	147	147	147	147
Transfers In	152	173	196	180	180	180	180	180
Transfers Out	133	165	112	142	145	145	145	145
Balance Forward Out	1,473	1,430	1,611	1,440	1,298	1,156	1,298	1,156
<b>Expenditures</b>	<b>735</b>	<b>718</b>	<b>288</b>	<b>444</b>	<b>324</b>	<b>324</b>	<b>324</b>	<b>324</b>
Biennial Change in Expenditures				(721)		(84)		(84)
Biennial % Change in Expenditures				(50)		(11)		(11)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	1.02	0.63	0.66	0.66	0.65	0.64	0.65	0.64

## 2001 - Other Misc Special Revenue

Balance Forward In	814	811	964	818	1,431	1,431	1,431	1,431
Receipts	3,149	2,540	2,384	2,483	2,478	2,478	2,478	2,478
Internal Billing Receipts	268							
Transfers In	19	168		551				
Transfers Out	19							
Balance Forward Out	787	951	819	1,431	1,431	1,431	1,431	1,431
<b>Expenditures</b>	<b>3,175</b>	<b>2,567</b>	<b>2,530</b>	<b>2,421</b>	<b>2,478</b>	<b>2,478</b>	<b>2,478</b>	<b>2,478</b>
Biennial Change in Expenditures				(792)		5		5

## Fish and Wildlife

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Biennial % Change in Expenditures				(14)		0		0
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	3.99	1.89	1.98	1.98	1.94	1.90	1.94	1.90

### 2050 - Environment & Natural Resources

Balance Forward In	1,231	516	863	801				
Direct Appropriation	600	1,151	500	400	0	0	0	0
Transfers In			450					
Cancellations	20	124	2					
Balance Forward Out	514	827	800					
<b>Expenditures</b>	<b>1,299</b>	<b>717</b>	<b>1,011</b>	<b>1,201</b>				
Biennial Change in Expenditures				196		(2,212)		(2,212)
Biennial % Change in Expenditures				10		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	4.78	3.51	5.10	5.10				

### 2100 - Water Recreation

Balance Forward In	41	111		180				
Direct Appropriation	1,452	1,452	1,455	1,458	1,458	1,458	1,484	1,509
Receipts	557	532						
Transfers Out		65						
Cancellations		62						
Balance Forward Out	104		180					
<b>Expenditures</b>	<b>1,946</b>	<b>1,968</b>	<b>1,275</b>	<b>1,638</b>	<b>1,458</b>	<b>1,458</b>	<b>1,484</b>	<b>1,509</b>
Biennial Change in Expenditures				(1,001)		3		80
Biennial % Change in Expenditures				(26)		0		3
Governor's Change from Base								77
Governor's % Change from Base								3
Full-Time Equivalents	17.02	17.75	10.60	10.60	10.39	10.18	10.66	10.71

### 2101 - Snowmobile

# Fish and Wildlife

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Balance Forward In	128	286		119				
Direct Appropriation	293	295	298	301	301	301	304	305
Receipts	140	151						
Transfers Out		191						
Cancellations		212						
Balance Forward Out	272		119					
<b>Expenditures</b>	<b>289</b>	<b>329</b>	<b>179</b>	<b>420</b>	<b>301</b>	<b>301</b>	<b>304</b>	<b>305</b>
Biennial Change in Expenditures				(19)		3		10
Biennial % Change in Expenditures				(3)		0		2
Governor's Change from Base								7
Governor's % Change from Base								1
Full-Time Equivalents	1.09	1.04	1.12	1.12	1.10	1.08	1.13	1.12

## 2102 - All-Terrain Vehicle

Balance Forward In	100	142		24				
Direct Appropriation	120	122	123	122	122	122	123	125
Receipts	216	210						
Transfers Out		161						
Cancellations		15						
Balance Forward Out	142		24					
<b>Expenditures</b>	<b>294</b>	<b>299</b>	<b>99</b>	<b>146</b>	<b>122</b>	<b>122</b>	<b>123</b>	<b>125</b>
Biennial Change in Expenditures				(348)		(1)		3
Biennial % Change in Expenditures				(59)		(0)		1
Governor's Change from Base								4
Governor's % Change from Base								2
Full-Time Equivalents	1.09	1.08	0.52	0.52	0.51	0.50	0.52	0.53

## 2103 - Off-Highway Motorcycle

Balance Forward In	29	41		9				
Direct Appropriation	10	10	10	10	10	10	10	10
Receipts	9	9						
Transfers Out		36						
Cancellations		14						

# Fish and Wildlife

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Balance Forward Out	41		9					
<b>Expenditures</b>	<b>7</b>	<b>10</b>	<b>1</b>	<b>19</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>
Biennial Change in Expenditures				3		0		0
Biennial % Change in Expenditures				17		(1)		(1)
Governor's Change from Base								0
Governor's % Change from Base								0

## 2104 - Off-Road Vehicle

Balance Forward In	18	47		29				
Direct Appropriation	33	33	33	33	33	33	33	33
Receipts	4	5						
Transfers Out		23						
Cancellations		53						
Balance Forward Out	47		29					
<b>Expenditures</b>	<b>9</b>	<b>10</b>	<b>4</b>	<b>62</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>
Biennial Change in Expenditures				48		0		0
Biennial % Change in Expenditures				266		(0)		(0)
Governor's Change from Base								0
Governor's % Change from Base								0

## 2106 - State Park

Balance Forward In	1	1						
Receipts	1	1						
Transfers Out		1						
Balance Forward Out	1							
<b>Expenditures</b>	<b>1</b>	<b>1</b>						
Biennial Change in Expenditures				(1)		0		0
Biennial % Change in Expenditures				(100)				
Governor's Change from Base								0
Governor's % Change from Base								

## 2112 - Invasive Species

Transfers In	1,076	1,099	1,118	1,099	1,099	1,099	1,099	1,099
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# Fish and Wildlife

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Cancellations	1,076	1,099	1,118	1,099	1,099	1,099	1,099	1,099

## 2116 - Cross Country Ski

Balance Forward In	23	26						
Receipts	16	14						
Transfers Out		29						
Balance Forward Out	26							
<b>Expenditures</b>	<b>13</b>	<b>11</b>						
Biennial Change in Expenditures				(24)		0		0
Biennial % Change in Expenditures				(100)				
Governor's Change from Base								0
Governor's % Change from Base								

## 2117 - Natural Resource Misc Statutory

Balance Forward In	37	45	561	597	633	669	633	669
Receipts	11	11	931	936	936	936	936	936
Transfers In		507						
Balance Forward Out	45	561	597	633	669	705	669	705
<b>Expenditures</b>	<b>2</b>	<b>2</b>	<b>896</b>	<b>900</b>	<b>900</b>	<b>900</b>	<b>900</b>	<b>900</b>
Biennial Change in Expenditures				1,791		4		4
Biennial % Change in Expenditures				44,111		0		0
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents			3.07	3.07	3.01	2.95	3.01	2.95

## 2118 - Land Acquisition

Balance Forward In	339	544	396	530	448	366	448	366
Receipts	273	44	229	3	3	3	3	3
Transfers In	13							
Transfers Out	13							
Balance Forward Out	544	396	531	448	366	284	366	284
<b>Expenditures</b>	<b>69</b>	<b>193</b>	<b>94</b>	<b>85</b>	<b>85</b>	<b>85</b>	<b>85</b>	<b>85</b>
Biennial Change in Expenditures				(82)		(9)		(9)

# Fish and Wildlife

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Biennial % Change in Expenditures				(31)		(5)		(5)
Governor's Change from Base								0
Governor's % Change from Base								0

## 2200 - Game and Fish (Operations)

Balance Forward In	1,258	5,103	1,607	4,699	323	226	323	226
Direct Appropriation	61,102	61,684	59,376	61,220	61,368	61,368	56,777	58,074
Receipts	3,389	3,446	3,495	3,486	3,486	3,486	3,486	3,486
Transfers In	99							
Transfers Out	152	173	196	180	180	180	180	180
Cancellations	99	4,846						
Balance Forward Out	4,725	1,591	4,699	323	226	131	226	131
<b>Expenditures</b>	<b>60,871</b>	<b>63,623</b>	<b>59,583</b>	<b>68,902</b>	<b>64,771</b>	<b>64,769</b>	<b>60,180</b>	<b>61,475</b>
Biennial Change in Expenditures				3,990		1,055		(6,830)
Biennial % Change in Expenditures				3		1		(5)
Governor's Change from Base								(7,885)
Governor's % Change from Base								(6)
Full-Time Equivalents	463.08	456.18	415.87	415.87	407.55	399.40	362.59	368.30

## 2201 - Computerized Lic Deer/Bear Mgmt

Balance Forward In	1,661	1,881	1,474	1,238	956	864	956	864
Receipts	959	986	998	1,018	1,018	1,018	1,018	1,018
Balance Forward Out	1,870	1,357	1,237	956	864	797	864	797
<b>Expenditures</b>	<b>749</b>	<b>1,509</b>	<b>1,235</b>	<b>1,300</b>	<b>1,110</b>	<b>1,085</b>	<b>1,110</b>	<b>1,085</b>
Biennial Change in Expenditures				276		(340)		(340)
Biennial % Change in Expenditures				12		(13)		(13)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	2.01	5.05	4.10	4.10	4.02	3.94	4.02	3.94

## 2202 - Deer Habitat Improvement

Balance Forward In	637	699	809	694	634	634	634	634
Receipts	1,270	1,305	1,322	1,400	1,400	1,400	8,546	8,546

# Fish and Wildlife

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Balance Forward Out	696	807	694	634	634	634	634	634
<b>Expenditures</b>	<b>1,210</b>	<b>1,197</b>	<b>1,436</b>	<b>1,460</b>	<b>1,400</b>	<b>1,400</b>	<b>8,546</b>	<b>8,546</b>
Biennial Change in Expenditures				489		(96)		14,196
Biennial % Change in Expenditures				20		(3)		490
Governor's Change from Base								14,292
Governor's % Change from Base								510
Full-Time Equivalents	9.64	9.54	10.28	10.28	10.07	9.87	71.07	70.87

## 2203 - Waterfowl Habitat Improvement

Balance Forward In	589	717	813	803	733	658	733	658
Receipts	622	598	578	575	575	575	575	575
Balance Forward Out	710	788	803	733	658	583	658	583
<b>Expenditures</b>	<b>500</b>	<b>528</b>	<b>589</b>	<b>645</b>	<b>650</b>	<b>650</b>	<b>650</b>	<b>650</b>
Biennial Change in Expenditures				206		66		66
Biennial % Change in Expenditures				20		5		5
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	1.09	1.02	1.32	1.32	1.29	1.27	1.29	1.27

## 2204 - Trout And Salmon Management

Balance Forward In	900	952	737	681	606	606	606	606
Receipts	979	1,001	1,006	1,000	1,000	1,000	1,000	1,000
Balance Forward Out	941	717	681	606	606	606	606	606
<b>Expenditures</b>	<b>938</b>	<b>1,236</b>	<b>1,063</b>	<b>1,075</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>	<b>1,000</b>
Biennial Change in Expenditures				(36)		(138)		(138)
Biennial % Change in Expenditures				(2)		(6)		(6)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	3.94	7.63	6.91	6.91	6.77	6.64	6.77	6.64

## 2205 - Pheasant Habitat Improvement

Balance Forward In	66	103	123	213	173	173	173	173
Receipts	526	514	478	450	450	450	450	450



# Fish and Wildlife

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Balance Forward Out	103	123	213	173	173	173	173	173
<b>Expenditures</b>	<b>489</b>	<b>494</b>	<b>388</b>	<b>490</b>	<b>450</b>	<b>450</b>	<b>450</b>	<b>450</b>
Biennial Change in Expenditures				(105)		22		22
Biennial % Change in Expenditures				(11)		3		3
Governor's Change from Base								0
Governor's % Change from Base								0

## 2206 - Wild Rice Management

Balance Forward In	26	43	58	73	73	73	73	73
Receipts	56	35	46	40	40	40	40	40
Balance Forward Out	43	38	73	73	73	73	73	73
<b>Expenditures</b>	<b>40</b>	<b>40</b>	<b>31</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
Biennial Change in Expenditures				(9)		9		9
Biennial % Change in Expenditures				(11)		12		12
Governor's Change from Base								0
Governor's % Change from Base								0

## 2207 - Wildlife Acquisition Surcharge

Balance Forward In	866	1,052	1,342	2,043	894	834	894	834
Receipts	1,580	1,546	1,483	1,450	1,425	1,400	1,425	1,400
Balance Forward Out	917	1,326	2,043	894	834	749	834	749
<b>Expenditures</b>	<b>1,529</b>	<b>1,272</b>	<b>782</b>	<b>2,599</b>	<b>1,485</b>	<b>1,485</b>	<b>1,485</b>	<b>1,485</b>
Biennial Change in Expenditures				579		(411)		(411)
Biennial % Change in Expenditures				21		(12)		(12)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	3.77	4.98	4.53	4.53	4.44	4.35	4.44	4.35

## 2208 - Wild Turkey Management

Balance Forward In	306	332	307	341	311	281	311	281
Receipts	201	203	190	200	200	200	200	200
Balance Forward Out	331	305	341	311	281	251	281	251
<b>Expenditures</b>	<b>175</b>	<b>229</b>	<b>156</b>	<b>230</b>	<b>230</b>	<b>230</b>	<b>230</b>	<b>230</b>

# Fish and Wildlife

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Biennial Change in Expenditures				(18)		74		74
Biennial % Change in Expenditures				(5)		19		19
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	0.03	0.08	0.03	0.03	0.03	0.03	0.03	0.03

## 2209 - Heritage Enhancement

Balance Forward In	567	973	17	721				
Direct Appropriation	8,167	8,167	8,843	8,398	8,411	8,411	8,539	8,658
Transfers In	400	360						
Transfers Out	400	300						
Cancellations		434						
Balance Forward Out	814	14	721					
<b>Expenditures</b>	<b>7,919</b>	<b>8,752</b>	<b>8,139</b>	<b>9,119</b>	<b>8,411</b>	<b>8,411</b>	<b>8,539</b>	<b>8,658</b>
Biennial Change in Expenditures				587		(436)		(61)
Biennial % Change in Expenditures				4		(3)		(0)
Governor's Change from Base								375
Governor's % Change from Base								2
Full-Time Equivalents	60.97	52.41	61.72	61.72	60.49	59.28	61.81	61.88

## 2211 - Walleye Stamp Account

Balance Forward In	59	70	74	81	81	81	81	81
Receipts	85	92	95	90	90	90	90	90
Balance Forward Out	70	74	81	81	81	81	81	81
<b>Expenditures</b>	<b>75</b>	<b>88</b>	<b>88</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>
Biennial Change in Expenditures				15		2		2
Biennial % Change in Expenditures				9		1		1
Governor's Change from Base								0
Governor's % Change from Base								0

## 2213 - Wolf Management & Monitoring

Balance Forward In	768	976	1,140	1,175	1,195	1,265	1,195	1,265
Receipts	317	326	330	320	320	320	320	320

# Fish and Wildlife

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Balance Forward Out	976	1,140	1,175	1,195	1,265	1,335	1,265	1,335
<b>Expenditures</b>	<b>110</b>	<b>162</b>	<b>296</b>	<b>300</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>
Biennial Change in Expenditures				324		(96)		(96)
Biennial % Change in Expenditures				119		(16)		(16)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents		0.43	0.42	0.42	0.41	0.40	0.41	0.40

## 2300 - Outdoor Heritage

Balance Forward In	26,183	30,198	29,810	27,179				
Direct Appropriation	22,438	24,572	19,712	25,117	0	0	0	0
Transfers In	862	665	131					
Transfers Out	19		33					
Cancellations	595	1,532	749					
Balance Forward Out	29,771	28,783	27,180					
<b>Expenditures</b>	<b>19,106</b>	<b>25,121</b>	<b>21,692</b>	<b>52,296</b>				
Biennial Change in Expenditures				29,761		(73,988)		(73,988)
Biennial % Change in Expenditures				67		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	34.83	34.75	35.50	35.50				

## 2302 - Clean Water

Balance Forward In	964	878	877	759				
Direct Appropriation	1,250	1,205	1,155	1,155	0	0	0	0
Transfers Out	64							
Cancellations	7	0	0					
Balance Forward Out	878	876	758					
<b>Expenditures</b>	<b>1,267</b>	<b>1,207</b>	<b>1,274</b>	<b>1,914</b>				
Biennial Change in Expenditures				714		(3,188)		(3,188)
Biennial % Change in Expenditures				29		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								

# Fish and Wildlife

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Full-Time Equivalents	12.80	12.79	13.84	13.84				

## 2401 - Reinvest In Minnesota-Gifts

Balance Forward In	11,625	12,898	16,415	18,767	20,040	21,319	20,040	21,319
Receipts	149	172	1,055	225	225	225	225	225
Transfers In	4,963	5,165	5,305	5,196	5,196	5,196	5,196	5,196
Transfers Out	950	1,000	1,013	1,000	1,000	1,000	1,000	1,000
Balance Forward Out	12,898	16,414	18,767	20,040	21,319	22,598	21,319	22,598
<b>Expenditures</b>	<b>2,890</b>	<b>822</b>	<b>2,994</b>	<b>3,148</b>	<b>3,142</b>	<b>3,142</b>	<b>3,142</b>	<b>3,142</b>
Biennial Change in Expenditures				2,431		142		142
Biennial % Change in Expenditures				66		2		2
Governor's Change from Base								0
Governor's % Change from Base								0

## 2403 - Gift

Balance Forward In	589	616	605	594	619	634	619	634
Receipts	114	49	56	57	47	47	47	47
Balance Forward Out	608	604	594	619	634	649	634	649
<b>Expenditures</b>	<b>94</b>	<b>61</b>	<b>67</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>
Biennial Change in Expenditures				(56)		(35)		(35)
Biennial % Change in Expenditures				(36)		(36)		(36)
Governor's Change from Base								0
Governor's % Change from Base								0

## 3000 - Federal

Balance Forward In	253	2	4					
Receipts	490	1,097	951	4,661	10,038	7,441	10,038	7,441
Transfers Out	253							
<b>Expenditures</b>	<b>491</b>	<b>1,099</b>	<b>956</b>	<b>4,661</b>	<b>10,038</b>	<b>7,441</b>	<b>10,038</b>	<b>7,441</b>
Biennial Change in Expenditures				4,027		11,862		11,862
Biennial % Change in Expenditures				253		211		211
Governor's Change from Base								0
Governor's % Change from Base								0

## Fish and Wildlife

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Full-Time Equivalents	0.22	1.77	2.13	2.13	2.09	2.05	2.09	2.05

### 6000 - Miscellaneous Agency

Balance Forward In	546	548	551	551				
Receipts	2	3	0					
Transfers Out				551				
Balance Forward Out	548	551	551					

**Program: Enforcement****Activity: Enforcement**[dnr.state.mn.us/enforcement/index.html](http://dnr.state.mn.us/enforcement/index.html)

### AT A GLANCE

- 189 conservation officers providing outreach, safety education training, and law enforcement of our state's natural resources for citizens and visitors
- Engage in over 1,400 outreach opportunities annually
- Certified over 43,000 students in safety education programs by working with 6,000 volunteer instructors in all counties in the state
- Administered over 340 state and federal grants to user groups and local law enforcement partners for outreach, safety education, and enforcement of motorized recreational vehicle laws and regulations
- Worked with over 100 nonprofit shooting sports organizations to increase capacity for high-school shooting sports and recreational shooting through infrastructure improvements and expansions
- Provide 4,200 hours of flight operations to support resource management and public safety

### PURPOSE & CONTEXT

As the primary conservation law enforcement agency in Minnesota, the Enforcement Division fulfills the Department of Natural Resources' (DNR) mission by protecting natural resources and public safety. Protecting public safety is the Division's highest priority. Its role in protecting natural resources has grown from traditional game and fish enforcement to broader natural resource protection responsibilities that affect quality of life and economic sustainability. It achieves compliance with laws and regulations through outreach, safety education, and law enforcement.

Enforcement's 10-year strategic plan addresses how it will accomplish its work in the face of new, broad trends. A decline in outdoor recreation participation means a decline in licenses and permit revenue, which impacts the funding for traditional enforcement activities. At the same time, there are increasing demands for enforcement of invasive species, water appropriation, disaster response, and other natural resource protection laws.

### SERVICES PROVIDED

The Division's work includes outreach, safety education, and law enforcement in four main areas:

#### 1. Fish and Game Education and Protection

- Work with recreational and commercial users to protect fish and game populations.
- Manage youth and adult hunting safety education programs.
- Recruit new users through outreach opportunities and shooting range development.

#### 2. Recreational Safety and Enforcement

- Work with motorized and non-motorized recreational users to enforce recreational laws and regulations.
- Deliver recreational motorized safety education.

#### 3. Natural Resource Protection

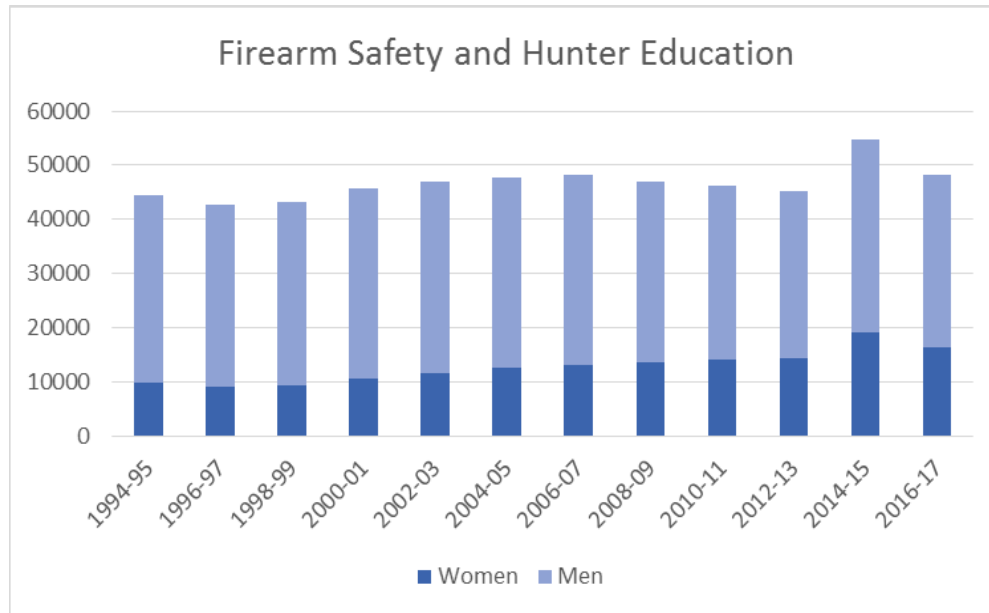
- Enforce regulations related to invasive species, wetland protection, water appropriation, water quality, solid waste, timber theft, and air quality.
- Work with partner regulatory agencies to educate user groups on the state's natural resource laws and regulations.

#### 4. Public Safety

- The licensed peace officers of the Division work within the emergency management system to provide mutual-aid assistance in response to disasters, search and rescue, and law enforcement.

### RESULTS

**Quantity Performance Measure: Number of Minnesotans Certified in Firearms Safety and Hunter Education Programs.** Outreach efforts continue to increase the number of women certified in firearms safety and hunter education programs.



The legal authority for the Enforcement Program comes from Minnesota Statutes:

84.028 (<https://www.revisor.mn.gov/statutes/?id=84.028>)

84.081 (<https://www.revisor.mn.gov/statutes/?id=84.081>)

97A.201 (<https://www.revisor.mn.gov/statutes/?id=97A.201>)

103G.2372 (<https://www.revisor.mn.gov/statutes/?id=103G.2372>)

115.071 (<https://www.revisor.mn.gov/statutes/?id=115.071>)

116.073 (<https://www.revisor.mn.gov/statutes/?id=116.073>)

138.40 (<https://www.revisor.mn.gov/statutes/?id=138.40>)

626.84 (<https://www.revisor.mn.gov/statutes/?id=626.84>)

# Enforcement

# Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21

## Expenditures by Fund

1000 - General	4,246	4,157	5,635	8,135	7,042	7,085	7,632	8,175
2001 - Other Misc Special Revenue	6,262	6,288	6,110	6,827	6,741	6,741	6,741	6,741
2100 - Water Recreation	4,432	4,530	4,083	5,288	4,742	4,742	5,684	5,773
2101 - Snowmobile	1,864	1,833	1,808	1,895	1,880	1,880	1,925	1,969
2102 - All-Terrain Vehicle	2,968	3,000	2,851	3,537	3,261	3,285	3,451	3,535
2103 - Off-Highway Motorcycle	124	132	109	151	133	135	133	138
2104 - Off-Road Vehicle	251	255	250	261	259	261	386	389
2106 - State Park	67	75	59	86	76	78	82	93
2107 - State Pks & Trls Lott In Lieu	71	72	63	79	71	71	71	71
2112 - Invasive Species	360	360	340	380	360	360	360	360
2200 - Game and Fish (Operations)	24,088	22,273	22,194	24,527	24,126	24,387	25,106	25,980
2209 - Heritage Enhancement	1,536	1,581	1,497	1,663	1,580	1,580	1,580	1,580
2212 - Peace Officer Training Account	133	143	96	174	135	135	135	135
2403 - Gift		0	3					
2801 - Remediation	99	101	83	123	105	106	106	109
3000 - Federal	0	85		180				
<b>Total</b>	<b>46,500</b>	<b>44,887</b>	<b>45,183</b>	<b>53,306</b>	<b>50,511</b>	<b>50,846</b>	<b>53,392</b>	<b>55,048</b>
Biennial Change				7,102		2,868		9,951
Biennial % Change				8		3		10
Governor's Change from Base								7,083
Governor's % Change from Base								7

## Expenditures by Category

Compensation	25,193	25,597	25,275	29,560	29,841	30,103	32,085	33,668
Operating Expenses	16,569	17,185	17,742	21,392	18,552	18,625	18,889	18,962
Grants, Aids and Subsidies	2,006	1,961	2,007	2,132	2,076	2,076	2,376	2,376
Capital Outlay-Real Property	2,587	13	4	2	2	2	2	2
Other Financial Transaction	146	131	155	220	40	40	40	40
<b>Total</b>	<b>46,500</b>	<b>44,887</b>	<b>45,183</b>	<b>53,306</b>	<b>50,511</b>	<b>50,846</b>	<b>53,392</b>	<b>55,048</b>

Total Agency Expenditures	46,500	44,887	45,183	53,306	50,511	50,846	53,392	55,048
Internal Billing Expenditures	13,664	14,069	14,840	15,170	15,333	15,325	15,333	15,325



## Enforcement

## Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Expenditures Less Internal Billing	32,836	30,818	30,343	38,136	35,178	35,521	38,059	39,723

### Full-Time Equivalents

237.18	233.81	224.14	224.14	219.66	215.26	237.17	243.24
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# Enforcement

# Activity Financing by Fund

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
<b>1000 - General</b>								
Balance Forward In		17		1,156				
Direct Appropriation	4,257	4,140	6,791	6,979	7,042	7,085	7,632	8,175
Balance Forward Out	12		1,156					
<b>Expenditures</b>	<b>4,246</b>	<b>4,157</b>	<b>5,635</b>	<b>8,135</b>	<b>7,042</b>	<b>7,085</b>	<b>7,632</b>	<b>8,175</b>
Biennial Change in Expenditures				5,367		357		2,037
Biennial % Change in Expenditures				64		3		15
Governor's Change from Base								1,680
Governor's % Change from Base								12
Full-Time Equivalents	29.19	29.35	34.02	34.02	33.34	32.68	36.91	37.87

## 2001 - Other Misc Special Revenue

Balance Forward In	493	386	178	285	199	199	199	199
Receipts	5,947	6,053	6,218	6,741	6,741	6,741	6,741	6,741
Internal Billing Receipts	5,883	5,960	6,175	6,700	6,700	6,700	6,700	6,700
Transfers In	120	17						
Balance Forward Out	299	168	286	199	199	199	199	199
<b>Expenditures</b>	<b>6,262</b>	<b>6,288</b>	<b>6,110</b>	<b>6,827</b>	<b>6,741</b>	<b>6,741</b>	<b>6,741</b>	<b>6,741</b>
Biennial Change in Expenditures				387		545		545
Biennial % Change in Expenditures				3		4		4
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	1.41	1.53	0.96	0.96	0.94	0.92	0.94	0.92

## 2050 - Environment & Natural Resources

Balance Forward In		132						
Direct Appropriation	132							
Cancellations		132						
Balance Forward Out	132							

## 2100 - Water Recreation

Balance Forward In		18		546				
Direct Appropriation	4,439	4,519	4,629	4,742	4,742	4,742	5,684	5,773
Transfers In	135	153	169	154	161	168	161	168

## Enforcement

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Cancellations	135	160	169	154	161	168	161	168
Balance Forward Out	7		546					
<b>Expenditures</b>	<b>4,432</b>	<b>4,530</b>	<b>4,083</b>	<b>5,288</b>	<b>4,742</b>	<b>4,742</b>	<b>5,684</b>	<b>5,773</b>
Biennial Change in Expenditures				410		113		2,086
Biennial % Change in Expenditures				5		1		22
Governor's Change from Base								1,973
Governor's % Change from Base								21
Full-Time Equivalents	22.38	22.86	20.10	20.10	19.70	19.30	23.15	23.70

### 2101 - Snowmobile

Balance Forward In	96	83	2	36	21	21	21	21
Direct Appropriation	1,775	1,805	1,823	1,845	1,845	1,845	1,890	1,934
Receipts	25	19	19	35	35	35	35	35
Transfers In	64	58	63	60	63	66	63	66
Cancellations	64	130	63	60	63	66	63	66
Balance Forward Out	32	2	36	21	21	21	21	21
<b>Expenditures</b>	<b>1,864</b>	<b>1,833</b>	<b>1,808</b>	<b>1,895</b>	<b>1,880</b>	<b>1,880</b>	<b>1,925</b>	<b>1,969</b>
Biennial Change in Expenditures				5		57		191
Biennial % Change in Expenditures				0		2		5
Governor's Change from Base								134
Governor's % Change from Base								4
Full-Time Equivalents	10.85	10.08	10.63	10.63	10.42	10.21	10.88	11.14

### 2102 - All-Terrain Vehicle

Balance Forward In		191		301				
Direct Appropriation	3,059	3,101	3,152	3,236	3,261	3,285	3,451	3,535
Transfers In	92	92	91	99	103	108	103	108
Cancellations	92	384	91	99	103	108	103	108
Balance Forward Out	93		301					
<b>Expenditures</b>	<b>2,968</b>	<b>3,000</b>	<b>2,851</b>	<b>3,537</b>	<b>3,261</b>	<b>3,285</b>	<b>3,451</b>	<b>3,535</b>
Biennial Change in Expenditures				421		158		598
Biennial % Change in Expenditures				7		2		9
Governor's Change from Base								440

## Enforcement

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Governor's % Change from Base								7
Full-Time Equivalents	15.68	14.93	14.55	14.55	14.26	13.97	15.63	15.99

### 2103 - Off-Highway Motorcycle

Balance Forward In		4		20				
Direct Appropriation	127	128	129	131	133	135	133	138
Transfers In	4	4	4	3	3	4	3	4
Cancellations	4	5	4	3	3	4	3	4
Balance Forward Out	4		20					
<b>Expenditures</b>	<b>124</b>	<b>132</b>	<b>109</b>	<b>151</b>	<b>133</b>	<b>135</b>	<b>133</b>	<b>138</b>
Biennial Change in Expenditures				5		8		11
Biennial % Change in Expenditures				2		3		4
Governor's Change from Base								3
Governor's % Change from Base								1
Full-Time Equivalents	0.62	0.53	0.39	0.39	0.38	0.37	0.38	0.40

### 2104 - Off-Road Vehicle

Balance Forward In		1		4				
Direct Appropriation	251	254	254	257	259	261	386	389
Transfers In	4	4	5	4	5	5	5	5
Cancellations	4	4	5	4	5	5	5	5
Balance Forward Out	1		4					
<b>Expenditures</b>	<b>251</b>	<b>255</b>	<b>250</b>	<b>261</b>	<b>259</b>	<b>261</b>	<b>386</b>	<b>389</b>
Biennial Change in Expenditures				5		9		264
Biennial % Change in Expenditures				1		2		52
Governor's Change from Base								255
Governor's % Change from Base								49
Full-Time Equivalents	0.62	0.67	0.55	0.55	0.54	0.53	1.26	1.26

### 2106 - State Park

Balance Forward In		4		12				
Direct Appropriation	71	71	71	74	76	78	82	93
Transfers In		2	4	5	5	5	5	5

## Enforcement

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Cancellations		2	4	5	5	5	5	5
Balance Forward Out	4		12					
<b>Expenditures</b>	<b>67</b>	<b>75</b>	<b>59</b>	<b>86</b>	<b>76</b>	<b>78</b>	<b>82</b>	<b>93</b>
Biennial Change in Expenditures				3		9		30
Biennial % Change in Expenditures				2		6		21
Governor's Change from Base								21
Governor's % Change from Base								14
Full-Time Equivalents	0.53	0.63	0.51	0.51	0.50	0.49	0.56	0.65

### 2107 - State Pks & Trls Lott In Lieu

Balance Forward In	0	2		8				
Direct Appropriation	71	71	71	71	71	71	71	71
Cancellations		1						
Balance Forward Out			8					
<b>Expenditures</b>	<b>71</b>	<b>72</b>	<b>63</b>	<b>79</b>	<b>71</b>	<b>71</b>	<b>71</b>	<b>71</b>
Biennial Change in Expenditures				(2)		0		0
Biennial % Change in Expenditures				(1)		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2112 - Invasive Species

Balance Forward In	0	0		20				
Direct Appropriation	360	360	360	360	360	360	360	360
Transfers In			5					
Cancellations		0	5					
Balance Forward Out			20					
<b>Expenditures</b>	<b>360</b>	<b>360</b>	<b>340</b>	<b>380</b>	<b>360</b>	<b>360</b>	<b>360</b>	<b>360</b>
Biennial Change in Expenditures				(1)		0		0
Biennial % Change in Expenditures				(0)		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2200 - Game and Fish (Operations)

## Enforcement

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Balance Forward In	150	68	67	782	103	102	103	102
Direct Appropriation	23,832	22,113	22,761	23,683	23,960	24,221	24,940	25,814
Receipts	164	156	148	165	165	165	165	165
Transfers In	947	951	1,026	1,026	1,070	1,122	1,070	1,122
Cancellations	949	951	1,026	1,026	1,070	1,122	1,070	1,122
Balance Forward Out	55	64	782	103	102	101	102	101
<b>Expenditures</b>	<b>24,088</b>	<b>22,273</b>	<b>22,194</b>	<b>24,527</b>	<b>24,126</b>	<b>24,387</b>	<b>25,106</b>	<b>25,980</b>
Biennial Change in Expenditures				360		1,792		4,365
Biennial % Change in Expenditures				1		4		9
Governor's Change from Base								2,573
Governor's % Change from Base								5
Full-Time Equivalents	155.35	152.25	141.98	141.98	139.14	136.36	147.01	150.85

### 2209 - Heritage Enhancement

Balance Forward In		1		83				
Direct Appropriation	1,537	1,580	1,580	1,580	1,580	1,580	1,580	1,580
Balance Forward Out	1		83					
<b>Expenditures</b>	<b>1,536</b>	<b>1,581</b>	<b>1,497</b>	<b>1,663</b>	<b>1,580</b>	<b>1,580</b>	<b>1,580</b>	<b>1,580</b>
Biennial Change in Expenditures				43		0		0
Biennial % Change in Expenditures				1		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2212 - Peace Officer Training Account

Balance Forward In		8		39				
Direct Appropriation	135	135	135	135	135	135	135	135
Balance Forward Out	2		39					
<b>Expenditures</b>	<b>133</b>	<b>143</b>	<b>96</b>	<b>174</b>	<b>135</b>	<b>135</b>	<b>135</b>	<b>135</b>
Biennial Change in Expenditures				(6)		0		0
Biennial % Change in Expenditures				(2)		(0)		(0)
Governor's Change from Base								0
Governor's % Change from Base								0

# Enforcement

# Activity Financing by Fund

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
2403 - Gift								
Balance Forward In	39	40	42	39	39	39	39	39
Receipts	0	3	1					
Balance Forward Out	40	42	39	39	39	39	39	39
Expenditures		0	3					
Biennial Change in Expenditures				3	(3)		(3)	
Biennial % Change in Expenditures								
Governor's Change from Base							0	
Governor's % Change from Base								

## 2801 - Remediation

Balance Forward In		1		19				
Direct Appropriation	100	100	102	104	105	106	106	109
Transfers In	4	3	4	4	4	4	4	4
Cancellations	4	3	4	4	4	4	4	4
Balance Forward Out	1		19					
<b>Expenditures</b>	<b>99</b>	<b>101</b>	<b>83</b>	<b>123</b>	<b>105</b>	<b>106</b>	<b>106</b>	<b>109</b>
Biennial Change in Expenditures				6		5		9
Biennial % Change in Expenditures				3		2		4
Governor's Change from Base								4
Governor's % Change from Base								2
Full-Time Equivalents	0.55	0.56	0.45	0.45	0.44	0.43	0.45	0.46

## 3000 - Federal

Receipts	0	85		180				
<b>Expenditures</b>	<b>0</b>	<b>85</b>		<b>180</b>				
Biennial Change in Expenditures				95		(180)		(180)
Biennial % Change in Expenditures				111				
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents		0.42						

**Program: Operations Support****Activity: Operations Support**[dnr.state.mn.us/aboutdnr/commissioner/index.html](http://dnr.state.mn.us/aboutdnr/commissioner/index.html)**AT A GLANCE**

- Direct budget and accounting for effective use of approximately \$565 million per year
- Provide human resource services to 4,300 employees
- Maintain more than 3.8 million square feet of space at more than 2,900 owned or leased buildings of various age, construction, use, and lifecycle statewide
- Manage more than 5,000 pieces of fleet equipment made up of approximately 3,400 fleet land operated items, 1,800 watercraft, and 12 aircraft
- Coordinate with MN.IT Services @DNR to host 190 business-enhancing information technology (IT) applications for the Department of Natural Resources (DNR)
- Provide support for the DNR website, which had more than 80 million webpages viewed in FY18
- Managed more than 106,384 calls and emails by the DNR Information Center

**PURPOSE & CONTEXT**

The Operations Support program provides leadership direction and support for the Department of Natural Resources (DNR). Operations Support ensures that its mission is carried out in an integrated and efficient manner through its services in partnership with DNR divisions. Operations Support's professionals in communications, human resources, budget, internal audit, fleet and building services work together to make sure DNR's workforce is supported and have the resources to complete their work. Operations Support works within Minnesota's regulatory framework to accomplish the agency's goals. Its work is focused on operational excellence and continuous improvement to provide better conservation service delivery.

**SERVICES PROVIDED**

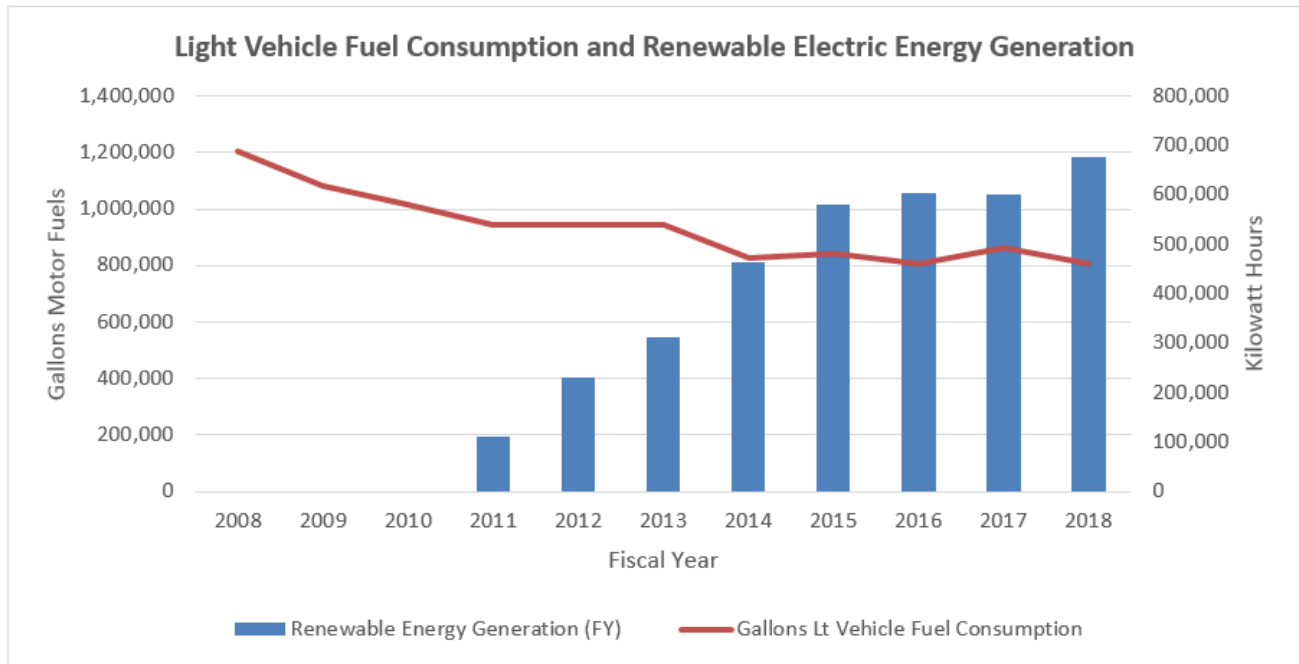
Operations Support supports the agency's operations in the following ways:

- Provides administrative leadership and direction for the department, government relations management, capital investment, and management of regulatory activities, including business services as set forth in Minnesota statute.
- Supports staff through human resources services including labor relations, ethics, employee development, payroll, and hiring services.
- Manages safety, emergency preparedness, and disaster response (non-fire emergency).
- Maintains fleet, buildings, and infrastructure that support its conservation mission.
- Administers financial operations and biennial budget processes for the department's critical functions including revenues, expenditures, internal audit and procurement services.
- Utilizes policy and planning services to ensure operations are coordinated to achieve priorities.
- Engages the public through communication services that build staff and public awareness, trust, and support through clear and transparent plain language.
- Provides leadership and management for IT services that support daily activities.
- Administers engineering and architectural services for the department.
- Provides legal support for DNR programs.
- Provides leadership and assistance for regional offices for interdisciplinary delivery of DNR services at the local level, with headquarters in Bemidji, Grand Rapids, Saint Paul, and New Ulm.



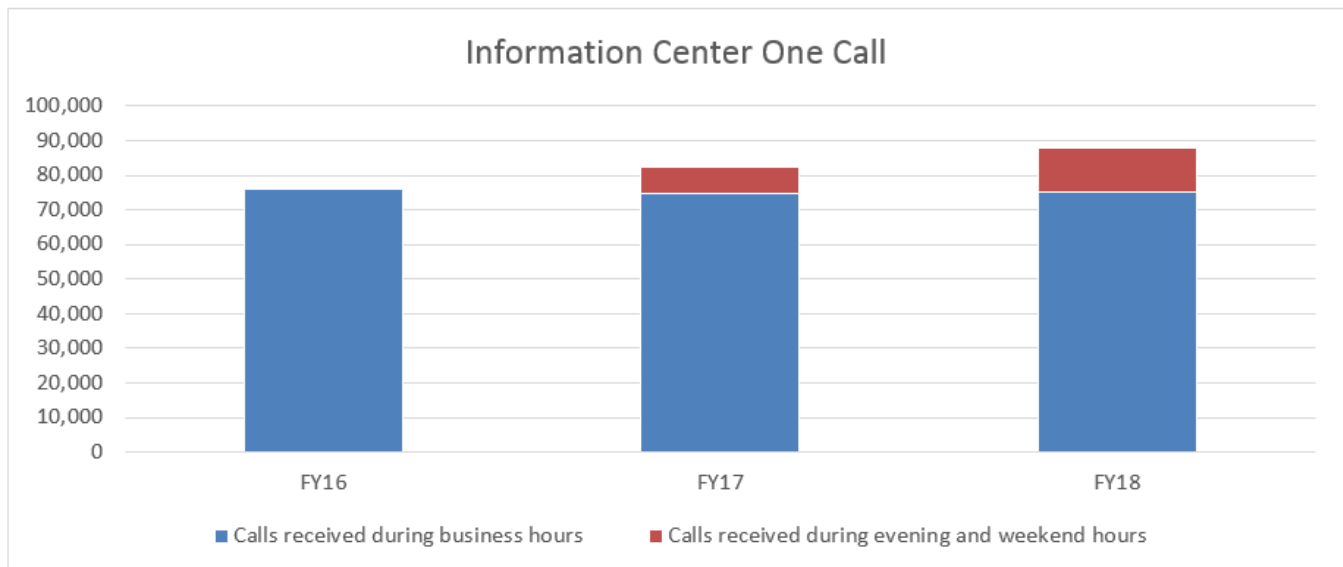
## RESULTS

**Results Performance Measure: Light vehicle fuel consumption and renewable energy generation.** This chart shows an increase in the amount of renewable energy generated by Operations Support's renewable energy systems and an overall decrease in light vehicle fuel consumption. Cutting overall energy use and increasing the use of renewables is a key agency priority.



\*A new fleet data system was implemented part way through FY12, so data is incomplete or not available for that year.

**Quantity Performance Measure: DNR Customer Service.** Extended service hours in Operations Support's One Call Information Center demonstrates its commitment to meeting the needs of its customers. This chart shows evening and weekend calls increased by 75 percent from FY17 to FY18, providing better service to the public.



\*Evening and weekend hours began in November FY17

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The legal authority for Operations Support comes from the following Minnesota Statutes and Minnesota Constitution:

Chapter 84 (<https://www.revisor.mn.gov/statutes/cite/84>)

Chapter 16A (<https://www.revisor.mn.gov/statutes/cite/16A>)

Article 11 ([https://www.revisor.mn.gov/constitution/#article\\_11](https://www.revisor.mn.gov/constitution/#article_11))

# Operations Support

# Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
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## Expenditures by Fund

1000 - General	1,628	894	1,767	2,937			3,548	3,681
2000 - Restrict Misc Special Revenue	0	351	445	23	9	9	9	9
2001 - Other Misc Special Revenue	77,180	76,933	81,679	104,278	96,565	95,097	96,565	95,097
2050 - Environment & Natural Resources	1,034	251	97	1,307				
2300 - Outdoor Heritage	361	193	150	398				
2403 - Gift	1,125	1,273	1,294	2,765	1,463	1,463	1,463	1,463
3000 - Federal	104	32	15	96				
6000 - Miscellaneous Agency	7,325	7,137	6,908					
<b>Total</b>	<b>88,756</b>	<b>87,065</b>	<b>92,355</b>	<b>111,804</b>	<b>98,037</b>	<b>96,569</b>	<b>101,585</b>	<b>100,250</b>
Biennial Change				28,338		(9,553)		(2,324)
Biennial % Change				16		(5)		(1)
Governor's Change from Base								7,229
Governor's % Change from Base								4

## Expenditures by Category

Compensation	37,360	28,336	28,566	35,690	33,817	33,541	33,947	33,671
Operating Expenses	39,099	48,515	52,585	63,472	51,580	50,388	54,998	53,939
Grants, Aids and Subsidies	713	1	750					
Capital Outlay-Real Property	8,472	6,675	6,629	9,066	9,066	9,066	9,066	9,066
Other Financial Transaction	3,112	3,537	3,824	3,576	3,574	3,574	3,574	3,574
<b>Total</b>	<b>88,756</b>	<b>87,065</b>	<b>92,355</b>	<b>111,804</b>	<b>98,037</b>	<b>96,569</b>	<b>101,585</b>	<b>100,250</b>

Total Agency Expenditures	88,756	87,065	92,355	111,804	98,037	96,569	101,585	100,250
Internal Billing Expenditures	6,904	6,934	6,926	6,859	6,789	6,789	6,789	6,789
<b>Expenditures Less Internal Billing</b>	<b>81,852</b>	<b>80,131</b>	<b>85,429</b>	<b>104,945</b>	<b>91,248</b>	<b>89,780</b>	<b>94,796</b>	<b>93,461</b>

## Full-Time Equivalents

<b>386.78</b>	<b>297.20</b>	<b>290.74</b>	<b>290.74</b>	<b>273.13</b>	<b>267.65</b>	<b>273.13</b>	<b>267.65</b>
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# Operations Support

# Activity Financing by Fund

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
<b>1000 - General</b>								
Balance Forward In	716	2,391	4,262	3,437				
Direct Appropriation	2,149	4,001	1,965	(500)			4,268	4,599
Receipts	35	31	142					
Transfers Out	132	1,259	1,160				720	918
Cancellations		8	5					
Balance Forward Out	1,139	4,262	3,437					
<b>Expenditures</b>	<b>1,628</b>	<b>894</b>	<b>1,767</b>	<b>2,937</b>			<b>3,548</b>	<b>3,681</b>
Biennial Change in Expenditures				2,181		(4,704)		2,525
Biennial % Change in Expenditures				86		(100)		54
Governor's Change from Base								7,229
Governor's % Change from Base								
Full-Time Equivalents		0.18	0.48	0.48	0.47	0.46	0.47	0.46

## 2000 - Restrict Misc Special Revenue

Balance Forward In	32	32	449	51	35	33	35	33
Receipts		769	47	7	7	7	7	7
Balance Forward Out	32	449	52	35	33	31	33	31
<b>Expenditures</b>	<b>0</b>	<b>351</b>	<b>445</b>	<b>23</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>
Biennial Change in Expenditures				116		(450)		(450)
Biennial % Change in Expenditures				33		(96)		(96)
Governor's Change from Base								0
Governor's % Change from Base								0

## 2001 - Other Misc Special Revenue

Balance Forward In	13,734	16,766	23,389	28,326	17,524	16,163	17,524	16,163
Receipts	77,088	81,768	82,484	93,626	95,371	95,258	95,371	95,258
Internal Billing Receipts	73,289	76,364	75,839	86,899	79,723	79,663	79,723	79,663
Transfers In	1,215	82	4,545	17				
Transfers Out	1,139	202	412	167	167	167	167	167
Balance Forward Out	13,719	21,481	28,326	17,524	16,163	16,157	16,163	16,157
<b>Expenditures</b>	<b>77,180</b>	<b>76,933</b>	<b>81,679</b>	<b>104,278</b>	<b>96,565</b>	<b>95,097</b>	<b>96,565</b>	<b>95,097</b>
Biennial Change in Expenditures				31,845		5,705		5,705
Biennial % Change in Expenditures				21		3		3

## Operations Support

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	376.00	285.41	284.68	284.68	267.24	261.88	267.24	261.88

### 2050 - Environment & Natural Resources

Balance Forward In	320	221	113	622				
Direct Appropriation	857	135	622	685	0	0	0	0
Cancellations	0	3	17					
Balance Forward Out	144	101	622					
<b>Expenditures</b>	<b>1,034</b>	<b>251</b>	<b>97</b>	<b>1,307</b>				
Biennial Change in Expenditures				119		(1,404)		(1,404)
Biennial % Change in Expenditures				9		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	0.34	0.92	0.05	0.05				

### 2209 - Heritage Enhancement

Direct Appropriation	60					
Transfers Out	60					

### 2300 - Outdoor Heritage

Balance Forward In	317	215	201	188				
Direct Appropriation	150	150	150	210	0	0	0	0
Cancellations	0	8	13					
Balance Forward Out	105	163	188					
<b>Expenditures</b>	<b>361</b>	<b>193</b>	<b>150</b>	<b>398</b>				
Biennial Change in Expenditures				(6)		(548)		(548)
Biennial % Change in Expenditures				(1)		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	0.01							

### 2403 - Gift

# Operations Support

# Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Balance Forward In	1,621	1,769	1,971	2,323	880	775	880	775
Receipts	1,255	1,355	1,647	1,322	1,358	1,397	1,358	1,397
Transfers In	47							
Transfers Out	47							
Balance Forward Out	1,751	1,851	2,323	880	775	709	775	709
<b>Expenditures</b>	<b>1,125</b>	<b>1,273</b>	<b>1,294</b>	<b>2,765</b>	<b>1,463</b>	<b>1,463</b>	<b>1,463</b>	<b>1,463</b>
Biennial Change in Expenditures				1,661		(1,133)		(1,133)
Biennial % Change in Expenditures				69		(28)		(28)
Governor's Change from Base								0
Governor's % Change from Base								0
Full-Time Equivalents	6.43	6.54	5.36	5.36	5.25	5.15	5.25	5.15

## 3000 - Federal

Balance Forward In	2,455	1,954	1,812	96		
Receipts	118	160	392			
Transfers Out	516	277	2,094			
Balance Forward Out	1,954	1,806	96			
<b>Expenditures</b>	<b>104</b>	<b>32</b>	<b>15</b>	<b>96</b>		
Biennial Change in Expenditures				(24)	(111)	(111)
Biennial % Change in Expenditures				(18)	(100)	(100)
Governor's Change from Base						0
Governor's % Change from Base						

## 6000 - Miscellaneous Agency

Balance Forward In	1,292	1,048	1,791	17		
Receipts	7,076	7,876	6,908			
Internal Billing Receipts	7,076	7,796	6,900			
Transfers In			17			
Transfers Out			1,791	17		
Balance Forward Out	1,044	1,787	17			
<b>Expenditures</b>	<b>7,325</b>	<b>7,137</b>	<b>6,908</b>			
Biennial Change in Expenditures				(7,554)	(6,908)	(6,908)
Biennial % Change in Expenditures				(52)		

## Operations Support

## Activity Financing by Fund

*(Dollars in Thousands)*

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	4.00	4.15	0.17	0.17	0.17	0.16	0.17	0.16

**Program: Pass Through Funds****Activity: Pass Through Funds****AT A GLANCE**

- Provide approximately \$37 million each year to counties for payment in lieu of taxes
- Arrange for \$8.7 million in Native American tribe payments in FY17
- Manage roughly 210 grant contracts totaling more than \$310 million of environmental trust and outdoor heritage legacy funds in FY18
- Provide \$4.3 million to local governments from the parks and trails legacy fund in FY17
- Provide \$320,000 to the Duluth and Como Zoos each year

**PURPOSE & CONTEXT**

Pass-through funds administered by the Department of Natural Resources (DNR) include funds directed to non-state entities by statute, law, or agreement. Since the DNR does not determine who receives the funds and cannot use them for its own operations, these funds are commonly referred to as “pass through.”

The DNR is responsible for being a fiscal steward of these funds. To this end, it establishes sound business management practices that are consistent with state law, statewide grant management policies, and internal policies.

The financial activity in this budget activity reflects the dollars that DNR sends directly to non-state entities and reimbursements for statewide services, such as the statewide accounting and human resources systems, that are paid for from the general fund. Administrative costs associated with the management of pass through dollars is recorded by the division that serves as the steward for assigning and monitoring the funds.

Recipients of these funds are partners in promoting and advancing the broader goals of protecting and preserving the state’s natural resources. Pass-through funds include:

- Payment in lieu of taxes (PILT).
- Tribal agreements.
- Environmental and natural resource trust fund grants to third parties.
- Outdoor heritage fund grants to third parties.
- Parks and trail legacy fund grants to local units of government.
- Lottery-in-lieu grants to the Duluth and Como Zoos.
- Other grants as specified by law.

**SERVICES PROVIDED**

DNR calculates approximately \$37 million annually for PILT. PILT is a local government aid payment made by the state to counties for tax-exempt natural resource lands according to Minnesota statutes 477A.10-14 and 17. Most of the payments are for state-owned land and school trust land that is administered by the DNR and for county-administered tax forfeited land.

DNR makes payments of roughly \$8.7 million each year to Native American tribes as a result of agreements where the tribes have agreed to forgo certain treaty rights. According to MS 97A.151 subd. 4 and 97A.155 subd. 1, the Leech Lake Band receives 5 percent of specific game and fish proceeds. Per MS 97A.157 subd. 2 and the area agreement, the Grand Portage Band and Bois Forte Band receive \$1.6 million annually plus additional funds if the



payment to the Leech Lake Band exceeded \$1.5 million in the previous fiscal year. The additional payment is equal to the amount in excess of \$1.5 million.

DNR manages approximately 210 grants a year totaling over \$310 million dollars to third party recipients identified by the legislature from the environmental and natural resources trust fund and the outdoor heritage fund (OHF). The purpose of the trust fund is to maintain and enhance Minnesota's environmental and natural resources. The purpose of the OHF is to restore, protect, and enhance wetlands, prairies, forests, and habitat for fish, game, and wildlife that prevent forest fragmentation, encourage forest consolidation, and expand restored native prairie.

DNR provides about \$4.3 million to local units of government from the parks and trails legacy fund for acquisition, development, restoration, and maintenance of park and trail facilities of regional or statewide significance.

## RESULTS

### Quantity Measure: Total pass through dollars each year

DNR provides responsible management for all dollars that it is legally accountable to provide to non-state entities. The table below demonstrates the amount that has been expended in the recent past.

TOTAL AMOUNT OF PASS THROUGH FUNDS BY YEAR  
*Data source: StateWide Integrated Financial Tools System*

<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
84,537,043	96,455,370	102,392,810	90,760,207	82,664,842

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The legal authority for the grants management process comes from [Minnesota Statutes 16B.98](https://www.revisor.mn.gov/statutes/?id=16B.98) (https://www.revisor.mn.gov/statutes/?id=16B.98).

## Pass Through Funds

## Activity Expenditure Overview

(Dollars in Thousands)

	Actual	Actual	Actual	Estimate	Forecast Base		Governor's Recommendation	
	FY16	FY17	FY18	FY19	FY20	FY21	FY20	FY21
<b><u>Expenditures by Fund</u></b>								
1000 - General	8,657	8,623	8,826	9,327	9,780	9,782	9,967	9,969
2050 - Environment & Natural Resources	7,720	11,745	11,241	9,879				
2100 - Water Recreation	205	162	214	214	214	214	214	214
2101 - Snowmobile	102	74	103	103	103	103	103	103
2102 - All-Terrain Vehicle	89	77	103	103	103	103	103	103
2103 - Off-Highway Motorcycle	18	16	21	21	21	21	21	21
2104 - Off-Road Vehicle	18	16	21	21	21	21	21	21
2106 - State Park	96	128	139	139	139	139	139	139
2107 - State Pks & Trls Lott In Lieu	64	47	60	60	60	60	60	60
2110 - Zoos Lottery In Lieu	320	320	320	320	320	320	320	320
2111 - Nongame	1	0	0					
2112 - Invasive Species	23	17	21	21	21	21	21	21
2113 - Forest Management Investment	129	77	144	144	144	144	144	144
2114 - Mineral Management	25	21	22	22	22	22	22	22
2119 - State Land & Water Conservation	2	1	1	1	1	1	1	1
2120 - Water Management Account	39	30	38	38	38	38	38	38
2200 - Game and Fish (Operations)	1,303	1,047	1,349	1,057	1,300	1,300	1,300	1,300
2300 - Outdoor Heritage	56,384	52,868	56,504	67,808				
2302 - Clean Water	127	123	260	260				
2303 - Parks and Trails	81	56	8,195	9,319				
3800 - Permanent School							300	300
<b>Total</b>	<b>75,402</b>	<b>75,447</b>	<b>87,584</b>	<b>98,857</b>	<b>12,287</b>	<b>12,289</b>	<b>12,774</b>	<b>12,776</b>
Biennial Change				35,591		(161,865)		(160,891)
Biennial % Change				24		(87)		(86)
Governor's Change from Base								974
Governor's % Change from Base								4

### **Expenditures by Category**

Compensation	3	7	2	3			295	301
Operating Expenses	11,307	11,018	12,253	14,211	11,967	11,969	12,159	12,155
Grants, Aids and Subsidies	64,024	62,234	73,420	84,638	320	320	320	320
Capital Outlay-Real Property	6	5	14					

## Pass Through Funds

## Activity Expenditure Overview

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Other Financial Transaction	61	2,183	1,895	5				
<b>Total</b>	<b>75,402</b>	<b>75,447</b>	<b>87,584</b>	<b>98,857</b>	<b>12,287</b>	<b>12,289</b>	<b>12,774</b>	<b>12,776</b>

Total Agency Expenditures	75,402	75,447	87,584	98,857	12,287	12,289	12,774	12,776
Internal Billing Expenditures	84	162	232	369				
<b>Expenditures Less Internal Billing</b>	<b>75,318</b>	<b>75,285</b>	<b>87,352</b>	<b>98,488</b>	<b>12,287</b>	<b>12,289</b>	<b>12,774</b>	<b>12,776</b>

### Full-Time Equivalents

<b>0.02</b>	<b>0.17</b>	<b>0.04</b>	<b>0.04</b>		<b>2.50</b>	<b>2.50</b>
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## Pass Through Funds

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b>1000 - General</b>								
Direct Appropriation							187	187
Open Appropriation	40,363	40,461	40,956	45,091	45,769	45,996	45,769	45,996
Transfers Out	31,707	31,838	32,130	35,764	35,989	36,214	35,989	36,214
<b>Expenditures</b>	<b>8,657</b>	<b>8,623</b>	<b>8,826</b>	<b>9,327</b>	<b>9,780</b>	<b>9,782</b>	<b>9,967</b>	<b>9,969</b>
Biennial Change in Expenditures				873		1,409		1,783
Biennial % Change in Expenditures				5		8		10
Governor's Change from Base								374
Governor's % Change from Base								2
Full-Time Equivalents							1.00	1.00

### 2050 - Environment & Natural Resources

Balance Forward In	119	152	5	8				
Direct Appropriation	7,556	11,706	11,177	9,803	0	0	0	0
Open Appropriation	64	44	68	68	0	0	0	0
Cancellations	17	152						
Balance Forward Out	3	5	8					
<b>Expenditures</b>	<b>7,720</b>	<b>11,745</b>	<b>11,241</b>	<b>9,879</b>				
Biennial Change in Expenditures				1,655		(21,120)		(21,120)
Biennial % Change in Expenditures				9		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents	0.02	0.03						

### 2100 - Water Recreation

Open Appropriation	205	162	214	214	214	214	214	214
<b>Expenditures</b>	<b>205</b>	<b>162</b>	<b>214</b>	<b>214</b>	<b>214</b>	<b>214</b>	<b>214</b>	<b>214</b>
Biennial Change in Expenditures				61		0		0
Biennial % Change in Expenditures				17		(0)		(0)
Governor's Change from Base								0
Governor's % Change from Base								0

### 2101 - Snowmobile

Open Appropriation	102	74	103	103	103	103	103	103
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## Pass Through Funds

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
<b>Expenditures</b>	<b>102</b>	<b>74</b>	<b>103</b>	<b>103</b>	<b>103</b>	<b>103</b>	<b>103</b>	<b>103</b>
Biennial Change in Expenditures				30		0		0
Biennial % Change in Expenditures				17		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2102 - All-Terrain Vehicle

Open Appropriation	89	77	103	103	103	103	103	103
<b>Expenditures</b>	<b>89</b>	<b>77</b>	<b>103</b>	<b>103</b>	<b>103</b>	<b>103</b>	<b>103</b>	<b>103</b>
Biennial Change in Expenditures				41		0		0
Biennial % Change in Expenditures				25		(0)		(0)
Governor's Change from Base								0
Governor's % Change from Base								0

### 2103 - Off-Highway Motorcycle

Open Appropriation	18	16	21	21	21	21	21	21
<b>Expenditures</b>	<b>18</b>	<b>16</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>
Biennial Change in Expenditures				7		0		0
Biennial % Change in Expenditures				22		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2104 - Off-Road Vehicle

Open Appropriation	18	16	21	21	21	21	21	21
<b>Expenditures</b>	<b>18</b>	<b>16</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>
Biennial Change in Expenditures				9		0		0
Biennial % Change in Expenditures				26		(1)		(1)
Governor's Change from Base								0
Governor's % Change from Base								0

### 2106 - State Park

Open Appropriation	96	128	139	139	139	139	139	139
<b>Expenditures</b>	<b>96</b>	<b>128</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>

## Pass Through Funds

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Biennial Change in Expenditures				54		0		0
Biennial % Change in Expenditures				24		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2107 - State Pks & Trls Lott In Lieu

Open Appropriation	64	47	60	60	60	60	60	60
<b>Expenditures</b>	<b>64</b>	<b>47</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>60</b>
Biennial Change in Expenditures				8		0		0
Biennial % Change in Expenditures				7		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2110 - Zoos Lottery In Lieu

Direct Appropriation	320	320	320	320	320	320	320	320
<b>Expenditures</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>	<b>320</b>
Biennial Change in Expenditures				0		0		0
Biennial % Change in Expenditures				0		0		0
Governor's Change from Base								0
Governor's % Change from Base								0

### 2111 - Nongame

Open Appropriation	1	0	0					
<b>Expenditures</b>	<b>1</b>	<b>0</b>	<b>0</b>					
Biennial Change in Expenditures				(1)		0		0
Biennial % Change in Expenditures				(91)				
Governor's Change from Base								0
Governor's % Change from Base								

### 2112 - Invasive Species

Open Appropriation	23	17	21	21	21	21	21	21
<b>Expenditures</b>	<b>23</b>	<b>17</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>	<b>21</b>
Biennial Change in Expenditures				1		0		0

## Pass Through Funds

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base		Governor's Recommendation	
					FY20	FY21	FY20	FY21
Biennial % Change in Expenditures				4		1		1
Governor's Change from Base								0
Governor's % Change from Base								0

### 2113 - Forest Management Investment

Open Appropriation	129	77	144	144	144	144	144	144
<b>Expenditures</b>	<b>129</b>	<b>77</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>
Biennial Change in Expenditures				83		0		0
Biennial % Change in Expenditures				40		(0)		(0)
Governor's Change from Base								0
Governor's % Change from Base								0

### 2114 - Mineral Management

Open Appropriation	25	21	22	22	22	22	22	22
<b>Expenditures</b>	<b>25</b>	<b>21</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>	<b>22</b>
Biennial Change in Expenditures				(1)		0		0
Biennial % Change in Expenditures				(3)		(1)		(1)
Governor's Change from Base								0
Governor's % Change from Base								0

### 2119 - State Land & Water Conservation

Open Appropriation	2	1	1	1	1	1	1	1
<b>Expenditures</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
Biennial Change in Expenditures				(1)		0		0
Biennial % Change in Expenditures				(32)		(10)		(10)
Governor's Change from Base								0
Governor's % Change from Base								0

### 2120 - Water Management Account

Open Appropriation	39	30	38	38	38	38	38	38
<b>Expenditures</b>	<b>39</b>	<b>30</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>38</b>	<b>38</b>
Biennial Change in Expenditures				7		0		0
Biennial % Change in Expenditures				10		(1)		(1)

## Pass Through Funds

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Governor's Change from Base								0
Governor's % Change from Base								0

### 2200 - Game and Fish (Operations)

Open Appropriation	1,303	1,047	1,349	1,057	1,300	1,300	1,300	1,300
<b>Expenditures</b>	<b>1,303</b>	<b>1,047</b>	<b>1,349</b>	<b>1,057</b>	<b>1,300</b>	<b>1,300</b>	<b>1,300</b>	<b>1,300</b>
Biennial Change in Expenditures				57		194		194
Biennial % Change in Expenditures				2		8		8
Governor's Change from Base								0
Governor's % Change from Base								0

### 2300 - Outdoor Heritage

Balance Forward In	1,398	2,872	4,078	2,218				
Direct Appropriation	56,345	52,170	55,299	65,306	0	0	0	0
Open Appropriation	100	77	284	284	0	0	0	0
Cancellations	55	984	938					
Balance Forward Out	1,405	1,268	2,219					
<b>Expenditures</b>	<b>56,384</b>	<b>52,868</b>	<b>56,504</b>	<b>67,808</b>				
Biennial Change in Expenditures				15,061		(124,312)		(124,312)
Biennial % Change in Expenditures				14		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								
Full-Time Equivalents		0.14	0.04	0.04				

### 2302 - Clean Water

Open Appropriation	127	123	260	260	0	0	0	0
<b>Expenditures</b>	<b>127</b>	<b>123</b>	<b>260</b>	<b>260</b>				
Biennial Change in Expenditures				270		(520)		(520)
Biennial % Change in Expenditures				108		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								

### 2303 - Parks and Trails



## Pass Through Funds

## Activity Financing by Fund

(Dollars in Thousands)

	Actual FY16	Actual FY17	Actual FY18	Estimate FY19	Forecast Base FY20 FY21		Governor's Recommendation FY20 FY21	
Direct Appropriation			8,086	9,209	0	0	0	0
Open Appropriation	81	56	110	110	0	0	0	0
<b>Expenditures</b>	<b>81</b>	<b>56</b>	<b>8,195</b>	<b>9,319</b>				
Biennial Change in Expenditures				17,377		(17,514)		(17,514)
Biennial % Change in Expenditures				12,655		(100)		(100)
Governor's Change from Base								0
Governor's % Change from Base								

### 3800 - Permanent School

Transfers Out							(300)	(300)
<b>Expenditures</b>							<b>300</b>	<b>300</b>
Biennial Change in Expenditures				0		0		600
Biennial % Change in Expenditures								
Governor's Change from Base								600
Governor's % Change from Base								
Full-Time Equivalents							1.50	1.50

(Dollars in Thousands)

Federal Agency and CFDA #	Federal Award Name and Brief Purpose	New Grant	FY2018 Actuals	FY2019 Budget	FY2020 Base	FY2021 Base	Required State Match or MOE?	FTEs
National Oceanic and Atmospheric Administration 11.419	Coastal Zone Management-Program requires a balance between economic development and resource protection within the coastal zone. Projects must preserve, protect, develop, and where possible, restore and enhance coastal resources.		1,084	1,663	1,910	1,550	State Match Required	4.5
Defense 12.630	Basic, Applied, and Advanced Research in Science and Engineering: Higgins Eye Pearlmussel Reintroduction Research.		61	100	100	100		0
Interior/Fish and Wildlife Service 15.608	Federal Agreements for Invasives-Implementation of state plan for invasive species prevention, research, and monitoring.		716	428	700	700	State Match Required	1.5
Interior/Fish and Wildlife Service 15.615	Endangered Species Reimbursement- Research & monitoring to support endangered species recovery.		99	125	125	125	State Match Required	1.5
Interior/Fish and Wildlife Service 15.623	North American Wetlands Conservation Act - Increase bird populations and wetland habitat while preserving local economies and American traditions.	New	0	0	100	100	State Match Required	1.0
Interior/Fish and Wildlife Service 15.634	Comprehensive Conservation Plan- Coordinate and monitor state wildlife.		293	600	600	600	State Match Required	0.0
Interior/Fish and Wildlife Service 15.634	State Wildlife Grants-Implement, coordinate, and monitor implementation of the state wildlife action plan to benefit species of greatest conservation need.		716	1,650	1,650	1,650	State Match Required	0.0
Interior/Fish and Wildlife Service 15.647	Migratory Bird Conservation-Monitors and manages a diverse range of birds to help conserve and protect their habitats and ensure sustainable populations.		51	120	120	120		1.0
Interior/Fish and Wildlife Service 15.657	White Nose Syndrome-Monitor bat populations for the occurrence of white nose syndrome and educate the public about the disease.		21	100	100	100		0.0
Interior/Fish and Wildlife Service 15.662	Great Lakes Restoration Initiative-To protect and restore the Great Lakes by preventing and controlling invasive species, reducing nutrient runoff, and restoring habitat to protect native species.		368	1,200	1,000	1,000		16.0
U.S. Geological Survey 15.808	National Park Service Vegetation Mapping Inventory Program-Accuracy assessment of Great Smoky Mountain National Park vegetation map.		14	51	31	31		1.0

Federal Agency and CFDA #	Federal Award Name and Brief Purpose	New Grant	FY2018 Actuals	FY2019 Budget	FY2020 Base	FY2021 Base	Required State Match or MOE?	FTEs
U.S. Geological Survey 15.978	Long Term Resource Monitoring- Monitor long-term trends of water quality, aquatic vegetation, & fish on Pool 4 of the Mississippi River; analyze & summarize the data and provide that information to decision makers.		570	325	0	0		0.0
U.S. Geological Survey 15.980	Upper Mississippi River System Long Term Resource Monitoring: Groundwater Monitoring Data Sharing Partnership.		8	152	120	120	State Match Required	0.0
Environmental Protection Agency 66.461	EPA Wetlands Program Development Grant Agreement- Pass-through grant under a cooperative agreement with Minnesota Pollution Control Agency for wetland monitoring.		0	120	100	100	State Match/ MOE Required	0.5
Federal Emergency Management Agency 97.023	Community Assistance Program- State Support Services Element- Provide technical assistance to National Flood Insurance. Program communities to monitor and evaluate performance of floodplain management activities.		167	563	300	300	State Match Required	2.0
Homeland Security 97.041	National Dam Safety Program- To strengthen and improve the state dam safety program.		150	150	150	150		1.4
Federal Emergency Management Agency 97.045	Cooperating Technical Partners- Increase local involvement in the production, development, and maintenance of Digital Flood Insurance Maps (DFIRMS) and develop non-regulatory products to help local governments reduce flood risk.		653	2,900	2,800	2,000		7.0
Interior/Fish and Wildlife Service TBD	Natural Resource Damage Assessment (Part of Deepwater Horizon Natural Resources Damage Assessment Program) – Restoration of Common Loons in MN.	New	0	270	3,050	2,200		3.0
	<b>Ecological and Water Resources Division Total</b>		<b>4,971</b>	<b>10,517</b>	<b>12,956</b>	<b>10,946</b>		<b>40.4</b>
Homeland Security US Coast Guard 97.056,	2017 Port Security: Update 3 airboats in the central region.		0	180	0	0	State Match Required	0
	<b>Enforcement Division Total</b>		<b>0</b>	<b>180</b>	<b>0</b>	<b>0</b>		<b>0</b>
Agriculture Natural Resources Conservation Service 10.093	Voluntary Public Access & Habitat Incentive Program (VPA-HIP): Provide a program for hunting opportunities and habitat enhancement on private lands in the agricultural region of the state.		626	700	275	0		1.25
Commerce National Oceanic and Atmospheric Administration 11.407	Inter-jurisdictional Fisheries Act- Work with statistical and modeling experts at the Quantitative Fisheries Center (QFC) at Michigan State University to provide quantitative methods and models for fish community and population dynamics.		14	40	30	25		0

Federal Agency and CFDA #	Federal Award Name and Brief Purpose	New Grant	FY2018 Actuals	FY2019 Budget	FY2020 Base	FY2021 Base	Required State Match or MOE?	FTEs
Interior/Fish and Wildlife Service 15.608	National Fish Habitat Program - Midwest Glacial Lakes Partnership: Crane Lake Fish Passage.		0	25	0	0	State Match Required	0
Interior/Fish and Wildlife Service 15.608	National Fish Habitat Program - Midwest Glacial Lakes Partnership: Assessment of Critical Thermal Fish Habitat		6	8	0	0	State Match Required	0.1
Interior/Fish and Wildlife Service 15.608	National Fish Habitat Program - Midwest Glacial Lakes Partnership: Assessment of Critical Thermal Fish Habitat.		0	10	40	0	State Match Required	0
Interior/Fish and Wildlife Service 15.608	National Fish Habitat Program - Midwest Glacial Lakes Partnership: Assessment of Oxythermal Habitat of Cisco in MN lakes for use in prioritizing habitat protection efforts.		0	48	0	0	State Match Required	0
Interior/Fish and Wildlife Service 15.615	Cooperative Endangered Species Conservation Fund - Native prairie acquisition to provide critical habitat for Species of Greatest Conservation Need.			300	300	0	State Match Required	0
Interior/Fish and Wildlife Service 15.623	North American Wetlands Conservation Act- Wetland restoration and enhancement.		40	100	100	100	State Match Required	1
Environmental Protection Agency 66.469	Great Lakes Restoration Initiative - Habitat work on several sites in the St. Louis River Estuary. Includes long-term monitoring (Grassy/ Kingsbury Project).		270	3,105	4,078	3,078		1.5
Environmental Protection Agency 66.469	Great Lakes Restoration Initiative - Restore and maintain the chemical, physical, and biological integrity of the Great Lakes Basin Ecosystem.	New		125	2,215	2,725		0
Environmental Protection Agency 66.469	Great Lakes Restoration Initiative - St. Louis Estuary Aquatic Habitat Resto-Design-Construction (Perch Lake Project).		0	200	3,000	1,513		1
	<b>Fish and Wildlife Division Total</b>		<b>956</b>	<b>4,661</b>	<b>10,038</b>	<b>7,441</b>		<b>4.85</b>
Agriculture/ Forest Service 10.664	Volunteer Fire Department Assistance - Grants to local volunteer fire departments for training, PPE & Equipment for Wildfire Support.		316	320	320	300	State Match Required	0.5
Agriculture/ Forest Service 10.664	Woodbasket Analysis Training - Utilizing FIA and TOP reports in wood basket analysis is the key tool in developing analyses to assist in make informed decisions and aligning sustainable forest management efforts.		39	15			State Match Required	0.1
Agriculture/ Forest Service 10.664	Cooperative Fire Protection-State Fire Assistance-The State Fire Assistance program provides financial, technical, and related assistance for fire prevention, training, and pre-suppression activities.		408	500	585	595	State Match Required	2

Federal Agency and CFDA #	Federal Award Name and Brief Purpose	New Grant	FY2018 Actuals	FY2019 Budget	FY2020 Base	FY2021 Base	Required State Match or MOE?	FTEs
Agriculture/ Forest Service 10.664	Wildfire Risk Reduction-The Firewise program provides information and education targeting prevention and mitigation in the Wildland Urban Interface.		561	300	250	250	State Match Required	1
Agriculture/ Forest Service 10.664	Private Forest Management-Stewardship (Competitive Grants) - Promote and enable the long-term active management of non-industrial private and other non-federal forest land (Family Owners, Pine River, Master Woodland, Healthy Forests).		632	250	250	250	State Match Required	0
Agriculture/ Forest Service 10.664	Cooperative Forestry Assistance - Dynamic Forest Canopy: Using cutting-edge, high spatial and temporal resolution satellite-based information to produce and disseminate three dimensional (3-D) change maps of forests across all ownerships in Minnesota. Data products will be customized to meet the broadest range of needs possible. Project includes a robust outreach and education component.	New	49	111	163	9	State Match Required	.2
Agriculture/ Forest Service 10.664	Landscape Stewardship-The Minnesota Forest Resources Council Landscape Grant increases private forest management in a collaborative manner by addressing regionally significant forest management concerns and/or opportunities.		174	129	130	95	State Match Required	0.25
Agriculture/ Forest Service 10675	Urban and Community Forestry-The focus of this program is to improve the protection and management of community forests and expand the resource base by building the capacity of local programs and private vendors across the state.		793	371	350	230	State Match Required	1
Agriculture/ Forest Service 10.676	Forest Legacy -This program contracts specific acquisition activities and/or provides a portion of salaries for employees involved in day-to-day administration of the program.		39	23	30	33	State Match Required	0.25
Agriculture/ Forest Service 10.678	Conservation Reserve Program & Equip Grant- Program reserves highly erodible cropland acres and establishes more suitable covers to promote other resource values. These values include improved air and water quality and wildlife habitat.		114	122	134	147		0.5
Agriculture/ Forest Service 10.678	Forest Stewardship-Programs promote and enable the long-term active management of non-industrial private and other non-federal forest land to sustain the multiple values and uses that depend on such lands.		93	195	205	0	State Match Required	2.5

Federal Agency and CFDA #	Federal Award Name and Brief Purpose	New Grant	FY2018 Actuals	FY2019 Budget	FY2020 Base	FY2021 Base	Required State Match or MOE?	FTEs
Agriculture/ Forest Service 10.680	Forest Health Management Program - Forest Health Core Funding, Off-Plot, Canker and Monitoring.		211	200	200	200	State Match Required	0.8
Agriculture/ Forest Service 10.680	Forest Health Management Protection and Treatment Program- Prevention and treatment of invasive species		70	50			State Match Required	0.1
	<b>Forestry Division Totals</b>		<b>3,499</b>	<b>2,586</b>	<b>2,617</b>	<b>2,109</b>		<b>9</b>
Commerce/ National Oceanic and Atmospheric Administration 11.419	Coastal Zone Management, NOAA Yr. 5- Coastal Zone Management, program requires a balance between economic development and resource protection within the coastal zone. Projects must preserve, protect, develop, and where possible, restore and enhance coastal resources		82	81				
Interior Fish and Wildlife Service 15.616	Clean Vessel Act - Provides grant funds to the states, the District of Columbia and insular areas for the construction, renovation, operation, and maintenance of pump out stations and waste reception facilities for recreational boaters and also for educational programs that inform boaters of the importance of proper disposal of their sewage		0	200	200	200	State Match Required	0.1
Interior Fish and Wildlife Service 15.662	Boating Infrastructure Grant Program (BIG)- Provides grant funds to the states, the District of Columbia and insular areas to construct, renovate, and maintain tie-up facilities with features for transient boaters in vessels 26 feet or more in length, and to produce and distribute information and educational materials about the program.		0	200	200	200	State Match Required	0.1
Transportation Federal Highway Administration 20.219	Recreation Trail Program (FRTF)- Provides funds to the States to develop and maintain recreational trails and trail-related facilities for both nonmotorized, motorized and diversified recreational trail uses.		4,116	2,500	2,500	2,500	State Match Required	1
Homeland Security-United States Coast Guard 97.012	Boating Safety Financial Assistance- States that meet certain minimum USCG program standards (including MN) are automatically eligible for a Recreational Boating Safety Grant. MNDNR Enforcement division administers the grant and disperses funds for a variety of boat and water safety purposes.		3,033	3,620	3,437	3,454	State Match Required	7
	<b>Parks and Trails Division Totals</b>		<b>7,231</b>	<b>6,601</b>	<b>6,337</b>	<b>6,354</b>		<b>8.2</b>
Federal Emergency Management Agency	Federal Disaster DR-4290		4	96				

Federal Agency and CFDA #	Federal Award Name and Brief Purpose	New Grant	FY2018 Actuals	FY2019 Budget	FY2020 Base	FY2021 Base	Required State Match or MOE?	FTEs
Federal Emergency Management Agency	Federal Disaster DR-4182		11					
	<b>Operations Support Total</b>		15	96	0	0		0
	<b>Federal Fund – DNR Total</b>		16,672	24,641	31,948	26,850		62.45

## Narrative

Federal funds are accepted at the DNR when they support the mission, strategies, goals and objectives found in the DNR's Strategic Conservation Agenda. The Federal Funds Summary Table lists anticipated revenues for incoming federal funds, their use, number of FTE positions needed to implement, and whether funds are new and require a state match and/or maintenance of effort. Federal funds include discretionary continuing programs, funds based on funding formulas, competitive grants, non-competitive grants, and project grants.

Federal Fund accounts include:

1. Incoming federal grant or federal cooperative agreement revenue deposited directly to a federal (3000 fund) account.
2. Federal grant funds awarded to the DNR that are then passed-through to another entity.

Outgoing grants funded from federal dollars are estimated throughout the spending period of the grant, rather than estimated in the first year of the grant award. Estimates are based on the best federal funding information available at the time this report is prepared. Most new federal awards that impact state fiscal years 2020-2021 have not yet been confirmed. Therefore, we used historical trend information from recent years to estimate future revenues, as well as any knowledge of changing funding levels or trends that may impact future awards.

Specific funding level changes or trends by division include:

- Enforcement Division: Assumed responsibility for the Boating Safety Financial Assistance Program (CFDA 97.012) previously administered by the Parks and Trails Division.

Major state funding is required related to the federal awards listed in this summary as many grants are implemented on a reimbursement basis and may require a state match or a maintenance of effort.

(Dollars in Thousands)

Program Name Federal or State or Both (citation)	Purpose	Recipient Type(s) Eligibility Criteria	FY 2018	FY 2019
AIS Control Projects (State, Natural Resources) 84D.10	For the control of curly-leaf pondweed, Eurasian watermilfoil, and flowering rush using herbicides, mechanical control, or a combination of both to support projects that have received an Invasive Aquatic Plant Management Permit.	Lake associations, watershed districts, cities, and counties	\$95	\$18
AIS Public Awareness Projects (State, Natural Resources) 84D.10	To help prevent the spread of aquatic invasive species (AIS), especially zebra mussels and spiny waterfleas, into Minnesota waters.	Lake associations, tribal organizations, coalitions of lake associations, local citizen groups, local units of government		
Angler and Hunter Recruitment and Retention Grant Program (State, Game and Fish) ML 2015 1st SS, Chapter 4, Art 3, Sec. 3 sub 6 and Sec 11	Help local groups support MN's angling and hunting heritage.	Must have a mission or educational purpose that supports hunter and angler recruitment and retention	\$97	\$150
Archery in the Schools (State, Game and Fish) Coop Funds Account Heritage Funds	Introduces Minnesota students to archery by providing schools with the best equipment, training, and curriculum available at the lowest possible price. It is part of the National Archery in the Schools Program (NASP).	Minnesota Schools	\$35	\$35
Boating Infrastructure Grants Program (Federal, Department of the Interior, Fish and Wildlife Service) CFDA 15.622	Provide grants to State and Territories to construct, renovate, or maintain tie-up facilities for up to 15 days for transient recreational vessels 26 feet or more in length	Private individuals, organizations, state and local agencies.		
Clean Vessel Act Grants (Federal, Department of the Interior, Fish and Wildlife Service) CFDA 15.616	Encourage the development or improvement of marina sanitation facilities for boaters in order to maintain and improve water quality in public waters.	Private individuals, organizations, state and local agencies.		
Community Assistance Program - State Support Service Element (CAP-SSSE) (Federal, Department of Homeland Security) CFDA 97.023	Support costs of MnAFPM annual conference that is held to educate local officials and other professionals on floodplain mapping, management, mitigation, etc.	MN Association of Floodplain Managers (MnAFPM) to support costs of annual conference providing training and updates to local officials and professionals involved in floodplain management	\$2	
Community Assistance Program - State Support Service Element (CAP-SSSE) (Federal, Department of Homeland Security) CFDA 97.023	Construct enhanced reality floodplain simulator, and produce educational videos to use with simulator	St. Cloud State University - constructing enhanced reality floodplain simulator and educational videos using simulator	\$5	



<b>Program Name Federal or State or Both (citation)</b>	<b>Purpose</b>	<b>Recipient Type(s) Eligibility Criteria</b>	<b>FY 2018</b>	<b>FY 2019</b>
Community Assistance Program - State Support Service Element (CAP-SSSE) (Federal, Department of Homeland Security) CFDA 97.023	Produce MN Floodplain management Quick Guide in accessible pdf format	Producing MN Floodplain Management Quick Guide		\$10
Conservation Partners Legacy (State, Legacy, Outdoor Heritage Fund) M.L. 2018, Chapter 208, Article 1, Section 2, Subd. 5 c	Funds conservation projects that restore, enhance, or protect forests, wetlands, prairies, and habitat for fish, game, and wildlife in Minnesota.	Nonprofit organizations and government entities	\$8,660	\$11,053
Cross Country Ski Trail Grant in Aid (State, Natural Resources) M.S. 85.44	Encourage the maintenance and development of cross country ski trails.	Counties, cities, townships, and private trail organizations sponsored by a local unit of government	\$286	\$286
CTP Grant to Twin City HUC8 Watershed Organizations (Federal) CFDA: 97.045	Development of FEMA Flood Risk Database	sole source, identified in grant from FEMA	\$40	\$420
CTP Grant to Wild Rice Watershed District (Federal) CFDA: 97.045	Development for FEMA Flood Risk Products	sole source, identified in grant from FEMA	\$5	
Dam Safety (State General Fund, Bonding) M.S. 103G.511	Improve the safety and condition of publicly owned dams and water level control structures.	Cities, counties, townships, watershed districts	\$900	\$2,000
Division of Forestry Cost Share program (State General Fund) 89.018	Forest stewardship management planning assistance and cost share for forestry practices/projects. Primary purpose is to encourage landowner management of forest land and potential timber sale harvests as a management tool.	Nonindustrial private landowners who have 20-1,000 acres of land with 10 acres of woody vegetation after the plan has been implemented. The cost share is available statewide.	\$500	\$600
Federal Recreational Trail (Federal, Department of Transportation, Federal Highway Administration) CFDA 20.219	Encourage the maintenance and development of motorized, non-motorized, and diversified trails by providing funding assistance.	Sponsored by a unit of government, preferably in cooperation with a local trail organization	\$1,800	\$2,500
Firewise Community Mitigation (Federal, Department of Agriculture, Forest Service) CFDA 10.664	Through Firewise, we partner with agencies, municipalities, organizations, and homeowners to identify, plan for and reduce wildfire risk. Grant funding supports local groups and require a 50/50 cash or in-kind match.	Fire department district, organized township, city, or county	\$346	\$350
Flood Hazard Mitigation (State General Fund, Bonding) M.S. 103G.161	Provide financial and technical assistance to local governmental units for conducting flood damage reduction studies and for planning and implementing flood damage reduction measures.	Cities, counties, townships, watershed districts, watershed management organizations and lake improvement districts	\$8,156	\$17,000

<b>Program Name Federal or State or Both (citation)</b>	<b>Purpose</b>	<b>Recipient Type(s) Eligibility Criteria</b>	<b>FY 2018</b>	<b>FY 2019</b>
Grant to Koronis Lake Association (State, Natural Resources) ML 2017 Chapter 93 Art 1 Sec 3 Subd 3(j)	For the purpose of removing and preventing aquatic invasive species	Legislatively named to the Koronis Lake Association	\$33	\$167
Improving Community Forests Through Citizen Engagement (State, Environment and Natural Resources Trust Fund) ML 2015, Chapter 76, Sec 2, Sub 8h	A grant program supplying approximately \$400,000 to an estimated 8 to 12 Minnesota cities and towns to support urban and community forestry (planting new trees, creating and maintaining gravel tree beds, watering new trees, recruiting and training citizen volunteers, developing a citywide urban forestry plan, updating tree inventories, pruning trees, and conducting early detection of pests and disease presence in priority areas).	All political subdivisions of Minnesota as well as non-governmental organizations	\$135	\$172
Local Trail Connections Program (State, Natural Resources) MS. 85.019	Promote relatively short trail connections between where people live and desirable locations. Not to develop significant new trails.	Counties, cities, and townships	\$600	\$1,300
Long Term Resource Monitoring (Federal, Department of the Interior, U.S. Geological Survey) CFDA 15.978	Monitor long-term trends of water quality, aquatic vegetation, & fish on Pool 4 of the Mississippi River; analyze & summarize the data and provide that information to decision makers.	Six LTRM Program field stations in the five Upper Mississippi River states	\$535	\$628
Minnesota Snowmobile Trails Assistance (Grant in Aid) (State, Natural Resources) M.S. 84.83	Creation and maintenance of locally initiated trails that were financially assisted by the state.	Counties, cities, townships, and private trail organizations sponsored by a local unit of government	\$7,382	\$8,449
Minnesota's Lake Superior Coastal Program (Federal, Department of Commerce, National Oceanic and Atmospheric Administration ) CFDA 11.419	Support costs of MnAFPM annual conference that is held to educate local officials and other professionals on floodplain mapping, management, mitigation, etc.	Regional planning agencies; state agencies; non-profit agencies; colleges and universities; public school districts in the coastal area; conservation districts; port authorities; tribal governments; joint powers boards; sanitary sewer boards; cities, townships, and counties within the coastal area; area-wide agencies. Projects must be located within Minnesota's coastal area, which includes portions of Carlton, St. Louis, Lake and Cook Counties (maps available at <a href="http://www.mndnr.gov/mlscp">www.mndnr.gov/mlscp</a> )	\$520	\$525
Monitoring Starry Stonewort Control Projects (Federal GLRI / State, Natural Resources ) CFDA 15.662	These grant funds must be used to help pay for DNR approved monitoring of starry stonewort control projects.	local entities such as lake associations, watershed districts, cities, and counties who have received a permit to control starry stonewort.	\$11	\$12

<b>Program Name Federal or State or Both (citation)</b>	<b>Purpose</b>	<b>Recipient Type(s) Eligibility Criteria</b>	<b>FY 2018</b>	<b>FY 2019</b>
National Outdoor Recreation Legacy Partnership Program (Federal, Department of Agriculture, Forest Service) CFDA 10.676	Create or reinvigorate parks and other outdoor recreation spaces located in jurisdictions delineated by the Census Bureau for the 2010 Census as comprising densely settled territory that contains 50,000 or more people.	State agencies, political subdivisions such as cities, counties, and special purpose districts such as park districts, and federally-recognized Indian tribes that are organized to govern themselves and perform the functions of a general purpose unit of government.		\$750
Natural and Scenic Area (ENRTF, Federal LAWCON) CDFA 15.916 MS. 85.019	Increase, protect and enhance natural and scenic areas.	Cities, counties, and townships		\$690
Off Highway Vehicle safety Grants (State) M.L. 2017, Ch.93 Section 3, Subd.6	Assist counties to enforce off highway vehicle laws, rules and regulations, also providing youth training and assistance to DNR Conservation Officers.	Counties, through their sheriffs' offices	\$485	\$485
Off-Highway Vehicle Assistance (State, Natural Resources) 84.803	Facilitate development and maintenance of trails for use by all-terrain vehicles, off-highway motorcycles, and off-road vehicles at the initiative of enthusiast groups or clubs, with the support and participation of local government sponsors.	All-Terrain Vehicles (ATVs), Off-Highway Motorcycles (OHMs), and Off-Road Vehicles (ORVs) enthusiast groups or clubs with the support and participation of local government sponsors	\$1,592	\$1,853
Outdoor Recreation (ENRTF, LIL, General Fund, Federal LAWCON) CDFA 15.916 MS. 85.019	Increase and enhance outdoor recreation facilities in local and community parks throughout the state.	Cities, counties, and townships		\$2,170
Regional Trail Program (State, Natural Resources) M.S.85.019	Promote development of regionally significant trails outside the seven-county metropolitan area.	Counties, cities, and townships	\$400	\$600
Shooting Range Grants (State, Game and Fish) ML 2015 Chapter 4 Sec 3 Subd (6)	Increase shooting range capacity for youth trap shooters by providing matching funds to recreational shooting clubs open to public use.	Local recreational shooting clubs in Minnesota that allow public access to shooting that need funds for larger trap shooting facility projects	\$971	\$387
Snowmobile Safety Enforcement (State) M.L. 2017, Ch.93 Section 3, Subd.6	Assist counties to enforce snowmobile laws, rules and regulations, also providing youth training and assistance to DNR Conservation Officers.	Counties, through their sheriffs' offices	\$315	\$315
State Boat and Water Safety (State, Natural Resources) M.L. 2017, Ch. 93, Art. 1, Sec. 3, Subd. 7, Para. C	Assist in funding boat and water safety programs carried out through the county sheriff's offices in order to reduce deaths, injuries, and property damage on state waters.	Counties through their sheriff's offices	\$1,077	\$1,077

<b>Program Name Federal or State or Both (citation)</b>	<b>Purpose</b>	<b>Recipient Type(s) Eligibility Criteria</b>	<b>FY 2018</b>	<b>FY 2019</b>
Supplemental Boating Safety Equipment and Aids to Navigation (Federal, Department of Homeland Security) CFDA 97.012	Assist counties, through their sheriffs' offices, in funding boating safety equipment and aids to navigation to help carry out their legislatively-mandated boating safety duties and in order to reduce deaths, injuries, and property damage on state waters.	Counties participating in the state boat and water safety grant program, through their sheriff's offices	\$567	\$550
Supplemental Boating Safety Patrol (Federal, Department of Homeland Security) CFDA 97.012	Assist counties, through their sheriffs' offices, in funding additional boating safety patrol hours on lakes and rivers in an effort to reduce accidents.	Counties through the sheriff's offices	\$301	\$323
<b>37</b>			<b>\$34,261</b>	<b>\$54,875</b>