

# ENVIRONMENT AND NATURAL RESOURCES

## 20 ENVIRONMENT AND NATURAL RESOURCES

**Mission:**

The mission of DENR is to protect public health and the environment by providing environmental monitoring and natural resource assessment, technical and financial assistance for environmental projects, and environmental regulatory services; all done with reduced red tape, expanded e-government functions, and exceptional customer service to promote a prosperous economy while protecting South Dakota's environment and natural resources for today and tomorrow.

LEGAL CITATION: The Department of Environment and Natural Resources came into existence under its present name by virtue of Executive Order 91-4, codified at SDCL 1-40. The department and the creation of the boards associated with it are charged with responsibility for implementing SDCL 1-50, 34-21, 34-21B, 34-21C, 34-24A, 34-44, 34A-1, 34A-2, 34A-3, 34A-3A, 34A-3B, 34A-6, 34A-11, 34A-12, 34A-13, 34A-14, 43-17-20 through 29, 45-1, 45-2, 45-5A-5 (in part), 45-6, 45-6B, 45-6C, 45-6D, 45-9, all of Title 46 (except 46-5-6.2 through 46-5-6.10, and 46-8), 46A-1, 46A-2, 46A-3B, 46A-3C, 46A-3D, 46A-3E, 46A-4, 46A-5, 46A-6-52, 46A-7A, 46A-9, 46A-10A-9.1 through 46A-10A-9.5, 46A-14, and 46A-18.

	ACTUAL FY 2016	ACTUAL FY 2017	BUDGETED FY 2018	REQUESTED FY 2019	GOVERNOR'S RECOMMENDED FY 2019	RECOMMENDED INC/(DEC) FY 2019
<b>FUNDING SOURCE:</b>						
General Funds	\$ 6,460,060	\$ 6,617,608	\$ 6,634,641	\$ 6,634,641	\$ 6,634,641	\$ 0
Federal Funds	7,599,185	7,590,696	8,342,796	8,342,796	8,342,796	0
Other Funds	4,914,603	5,215,214	9,618,643	9,618,643	9,618,643	0
<b>Total</b>	<b>\$ 18,973,849</b>	<b>\$ 19,423,517</b>	<b>\$ 24,596,080</b>	<b>\$ 24,596,080</b>	<b>\$ 24,596,080</b>	<b>\$ 0</b>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 13,812,315	\$ 14,193,362	\$ 15,030,002	\$ 15,030,002	\$ 15,030,002	\$ 0
Operating Expenses	5,161,534	5,230,155	9,566,078	9,566,078	9,566,078	0
<b>Total</b>	<b>\$ 18,973,849</b>	<b>\$ 19,423,517</b>	<b>\$ 24,596,080</b>	<b>\$ 24,596,080</b>	<b>\$ 24,596,080</b>	<b>\$ 0</b>
Staffing Level FTE:	181.2	174.0	180.5	180.5	180.5	0.0

# ENVIRONMENT AND NATURAL RESOURCES

## 2010 Financial and Technical Assistance

### Mission:

To evaluate the natural resources of the state and to provide technical and financial assistance in a customer service-oriented manner for the protection, restoration, and development of those resources.

	ACTUAL FY 2016	ACTUAL FY 2017	BUDGETED FY 2018	REQUESTED FY 2019	GOVERNOR'S RECOMMENDED FY 2019	RECOMMENDED INC/(DEC) FY 2019
<b>FUNDING SOURCE:</b>						
General Funds	\$ 2,428,280	\$ 2,554,416	\$ 2,560,043	\$ 2,560,043	\$ 2,560,043	\$ 0
Federal Funds	2,089,263	2,058,463	2,317,958	2,317,958	2,317,958	0
Other Funds	798,893	752,854	1,032,802	1,032,802	1,032,802	0
<b>Total</b>	<b>\$ 5,316,436</b>	<b>\$ 5,365,733</b>	<b>\$ 5,910,803</b>	<b>\$ 5,910,803</b>	<b>\$ 5,910,803</b>	<b>\$ 0</b>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 4,169,841	\$ 4,315,160	\$ 4,637,629	\$ 4,637,629	\$ 4,637,629	\$ 0
Operating Expenses	1,146,595	1,050,572	1,273,174	1,273,174	1,273,174	0
<b>Total</b>	<b>\$ 5,316,436</b>	<b>\$ 5,365,733</b>	<b>\$ 5,910,803</b>	<b>\$ 5,910,803</b>	<b>\$ 5,910,803</b>	<b>\$ 0</b>
Staffing Level FTE:	55.9	54.2	56.5	56.5	56.5	0.0

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>REVENUES</b>				
Sale of Publications/Maps	661	460	500	500
<b>Total</b>	<b>661</b>	<b>460</b>	<b>500</b>	<b>500</b>

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
Travel, Direct, Noncash, Receiving Vouchers, and Cash Receipts Processed	4,879	4,082	4,500	4,500
Requisitions/Travel Requests Processed	34/905	37/924	35/1,000	35/1,000
Contracts and Grants Monitored	291	273	300	300
Awards/Projects:				
Consolidated Program	\$7.5M/17	\$10.1M/14	\$8M/14	\$8M/14
Small Community Planning Grants	\$181K/20	\$160.8K/18	\$150K/15	\$150K/15
Solid Waste Projects	\$1.96M/11	\$2.74M/10	\$2.65M/12	\$2.65M/12
State Revolving Fund (SRF) Loans	\$56.9M/38	\$104.9M/41	\$75M/40	\$75M/40
Nonpoint Source Awards/Projects	\$2.5M/5	\$2.63M/6	\$2.18M/5	\$2.18M/5
Water Quality Grants	\$5.44M/8	\$1.03M/2	\$1.0M/3	\$1.2M/4
Nonpoint Source Projects in Progress	11	8	8	9
TMDL Waterbodies Under Assessment	70	15	8	9
Waterbodies Sampled	124	80	95	70
State Water Plan Projects	48	57	55	55
Construction Inspections Conducted	77	88	90	90
Plans & Specs Reviewed	41	53	45	45
SRF Loans Reviewed/Monitored	38/490	41/511	40/520	40/530
Test-Hole Footage Drilled	10,616	9,022	10,000	10,000
Test Holes Drilled	59	64	70	70
Wells Installed	22	19	25	25
X-Ray Analyses Completed	45	46	75	75
Water Samples Collected for Chem. Analysis	195	69	125	85
Square Miles Mapped (1:100,000 scale)	1,797	5,076	1,800	1,800
Square Miles Mapped (1:24,000 scale)	150	188	190	190
Square Miles Mapped for Aquifer Studies	1,891	4,132	3,500	3,500
Projects and Publications Completed	11	8	8	8
Presentations Given to Public or Agencies	47	32	35	35
Drilling Weeks Accomplished	35.7	39.2	40	40
Reconciling differences in information (well name, location, elevation, etc.) for geologic and water well records in databases belonging to Water Rights, Minerals and Mining, and Geological Survey Programs	Yes	Yes	Yes	Yes
Investigate areas or aquifers to specifically	Yes	Yes	Yes	Yes

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
provide geologic and hydrologic data to support recommendations from DENR's Water Rights Program on applications for new water right permits.				
* Aquifer name(s)	Big Sioux: Northern Skunk Creek Choteau: Tyndall Codell Flyod: East James Lower-James- Missouri: Scotland Niobrara Pleistocene Series Tulare: East James Warren: West James	Big Sioux Dakota Granite wash Sioux quartzite Cretaceous undifferentiated Pleistocene Prairie Coteau Veblen	Dakota, Granite wash Lower-James- Missouri- Okobojo Creek Veblen Warren White Lake	Veblen Others to be determined
* Counties underlain by aquifer(s)	Beadle, Bon Homme, Clark, Grant, Jerauld Lake, McCook, Sanborn, Spink	Brookings, Codington, Day, Lincoln, Grant McCook, Kingsbury Clark, Roberts	Aurora, Grant, Jerauld, Potter Roberts, Yankton	Grant, Roberts other to be determined
* Number of test holes drilled	35	36	20	20
* Number of feet drilled	6,107	5,225	3,000	3,000
* Number of monitoring wells installed	21	14	15	15
* Number of aquifer reports prepared	0	0	1	1
Compiling, scanning, and developing information needed by industry and government staff for the exploration and development of oil and gas resources	Yes	Yes	Yes	Yes
Updating web site for dissemination of information related to oil and gas exploration and development	Yes	Yes	Yes	Yes
Database Management Initiative	Yes	Yes	Yes	Yes

# ENVIRONMENT AND NATURAL RESOURCES

## 2020 Environmental Services

### Mission:

To provide the highest level of service as we work to protect the environment and public health through implementation of the state's environmental regulatory programs for the benefit of all South Dakota citizens.

	ACTUAL FY 2016	ACTUAL FY 2017	BUDGETED FY 2018	REQUESTED FY 2019	GOVERNOR'S RECOMMENDED FY 2019	RECOMMENDED INC/(DEC) FY 2019
<b>FUNDING SOURCE:</b>						
General Funds	\$ 4,031,780	\$ 4,063,192	\$ 4,074,598	\$ 4,074,598	\$ 4,074,598	\$ 0
Federal Funds	5,509,923	5,532,233	6,024,838	6,024,838	6,024,838	0
Other Funds	2,767,150	2,705,083	3,486,628	3,486,628	3,486,628	0
<b>Total</b>	<b>\$ 12,308,853</b>	<b>\$ 12,300,508</b>	<b>\$ 13,586,064</b>	<b>\$ 13,586,064</b>	<b>\$ 13,586,064</b>	<b>\$ 0</b>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 9,275,383	\$ 9,457,387	\$ 9,978,711	\$ 9,978,711	\$ 9,978,711	\$ 0
Operating Expenses	3,033,470	2,843,120	3,607,353	3,607,353	3,607,353	0
<b>Total</b>	<b>\$ 12,308,853</b>	<b>\$ 12,300,508</b>	<b>\$ 13,586,064</b>	<b>\$ 13,586,064</b>	<b>\$ 13,586,064</b>	<b>\$ 0</b>
Staffing Level FTE:	120.3	114.6	119.0	119.0	119.0	0.0

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>REVENUES</b>				
Mining/Oil and Gas Permit Fees	156,476	156,088	160,000	160,000
Licensing and Renewal of Asbestos Handlers	21,351	21,070	22,000	22,000
Water and Wastewater Operator Certification Certification Exams and Renewals	19,436	20,536	21,000	21,000
SARA Title III Fees	144,883	184,608	170,000	170,000
Air Quality Permit Fees	516,053	551,129	520,000	550,000
Solid Waste Permit Fees	12,263	14,501	8,000	12,000
Solid Waste Administration Fee	164,925	148,709	150,000	150,000
Surface Water Discharge Permit Fees	590,475	587,925	589,450	584,450
Feedlot Fees	91,078	95,257	93,000	94,250
Drinking Water System Fees	271,899	266,560	268,000	268,500
Oil and Gas Conservation Tax	183,930	145,457	145,457	145,457
Water Right Fees	109,735	128,319	130,000	130,000
<b>Total</b>	<b>2,282,504</b>	<b>2,320,159</b>	<b>2,276,907</b>	<b>2,307,657</b>

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
Permitted Air Emission Sources	653	661	665	670
Ethanol Prod. Capacity from Plants with Air Qual. Permits (millions of gallons)	1,330	1,460	1,500	1,500
Air Quality Monitoring Sites	13	13	13	13
Operating Air Quality Samplers	52	50	50	50
Total Continuous Air Quality Samples Collected	12,594	12,775	12,775	12,775
Air Quality Permits Issued	79	79	80	80
Air Quality Permits Contested	1	1	0	0
Stream Sites Sampled for Ambient Water Quality Monitoring	153	132	132	132
Regulated Public Drinking Water Systems	635	636	638	640
Total Population Served by Public Water Systems	784,000	803,000	807,000	810,000
Hazardous Waste Generators	2,676	2,750	2,826	2,901
Permitted Solid Waste Disposal Sites	236	238	238	238
Total Sources Authorized Under General Industrial Storm Water Permits	1,008	1,017	1,020	1,030
Total Sources Authorized Under General Storm Water Construction Permit	1,807	1,512	1,800	1,800
Storm Water Inspections	91	91	10	20
Cumulative Spill Sites	10,924	11,135	11,385	11,635
Contaminated Sites Cleaned Up and Closed Out/Percentage of Cumulative Spill Sites Closed Out	10,543/97%	10,804/97%	11,054/97%	11,304/97%

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
Total Water Right Permits	8,643	8,653	8,675	8,700
Cumulative Tanks Removed/Sites through the Abandoned Storage Tank Removal Project	4,597/3,356	4,659/3,406	4,734/3,466	4,809/3,526
Active Above-Ground Storage Tanks Regis.	3,671	3,727	3,671	3,750
Active Underground Storage Tanks Regis.	2,840	2,847	2,840	2,850
Spills and Releases Reported	267	211	250	250
Wastewater Point Sources Permitted	363	366	370	370
Active Gold and Other Mine Permits	50	53	56	59
Active Sand and Gravel Mine Sites Licensed	1,564	1,561	1,561	1,561
Total Regulated Underground Injection Wells	139	140	140	140
Producing Gas/Oil Wells	45/161	45/157 (Est.)	45/157	45/157
Number of Public Water Supply Systems Provided	61	57	60	60
Assistance with Source Water Assessment and Protection				
Provide Source Water Protection Area Reports to New Public Water Supply Systems	8	8	8	8
Public Water Supply Systems with Source Water and Wellhead Measures in Place	71	72	72	72
Hydrogeologic Review of Facility Locations	413	361	400	400
Total Groundwater Discharge Permits	14	14	14	14
Groundwater Discharge Permits and Variances Amended, Renewed, or Issued	5	4	6	6
Storage Tank Closures Reported	136	56	136	60
Storage Tank Facility Inspections	666	540	700	600
Storage Tank Plans and Specifications Approved	79	61	70	65
Abandoned Tanks Removed/Sites	76/62	62/50	75/60	75/60
Spill and Release Site Closures	270	261	250	250
State Oversight and Assistance on Brohm Site	Yes	Yes	Yes	Yes
State Oversight and Assistance on Riley Pass Abandoned Mine	Yes	Yes	Yes	Yes
State Oversight and Assistance on Ellsworth Air Force Base Superfund Site	Yes	Yes	Yes	Yes
State Oversight and Assistance on Black Hills Army Depot Formerly Used Defense Site	Yes	Yes	Yes	Yes
State Oversight and Assistance on Formerly Used Defense Sites	Yes	Yes	Yes	Yes
State Oversight and Assistance on Brownsfields Projects	Yes	Yes	Yes	Yes
Brownsfields Assessments Completed	4	4	3	3
Brownsfields Cleanup Project Completed	0	1	1	1
Interstate Pipelines Reviewed for Environmental Concerns	3	3	3	3
Workshops and Meetings Held to Maintain Community Right-to-Know Activities About Hazardous Materials Stored or Used in Communities	7	19	7	7
Local Emergency Planning Committees Receiving Assistance	36	36	36	36
Large Manufacturing Facilities Reporting Chemical Storage and Use for Federal SARA Title III Sec. 313 (TRI)	96	97	96	96
Facilities Reporting Chemical Storage and Use for Federal SARA Title III Sec. 312	1,736	1,731	1,731	1,731
Public Drinking Water Systems/Percent with Microbiological Standards	612/96%	622/98%	625/98%	626/98%
Public Drinking Water Systems/Percent with Chemical, Radiological, and Turbidity Standards	624/98%	618/97%	619/97%	621/97%
Public Drinking Water Systems/Percent with Microbiological Monitoring and Reporting Requirements	599/94%	622/98%	623/98%	625/98%
Public Drinking Water System Waterborne	0	0	0	0
Public Drinking Water Systems Required to Add Fluoride	63	60	60	60
Public Drinking Water Systems with Fluoridation Exemption	24	27	27	27
Sanitary Surveys of Public Drinking Water Systems	187	190	190	190
Certified Drinking Water and Wastewater Operators	1,457	1,470	1,475	1,480

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
Plans and Specs Approved for Public Drinking Water Systems	93	88	90	90
Compliance Rate for Consumer Confidence	100%	100%	100%	100%
Number of Capacity Development Reviews	17	20	20	20
Percentage of Major Wastewater Facilities in Significant Compliance with State Requirements	82%	96%	100%	100%
Wastewater Point Source Permits Renewed or Issuances	52	157	55	55
Contested Surface Water Discharge Permits	0	0	0	0
Contested Surface Water Discharge Permits	N/A	N/A	100%	100%
Drinking Water Systems Authorized to Discharge Under the General Water Pollution Control Permit	79	79	79	79
Municipal Separate Storm Sewer System (MS4s) Audits	0	1	0	0
Wastewater Permit File Evaluations	83	69	70	70
Wastewater Compliance Audits	116	114	70	70
Pretreatment Industrial Users Permitted	31	33	34	34
Biosolids Generators Permitted	25	25	26	26
Biosolids Generators Inspected	9	2	8	9
Industrial Pretreatment Inspections	32	31	34	34
Municipal Pretreatment Compliance Inspections	5	6	4	5
Municipal Pretreatment Audits	1	1	1	2
Environmental Reviews for Construction Projects	179	187	250	250
Review and Revise Surface Water Quality Standards	Yes	Yes	Yes	Yes
Water Resource Enhancement Approvals	0	5	3	3
Use Attainability Analyses of Streams	20	33	20	20
Recreational Use Assessment of Streams	40	40	40	40
Lake Acreage Supporting Uses	19%	19%	25%	25%
Stream Miles Supporting Uses	21%	21%	30%	30%
401 Water Quality Certifications	18	16	19	19
Plans and Specifications Reviewed and Approved for Septic Systems	175	207	180	190
On-Site Wastewater System Installers Certified Annually	149	150	150	150
Total On-Site Wastewater System Installers Certified	745	772	750	750
Number of Improperly Installed Onsite Waste Water Systems by Certified Installers	5	2	5	5
Application Approvals for New, Expanding, and Modifications to Existing Animal Feeding Operations Under General Water Pollution Control Permit	165	123	165	165
Public Notice of New and Expanding Animal Feeding Operations Application	30	20	30	30
Total Animal Feeding Operations Permitted Under Feedlot Permit	428	430	445	460
Construction Inspections of Newly Built Manure Management Systems	44	41	45	45
Operational Inspections of Permitted Animal Feeding Operations	229	173	307	314
Animal Feeding Operations Subject to Permit Fee	455	453	463	473
Training and Education Sessions for Operators of Animal Feeding Operations, Local Government Officials, and General Public	13	10	15	13
Number of Attendees at Environmental Training for Livestock Producers	289	295	395	395
Feedlot Complaint Inspections	29	19	25	25
Revised Nutrient Management Plan Approvals	131	138	150	150
Number of manure discharges to state waters	1	1	1	1
CAFO Compliance Rate	99.8%	99.8%	99.8%	99.8%
Plans and Specifications Approvals for Wastewater Facilities	87	80	80	80
Approvals for Addendum to Plans and Specifications for Wastewater Facilities	1	5	5	5
Small Air Emission Sources Regulated by Rule	1,001	1,327	1,350	1,375
New and Construction Air Quality Permits Issued	107	91	100	100
Existing Air Quality Permits Renewed or Modified	42	55	50	50
Backlog of New or Modified Air Permits	0	4	0	0

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
New or Expanding Industries				
Ave. Number of Days to Issue New or Modified Air Permits	73	63	<90	<90
Total Number of General Air Quality Permits	10	10	10	10
Facilities Permitted Under Air Quality General Permits	477	448	450	450
Air Quality Inspections	148	198	160	160
Compliance Rate of Air Quality Inspections	99%	100%	>95%	>95%
Monitor and Audit Performance Tests of Air Emissions and Review Results	39	50	45	45
Statewide Inventory of All Air Pollution Sources	1	1	1	1
Provide Technical Indoor Air and Radon Assistance	116	92	95	95
Provide Radon webpage with general information EPA contact information	Yes	Yes	Yes	Yes
Total Air Quality Samples Collected (PM Manual)	1,153	1,121	1,123	1,123
Percentage of Air Quality Samples Meeting Sampling Requirements (Manual)	99%	98%	>90%	>90%
Percentage of Air Quality Samples Meeting Sampling Requirements (Continuous)	97%	94%	>90%	>90%
PM Concentrations from Air Quality Samplers Greater than Federal Air Quality Standards	14	1	0	0
Ozone Concentrations from Air Quality Samplers Greater than Fed Air Quality Standards	3	0	0	0
Sulfur Dioxide Concentrations from Air Quality Samplers Greater than Federal Air Quality Standards	0	0	0	0
Nitrogen Oxide Concentrations from Air Quality Samplers Greater than Federal Air Quality Standards	0	0	0	0
Air Quality Nonattainment Areas	0	0	0	0
Number of Older Diesel Engines Replaced	4	6	7	23
Clean Diesel Grant Dollars Paid for Replacements	\$83,819	\$118,833	\$139,052	\$281,272
New Mine Licenses Issued for Sand and Gravel	18	17	17	17
Active Sand and Gravel Mine Licenses	519	522	522	522
Compliance Rate - Sand and Gravel Mine	97%	97%	97%	97%
Bond Held for Sand and Gravel Mine Licenses	\$3,230,815	\$2,946,672	\$2,946,672	\$2,946,672
Mined Acres Reclaimed During the Year Under and Gravel Mine Licenses	974	780	780	780
Acres in Compliance - Sand and Gravel Mine Licenses	21,716	21,962	21,962	21,962
Tons of Sand, Gravel, and Rock Produced	20,115,780	22,890,036	22,890,036	22,890,036
Inspections Conducted - Sand and Gravel Mine Licenses	236	277	277	277
Licensed Mine Sites reclaimed/Released of Liability	86	85	85	85
Licensed Mine Sites - Reclamation Bond Forfeited	0	28	0	0
New Exploration Notices of Intent Issued	0	3	4	2
Exploration Notices of Intent Reclaimed/Released of Liability	0	0	1	3
Active Exploration Notices of Intent	36	39	42	41
Exploration Notices of Intent - Reclamation Bond Forfeited	0	0	0	0
Bond Held for Exploration Reclamation	\$119,750	\$145,550	\$175,050	\$160,850
Inspections Conducted - Exploration	12	20	20	20
Contested Gold and Other Mine Permits requiring Board Hearing	0	0	0	1
Gold and Other Mine Sites-Reclamation Bond Forfeited	0	0	0	0
Contested Gold and Other Mine Permits Upheld	0	0	0	1
Uncontested Gold and Other Mine Permits approved by the Department	0	3	3	2
Total Gold and Other Mine Permits Issued	0	3	3	3
Gold and Other Mine Sites Relaimed/Released of Liability	2	0	0	0
Mine Permit Amendments Issued	0	0	1	1
Technical Revisions to Mine Permits Issued	6	4	5	5
Bond Held for Mine Permits	\$150,159,082	\$152,044,873	\$155,609,435	\$155,822,004

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
Spill Bonds Held for Mine Permits	\$612,400	\$649,700	\$668,100	\$687,100
Mined Acres Reclaimed During the Year - Mine Permits	110	137	137	75
Acres in Compliance - Mine Permits	3,425	3,455	3,420	3,477
Compliance Rate for Acres Mined Under Gold and Other Mine Permits	93%	93%	93%	93%
Gold Mine Environmental Audits	3	3	3	3
Inspections Conducted - Mine Permits	272	227	250	250
Ounces of Gold Produced - Calendar Year	89,496	109,175	90,000	80,000
Value of Gold Produced - Calendar Year	\$103,820,730	\$136,549,540	\$112,500,000	\$100,000,000
New Drilling Permits Issued for Oil and Gas	4	2	2	2
Average Number of Days to Issue Oil & Gas Permit	8	5	<14	<14
Gas Fields	3	3	3	3
Oil Fields	29	29	29	29
Estimated Value of Gas/Oil Produced	\$52,693,000	\$58,754,000	\$58,754,000	\$58,754,000
Oil Produced (Thousands of 42 gallon barrels)	1,520	1,353 (Est.)	1,353	1,353
Marketed Gas Produced (Millions of Cubic Feet)	261	271 (Est.)	271	271
Oil and Gas Wells Plugged	0	3	3	3
Oil and Gas Sites Reclaimed/Released of Liability	1	3	3	3
Oil and Gas Sites-Reclamation Bond Forfeited	0	1	0	0
Bond Held for Oil and Gas Wells	\$1,341,000	\$1,311,000	\$1,311,000	\$1,311,000
Inspections Conducted - Oil and Gas	468	370	370	370
Contested Oil and Gas Cases Require Board	0	1	1	1
Contested Oil and Gas Cases Upheld	0	1	1	1
Uncontested Oil and Gas Cases Approved by the Secretary	2	0	0	0
Notices of Recommendation Issued for Oil & Gas	0	1	1	1
Total Mine Sites Reclaimed	89	88	88	88
Reclamation Liability Released (Percentage of Sites where Liability Released vs. Sites where Reclamation Bond Forfeited)	100%	75%	100%	100%
Hazardous Waste Generator Inspections	68	91	75	75
Compliance Rate of Hazardous Waste Generators Inspected	91%	91%	98%	95%
Percent of Hazardous Waste Generators Returned to Compliance within Required Time Frame	100%	100%	100%	100%
Hazardous Waste Generator Determination Inspections	23	34	25	27
Follow-Up to Citizen Complaints About Hazardous Waste	16	9	15	10
Notification of Hazardous Waste Activity	96	106	95	100
Hazardous Waste Transportation Document Corrections	2	0	5	3
Number of Hazardous Waste Generators Assisted Completing Biennial Hazardous Waste Reports	43	0	40	0
Educational Institutions and Businesses Assisted on Proper Disposal of Wastes	103	116	110	110
Disseminate Hazardous Waste Minimization Information	80	91	75	75
Permitted Hazardous Waste Sites	2	2	2	2
Hazardous Waste Permit Modifications	2	4	3	3
Amendments Made to Hazardous Waste Rules to Comply with Federal Regulations	No	No	Yes	No
Submit Annual Hazardous Waste Authorization Application	No	No	No	Yes
Certified Asbestos Workers	342	337	345	345
Conduct Audit of Asbestos Abatement Training Courses	4	4	4	4
Asbestos Notifications Processed	232	201	235	235
Asbestos Inspections	33	31	35	35
Compliance Rate of Asbestos Facilities Inspected	82%	84%	85%	85%
Provide Technical Assistance on Asbestos	517	501	520	520
Total General Permits for Solid Waste	8	8	8	8
Solid Waste Permits Issued/Renewed:				
Type I (>150,000 Tons/Year)	0	0	1	0
Type II, III (Between 500 and 150,000 Tons/Year)	14	19	14	20
Type IV (Less than 500 Tons/Year)	13	16	13	17
General Permit Authorizations	24	17	21	22



	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
Solid Waste Plans and Specifications Approvals	5	6	6	6
Solid Waste Facilities Closed	2	2	3	3
Solid Waste Facility Inspections:				
Type I (>150,000 Tons/Year)	3	8	6	6
Type II, III (Between 500 and 150,000 Tons/Year)	61	64	63	63
Type IV (less than 500 tons/year)	45	58	46	46
Other (General)	59	67	60	60
Compliance Rate for Solid Waste Inspections	95%	95%	95%	95%
Solid Waste Complaints Investigated	42	40	40	40
New Water Right Permits Issued	101	88	100	110
Water Right Permit Cancellations	47	39	45	50
Deferred Water Right Applications	21	11	10	10
Water Right Permit Investigations	250	141	200	250
Water Right Licenses Issued	199	180	200	250
Water Right Complaint Investigations	18	40	40	40
Daily Stream Flow Measuring Stations	48	48	48	48
Water Well Drillers Licensed	149	135	140	140
Well Pump Installers Licensed	38	30	35	40
Inspections of State-Owned Dams and Other High Hazard Dams	59	42	70	55
Total Number of Water Right Observation Wells	1,580	1,580	1,585	1,590
Observation Well Measurements	13,067	12,827	13,000	13,500
Observation Wells Repaired or Developed	305	278	300	310
Dry Draw Location Notices Recorded	39	73	50	50
Reported Surface Water Use for Irrigation (Acre-Feet -- Calendar Year)	76,144	102,093	110,000	90,000
Reported Groundwater Use for Irrigation (Acre-Feet -- Calendar Year)	158,029	201,152	250,000	200,000
Irrigation Questionnaires Mailed	3,834	3,830	3,850	3,900
Irrigation Questionnaire Violation Suspensions	6	4	5	5
Lake Level Measurements	302	277	302	302
Data Recorders for Measuring Water Levels in Observation Wells	17	17	10	10
Temporary Water Permits Issued	177	201	200	200
Transfer of Water Right Permit	126	92	120	120
Held Applications for Fully Appropriated Aquifers	42	42	42	42
Fully Appropriated Aquifers 5 Year Reviews	2	2	2	2
Contested Permit Applications Upheld by Water Management Board and the Courts	100%	100%	100%	100%
Backlog of Surface Water Discharge Permits	211	199	190	175
Backlogged Stormwaster Permits/Facilities	3/1,823	3/1,528	3/1,033	2/20

# ENVIRONMENT AND NATURAL RESOURCES

## 2040 Regulated Response Fund - Info

**Mission:**

To provide for the cleanup of regulated substances during emergencies or when necessary to protect the public health, safety, welfare, or the environment of the state.

	ACTUAL FY 2016	ACTUAL FY 2017	BUDGETED FY 2018	REQUESTED FY 2019	GOVERNOR'S RECOMMENDED FY 2019	RECOMMENDED INC/(DEC) FY 2019
<b>FUNDING SOURCE:</b>						
General Funds	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Federal Funds	0	0	0	0	0	0
Other Funds	220,612	449,105	1,750,001	1,750,001	1,750,001	0
<b>Total</b>	<b>\$ 220,612</b>	<b>\$ 449,105</b>	<b>\$ 1,750,001</b>	<b>\$ 1,750,001</b>	<b>\$ 1,750,001</b>	<b>\$ 0</b>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 0	\$ 41,254	\$ 0	\$ 0	\$ 0	\$ 0
Operating Expenses	220,612	407,851	1,750,001	1,750,001	1,750,001	0
<b>Total</b>	<b>\$ 220,612</b>	<b>\$ 449,105</b>	<b>\$ 1,750,001</b>	<b>\$ 1,750,001</b>	<b>\$ 1,750,001</b>	<b>\$ 0</b>
<b>Staffing Level FTE:</b>	<b>0.0</b>	<b>0.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>REVENUES</b>				
Penalties and Reimbursements	127,499	2,000	61,380	61,380
Investment Council Interest	54,880	62,810	62,000	62,000
<b>Total</b>	<b>182,379</b>	<b>64,810</b>	<b>123,380</b>	<b>123,380</b>

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
Brohm Match	\$101,521	\$131,905	0	0
Estelline Moberg/Petersen	0	0	0	0
Sioux Falls PCE Investigation	\$51,676	0	0	0
Delmont Atrazine Release	\$18,180	0	0	0
Lesterville PCE	\$1,003	0	0	0
Kadoka Fresh Start	\$30,256	0	0	0
Battle Creek Restoration		\$129,462		
Lust Trust Subaccount Expenditures				
Gregory Flower Garden	\$2,845	\$3,960	0	0
Hill City Dieterle	\$14,855	\$26,186	0	0
Aberdeen Kline St. Project		\$2,424		
Aberdeen 6th St Vapors		\$6,135		
Baltic Service		\$38,882		
Bison		\$3,116		
Colman Street Project		\$26,334		
Huron Center Plaza		\$3,550		
Milbank Highway 12 Project		\$3,974		
Stanley Co. School		\$4,093		
Trailside		\$11,993		
Wagner Street Project		\$7,523		
Budgeted Capacity to Match EPA Superfund			\$1,750,002	\$1,750,002
Expenditures at Brohm and Respond to				
Other Cleanups Needed to Protect Health				
and the Environment				

# ENVIRONMENT AND NATURAL RESOURCES

## 2050 Livestock Cleanup Fund - Info

**Mission:**

To provide for the cleanup of discharges or spills from animal feeding operations during emergencies, or when necessary to protect the public health, safety, welfare, or the environment of the state.

	ACTUAL FY 2016	ACTUAL FY 2017	BUDGETED FY 2018	REQUESTED FY 2019	GOVERNOR'S RECOMMENDED FY 2019	RECOMMENDED INC/(DEC) FY 2019
<b>FUNDING SOURCE:</b>						
General Funds	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Federal Funds	0	0	0	0	0	0
Other Funds	0	0	765,000	765,000	765,000	0
<b>Total</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 765,000</b>	<b>\$ 765,000</b>	<b>\$ 765,000</b>	<b>\$ 0</b>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Operating Expenses	0	0	765,000	765,000	765,000	0
<b>Total</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>\$ 765,000</b>	<b>\$ 765,000</b>	<b>\$ 765,000</b>	<b>\$ 0</b>
Staffing Level FTE:	0.0	0.0	0.0	0.0	0.0	0.0

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>REVENUES</b>				
Investment Council Interest	16,002	17,766	18,000	18,000
Penalties and Reimbursements	20,241	18,855	21,643	21,643
<b>Total</b>	<b>36,243</b>	<b>36,621</b>	<b>39,643</b>	<b>39,643</b>

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
Environmental Cleanups Funded	0	0	0	0
Redfield Livestock Auction	0	0	0	0
Wagner Livestock Yard	0	0	0	0
Budgeted Capacity to Respond to Cleanups Needed To Protect Public Health and the Environment.		\$765,000	\$765,000	\$765,000

# ENVIRONMENT AND NATURAL RESOURCES

## 2061 Petroleum Release Compensation

### Mission:

To provide financial assistance in the cleanup of certain petroleum releases; to determine the amount of reimbursement due to responsible parties for corrective actions they have taken; to provide a financial assurance mechanism that will comply with the federal and state financial responsibility requirements for regulated petroleum tank owners; to administer the Abandoned Tank Removal Program; and, to make payments for tank pulling and corrective action at abandoned sites.

	ACTUAL FY 2016	ACTUAL FY 2017	BUDGETED FY 2018	REQUESTED FY 2019	GOVERNOR'S RECOMMENDED FY 2019	RECOMMENDED INC/(DEC) FY 2019
<b>FUNDING SOURCE:</b>						
General Funds	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Federal Funds	0	0	0	0	0	0
Other Funds	435,374	441,062	484,212	484,212	484,212	0
<b>Total</b>	<b>\$ 435,374</b>	<b>\$ 441,062</b>	<b>\$ 484,212</b>	<b>\$ 484,212</b>	<b>\$ 484,212</b>	<b>\$ 0</b>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 367,091	\$ 379,561	\$ 413,662	\$ 413,662	\$ 413,662	\$ 0
Operating Expenses	68,283	61,501	70,550	70,550	70,550	0
<b>Total</b>	<b>\$ 435,374</b>	<b>\$ 441,062</b>	<b>\$ 484,212</b>	<b>\$ 484,212</b>	<b>\$ 484,212</b>	<b>\$ 0</b>
Staffing Level FTE:	5.0	5.0	5.0	5.0	5.0	0.0

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>REVENUES</b>				
Deposited to Petroleum Release Comp Fund:				
Petroleum Tank Inspection Fee	1,830,388	1,824,457	1,825,000	1,825,000
Interest	61,042	69,591	40,000	45,000
<b>Total</b>	<b>1,891,430</b>	<b>1,894,048</b>	<b>1,865,000</b>	<b>1,870,000</b>

	ACTUAL FY 2016	ACTUAL FY 2017	ESTIMATED FY 2018	ESTIMATED FY 2019
<b>PERFORMANCE INDICATORS</b>				
Petroleum Release Program				
Cases Initiated	55	42	50	50
Claims Processed and Amount Paid	21/\$240,332	27/\$583,109	25/\$350,000	25/\$350,000
Abandoned Tank Program				
Abandoned Tank Sites Initiated	57	45	60	60
Abandoned Tank Sites Completed	62	50	60	60
Tanks Removed at Abandoned Tank Sites	76	62	75	75
Claims Processed and Amounts Paid	134/\$359,189	93/\$217,671	135/\$350,000	135/\$350,000
Responsible Parties Reimbursed	80	65	80	80
Review Contracts and Corrective Action Plans	36	58	50	50
Board Meetings	2	1	2	2
Annual Insurance Meeting	Yes	Yes	Yes	Yes
Annual Report to Governor & Legislature	Yes	Yes	Yes	Yes
Claims Closed	132	112	100	100
Cost Recovery Action	Yes	Yes	Yes	Yes
Owners/Operators Trained	179	144	150	150

## ENVIRONMENT AND NATURAL RESOURCES

### 2062 Petroleum Release Compensation - Info

**Mission:**

To provide financial assistance in the cleanup of certain petroleum releases; to determine the amount of reimbursement due to responsible parties for corrective actions they have taken; to provide a financial assurance mechanism that will comply with the federal and state financial responsibility requirements for regulated petroleum tank owners; to report to the Governor and legislature; to administer the Abandoned Tank Removal Program; and, to make payments for tank pulling and corrective action at abandoned sites.

	ACTUAL FY 2016	ACTUAL FY 2017	BUDGETED FY 2018	REQUESTED FY 2019	GOVERNOR'S RECOMMENDED FY 2019	RECOMMENDED INC/(DEC) FY 2019
<b>FUNDING SOURCE:</b>						
General Funds	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Federal Funds	0	0	0	0	0	0
Other Funds	692,575	867,110	2,100,000	2,100,000	2,100,000	0
Total	<u>\$ 692,575</u>	<u>\$ 867,110</u>	<u>\$ 2,100,000</u>	<u>\$ 2,100,000</u>	<u>\$ 2,100,000</u>	<u>\$ 0</u>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Operating Expenses	692,575	867,110	2,100,000	2,100,000	2,100,000	0
Total	<u>\$ 692,575</u>	<u>\$ 867,110</u>	<u>\$ 2,100,000</u>	<u>\$ 2,100,000</u>	<u>\$ 2,100,000</u>	<u>\$ 0</u>
Staffing Level FTE:	0.0	0.0	0.0	0.0	0.0	0.0