

## 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 2017	ACTUAL FY 2018	BUDGETED FY 2019	REQUESTED FY 2020	GOVERNOR'S RECOMMENDED FY 2020	RECOMMENDED INC/(DEC) FY 2020
<b>FUNDING SOURCE:</b>						
General Funds	\$ 6,617,608	\$ 6,698,800	\$ 6,714,350	\$ 6,714,350	\$ 6,714,350	\$ 0
Federal Funds	7,590,696	7,060,062	8,420,978	8,420,978	8,420,978	0
Other Funds	5,215,214	4,522,681	9,672,175	9,672,175	9,672,175	0
<b>Total</b>	<b>\$ 19,423,517</b>	<b>\$ 18,281,543</b>	<b>\$ 24,807,503</b>	<b>\$ 24,807,503</b>	<b>\$ 24,807,503</b>	<b>\$ 0</b>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 14,193,362	\$ 13,555,099	\$ 15,207,227	\$ 15,207,227	\$ 15,207,227	\$ 0
Operating Expenses	5,230,155	4,726,444	9,600,276	9,600,276	9,600,276	0
<b>Total</b>	<b>\$ 19,423,517</b>	<b>\$ 18,281,543</b>	<b>\$ 24,807,503</b>	<b>\$ 24,807,503</b>	<b>\$ 24,807,503</b>	<b>\$ 0</b>
Staffing Level FTE:	174.0	165.9	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 2017	ACTUAL FY 2018	BUDGETED FY 2019	REQUESTED FY 2020	GOVERNOR'S RECOMMENDED FY 2020	RECOMMENDED INC/(DEC) FY 2020
<b>FUNDING SOURCE:</b>						
General Funds	\$ 2,554,416	\$ 2,581,629	\$ 2,589,255	\$ 2,589,255	\$ 2,589,255	\$ 0
Federal Funds	2,058,463	1,953,451	2,342,842	2,342,842	2,342,842	0
Other Funds	752,854	724,794	1,042,875	1,042,875	1,042,875	0
<b>Total</b>	<b>\$ 5,365,733</b>	<b>\$ 5,259,874</b>	<b>\$ 5,974,972</b>	<b>\$ 5,974,972</b>	<b>\$ 5,974,972</b>	<b>\$ 0</b>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 4,315,160	\$ 4,224,930	\$ 4,693,827	\$ 4,693,827	\$ 4,693,827	\$ 0
Operating Expenses	1,050,572	1,034,944	1,281,145	1,281,145	1,281,145	0
<b>Total</b>	<b>\$ 5,365,733</b>	<b>\$ 5,259,874</b>	<b>\$ 5,974,972</b>	<b>\$ 5,974,972</b>	<b>\$ 5,974,972</b>	<b>\$ 0</b>
<b>Staffing Level FTE:</b>	<b>54.2</b>	<b>52.5</b>	<b>56.5</b>	<b>56.5</b>	<b>56.5</b>	<b>0.0</b>

	ACTUAL FY 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>PERFORMANCE INDICATORS</b>				
Travel, Direct, Noncash, Receiving				
Vouchers, and Cash Receipts Processed	4,082	4,306	4,300	4,300
Requisitions/Travel Requests Processed	37/924	26/898	30/1,000	30/1,000
Contracts and Grants Monitored	273	285	285	285
Loans Monitored	68	73	75	75
Awards/Projects:				
Consolidated Program	\$10.1M/14	\$8.2M/10	\$10M/14	\$10M/14
Small Community Planning Grants	\$160.8K/18	\$156K/18	\$150K/15	\$150K/15
Solid Waste Projects	\$2.74M/10	\$2.74M/6	\$2.65M/10	2.65M/10
State Revolving Fund (SRF) Loans	\$104.9M/41	\$51.8M/25	\$100M/30	\$100M/35
Nonpoint Source Awards/Projects	\$2.63M/6	\$2.6M/3	\$2.6M/7	2.6M/5
Water Quality Grants	\$1.03M/2	\$0.65M/4	\$0.8M/3	\$0.8M/3
Nonpoint Source Projects in Progress	8	9	9	9
TMDL Waterbodies Under Assessment	15	7	7	5
Waterbodies Sampled	80	128	47	100
State Water Plan Projects	57	46	55	55
Construction Inspections Conducted	88	86	90	90
Plans & Specs Reviewed	53	31	45	45
SRF Loans Reviewed/Monitored	41/511	25/515	30/520	35/525
Test-Hole Footage Drilled	9,022	7,757	9,000	9,000
Test Holes Drilled	64	76	70	70
Wells Installed	19	11	20	20
X-Ray Analyses Completed	46	110	75	75
Water Samples Collected for Chem. Analysis	69	104	85	110
Square Miles Mapped (1:100,000 scale)	5,076	2,915	2,000	2,000
Square Miles Mapped (1:24,000 scale)	188	233	190	190
Square Miles Mapped for Aquifer Studies	4,132	5,433	5,000	4,000
Projects and Publications Completed	8	10	8	8
Presentations Given to Public or Agencies	32	33	30	30
Drilling Weeks Accomplished	39.2	32.7	34	38
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 provide geologic and hydrologic data to support recommendations from DENR's Water Rights Program on applications for new water right	Yes	Yes	Yes	Yes

	ACTUAL FY 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>PERFORMANCE INDICATORS</b>				
permits.				
* Aquifer name(s)	Big Sioux Dakota Granite wash Sioux quartzite Cretaceous undifferentiated Pleistocene Series Prairie Coteau Veblen	Dakota, Granite wash Lower-James- Missouri- Okobojo Creek Veblen	Twin Lakes Highmore/Blunt Revilla Spring Creek Grand Veblen Others to be determined	To Be Determined
* Counties underlain by aquifer(s)	Brookings, Codington, Day, Lincoln, Grant McCook, Kingsbury Clark, Roberts	Grant, Potter Bon Homme Roberts, Yankton	Grant, Roberts, Sully, McPherson, Campbell	To be determined
* Number of test holes drilled	36	22	20	20
* Number of feet drilled	5,225	2,726	3,000	3,000
* Number of monitoring wells installed	14	9	10	10
* Number of aquifer reports prepared	0	1	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 2017	ACTUAL FY 2018	BUDGETED FY 2019	REQUESTED FY 2020	GOVERNOR'S RECOMMENDED FY 2020	RECOMMENDED INC/(DEC) FY 2020
<b>FUNDING SOURCE:</b>						
General Funds	\$ 4,063,192	\$ 4,117,171	\$ 4,125,095	\$ 4,125,095	\$ 4,125,095	\$ 0
Federal Funds	5,532,233	5,106,611	6,078,136	6,078,136	6,078,136	0
Other Funds	2,705,083	2,400,243	3,524,819	3,524,819	3,524,819	0
Total	\$ 12,300,508	\$ 11,624,025	\$ 13,728,050	\$ 13,728,050	\$ 13,728,050	\$ 0
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 9,457,387	\$ 8,863,949	\$ 10,095,026	\$ 10,095,026	\$ 10,095,026	\$ 0
Operating Expenses	2,843,120	2,760,075	3,633,024	3,633,024	3,633,024	0
Total	\$ 12,300,508	\$ 11,624,025	\$ 13,728,050	\$ 13,728,050	\$ 13,728,050	\$ 0
Staffing Level FTE:	114.6	107.9	119.0	119.0	119.0	0.0

	ACTUAL FY 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>REVENUES</b>				
Mining/Oil and Gas Permit Fees	156,088	158,950	160,000	160,000
Licensing and Renewal of Asbestos Handlers	21,070	23,783	22,400	22,400
Water and Wastewater Operator Certification Certification Exams and Renewals	20,536	19,858	19,000	19,000
SARA Title III Fees	184,608	179,752	180,000	180,000
Air Quality Permit Fees	551,129	525,583	550,000	560,000
Solid Waste Permit Fees	14,501	10,268	11,000	10,000
Solid Waste Administration Fee	148,709	159,401	150,000	150,000
Surface Water Discharge Permit Fees	587,925	581,135	951,135	1,051,135
Feedlot Fees	95,257	94,737	95,455	97,405
Drinking Water System Fees	266,560	274,509	275,000	276,000
Oil and Gas Conservation Tax	145,457	145,048	145,000	145,000
Water Right Fees	128,319	154,519	160,000	160,000
Total	2,320,159	2,327,543	2,718,990	2,830,940

<b>PERFORMANCE INDICATORS</b>				
Permitted Air Emission Sources	661	681	685	690
Ethanol Prod. Capacity from Plants with Air Qual. Permits (millions of gallons)	1,460	1,480	1,545	1,545
Air Quality Monitoring Sites	13	13	13	13
Operating Air Quality Samplers	50	50	50	50
Total Continuous Air Quality Samples Collected	12,775	12,775	12,775	12,755
Air Quality Permits Issued	79	95	90	90
Air Quality Permits Contested	1	0	0	0
Stream Sites Sampled for Ambient Water Quality Monitoring	132	132	132	132
Regulated Public Drinking Water Systems	636	641	642	643
Total Population Served by Public Water Systems	803,000	806,800	810,000	811,00
Hazardous Waste Generators	2,750	2,750	2,826	2,900
Permitted Solid Waste Disposal Sites	238	241	241	241
Total Sources Authorized Under General Industrial Storm Water Permits	1,017	830	900	1,000
Total Sources Authorized Under General Storm Water Construction Permit	1,512	1,499	1,500	1,500
Storm Water Inspections	91	46	100	100
Cumulative Spill Sites	11,135	11,375	11,625	11,875
Contaminated Sites Cleaned Up and Closed Out/Percentage of Cumulative Spill Sites Closed Out	10,804/97%	11,055/97%	11,305/97%	11,555/97%

	ACTUAL FY 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>PERFORMANCE INDICATORS</b>				
Total Water Right Permits	8,653	8,703	8,750	8,800
Cumulative Tanks Removed/Sites through the Abandoned Storage Tank Removal Project	4,659/3,406	4,696/3,431	4,756/3,481	4,816/3,531
Active Above-Ground Storage Tanks Regis.	3,727	3,743	3,750	3,760
Active Underground Storage Tanks Regis.	2,847	2,812	2,830	2,830
Spills and Releases Reported	211	240	250	250
Wastewater Point Sources Permitted	366	385	392	399
Active Gold and Other Mine Permits	53	54	58	61
Active Sand and Gravel Mine Sites Licensed	1,561	1,548	1,548	1,548
Total Regulated Underground Injection Wells	140	140	140	140
Producing Gas/Oil Wells	45/156	44/150 (Est.)	44/150	44/150
Number of Public Water Supply Systems Provided	57	36	40	40
Assistance with Source Water Assessment and Protection				
Provide Source Water Protection Area Reports to New Public Water Supply Systems	8	7	8	8
Public Water Supply Systems with Source Water and Wellhead Measures in Place	72	72	72	72
Hydrogeologic Review of Facility Locations	361	327	320	300
Total Groundwater Discharge Permits	14	14	14	14
Groundwater Discharge Permits and Variances Amended, Renewed, or Issued	4	6	6	5
Storage Tank Closures Reported	56	63	60	50
Storage Tank Facility Inspections	540	481	520	520
Storage Tank Plans and Specifications Approved	61	49	60	60
Abandoned Tanks Removed/Sites	62/50	37/25	60/50	60/50
Spill and Release Site Closures	261	251	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	7	4	4
Brownsfields Cleanup Project Completed	1	0	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	19	6	7	7
Local Emergency Planning Committees Receiving Assistance	36	39	36	36
Large Manufacturing Facilities Reporting Chemical Storage and Use for Federal SARA Title III Sec. 313 (TRI)	97	98	96	96
Facilities Reporting Chemical Storage and Use for Federal SARA Title III Sec. 312	1,731	1,734	1,731	1,731
Public Drinking Water Systems/Percent with Microbiological Standards	622/98%	627/98%	627/98%	627/98%
Public Drinking Water Systems/Percent with Chemical, Radiological, and Turbidity Standards	621/97%	629/98%	630/98%	630/98%
Public Drinking Water Systems/Percent with Microbiological Monitoring and Reporting Requirements	586/92%	603/94%	605/94%	607/95%
Public Drinking Water System Waterborne Outbreaks	0	0	0	0
Public Drinking Water Systems Required to Add Fluoride	60	60	60	60
Public Drinking Water Systems with Flouridation Exemption	27	27	27	27
Sanitary Surveys of Public Drinking Water Systems	190	173	190	190
Certified Drinking Water and Wastewater	1,470	1,457	1,480	1,480

	ACTUAL FY 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>PERFORMANCE INDICATORS</b>				
Operators				
Plans and Specs Approved for Public Drinking Water Systems	88	111	115	120
Compliance Rate for Consumer Confidence	100%	100%	100%	100%
Number of Capacity Development Reviews	20	16	20	20
Percentage of Major Wastewater Facilities in Significant Compliance with State Requirements	96%	100%	100%	100%
Wastewater Point Source Permits Renewed or Issuances	157	45	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	80	80	80
Municipal Separate Storm Sewer System (MS4s) Audits	1	0	2	2
Wastewater Permit File Evaluations	69	32	41	52
Wastewater Compliance Audits	114	70	79	114
Pretreatment Industrial Users Permitted	33	34	35	35
Biosolids Generators Permitted	25	23	24	25
Biosolids Generators Inspected	2	4	10	11
Industrial Pretreatment Inspections	31	29	35	35
Municipal Pretreatment Compliance Inspections	6	2	5	5
Municipal Pretreatment Audits	1	2	2	2
Environmental Reviews for Construction Projects	187	186	187	187
Review and Revise Surface Water Quality Standards	Yes	Yes	Yes	Yes
Water Resource Enhancement Approvals	5	2	3	3
Use Attainability Analyses of Streams	33	21	20	20
Recreational Use Assessment of Streams	40	43	40	40
Lake Acreage Supporting Uses	19%	15.7%	15.7%	18%
Stream Miles Supporting Uses	21%	26.5%	26.5%	28%
401 Water Quality Certifications	16	17	19	18
Plans and Specifications Reviewed and Approved for Septic Systems	207	221	200	200
On-Site Wastewater System Installers Certified Annually	150	152	150	150
Total On-Site Wastewater System Installers Certified	772	727	730	730
Number of Improperly Installed Onsite Waste Water Systems by Certified Installers	2	0	2	2
Application Approvals for New, Renewal, Expanding, and Modifications to Existing Animal Feeding Operations Under General Water Pollution Control Permit	123	114	140	140
Operations required by County to get DENR approval of a Nutrient Management Plan or P&S, a Certificate of Compliance, or permit coverage.	4	20	20	20
Public Notice of New and Expanding Animal Feeding Operations Application	20	31	30	30
Total Animal Feeding Operations Permitted Under Feedlot Permit	430	440	450	460
Construction Inspections of Newly Built Manure Management Systems	41	49	45	45
Operational Inspections of Permitted Animal Feeding Operations	173	145	324	336
Animal Feeding Operations Subject to Permit Fee	453	467	479	493
Training and Education Sessions for Operators of Animal Feeding Operations, Local Government Officials, and General Public	10	13	10	10
Number of Attendees at Environmental Training for Livestock Producers	295	496	400	400
Feedlot Complaint Inspections	19	12	19	19
Revised Nutrient Management Plan Approvals	138	87	100	100
Number of manure discharges to state waters	1	3	1	1
CAFO Compliance Rate	99.8%	99.3%	99.8%	99.8%
Plans and Specifications Approvals for Wastewater Facilities	80	70	80	80
Approvals for Addendum to Plans and	5	3	5	5

	ACTUAL FY 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>PERFORMANCE INDICATORS</b>				
Specifications for Wastewater Facilities				
Small Air Emission Sources Regulated by Rule	1,327	1,371	1,390	1,400
New and Construction Air Quality Permits Issued	91	99	100	100
Existing Air Quality Permits Renewed or Modified	55	42	50	50
Backlog of New or Modified Air Permits	4	2	0	0
New or Expanding Industries				
Ave. Number of Days to Issue New or Modified Air Permits	63	56	<90	<90
Total Number of General Air Quality Permits	10	10	10	10
Facilities Permitted Under Air Quality General Permits	448	458	460	460
Air Quality Inspections	198	193	180	180
Compliance Rate of Air Quality Inspections	100%	99%	>95%	>95%
Monitor and Audit Performance Tests of Air Emissions and Review Results	50	51	50	50
Statewide Inventory of All Air Pollution Sources	1	1	1	1
Provide Technical Indoor Air and Radon Assistance	92	120	95	95
Provide Radon webpage with general information EPA contact information	Yes	Yes	Yes	Yes
Total Air Quality Samples Collected (PM Manual)	1,121	1,114	1,123	1,114
Percentage of Air Quality Samples Meeting Sampling Requirements (Manual)	98%	99%	>90%	>90%
Percentage of Air Quality Samples Meeting Sampling Requirements (Continuous)	94%	98%	>90%	>90%
PM Concentrations from Air Quality Samplers Greater than Federal Air Quality Standards	1	12	0	0
Ozone Concentrations from Air Quality Samplers Greater than Fed Air Quality Standards	0	6	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 -Clean Diesel Grant	6	7	9	21
Clean Diesel Grant Dollars Paid for Replacements	\$118,833	\$138,231	\$206,201	\$431,249
Number of Older Diesel Engines Replaced - VW Funds	0	0	0	26
VW Fund Dollars Paid for Replacements	\$0	\$0	\$0	\$825,000
New Mine Licenses Issued for Sand and Gravel	17	0	17	0
Active Sand and Gravel Mine Licenses	522	522	522	522
Compliance Rate - Sand and Gravel Mine	97%	98%	97%	97%
Bond Held for Sand and Gravel Mine Licenses	\$2,946,672	\$2,949,692	\$2,949,692	\$2,949,692
Mined Acres Reclaimed During the Year Under and Gravel Mine Licenses	780	813	813	813
Acres in Compliance - Sand and Gravel Mine Licenses	21,962	22,173	22,173	22,173
Tons of Sand, Gravel, and Rock Produced	22,890,036	22,080,887	22,080,887	22,080,887
Inspections Conducted - Sand and Gravel Mine Licenses	277	240	240	240
Licensed Mine Sites reclaimed/Released of Liability	85	58	58	58
Licensed Mine Sites - Reclamation Bond Forfeited	28	0	0	0
New Exploration Notices of Intent Issued	3	2	3	2
Exploration Notices of Intent Reclaimed/Released of Liability	0	0	0	3
Active Exploration Notices of Intent	39	39	42	41
Exploration Notices of Intent - Reclamation Bond Forfeited	0	1	0	0
Bond Held for Exploration Reclamation	\$145,550	\$157,050	\$172,050	\$157,850
Inspections Conducted - Exploration	20	34	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

	ACTUAL FY 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>PERFORMANCE INDICATORS</b>				
Contested Gold and Other Mine Permits Upheld	0	0	0	1
Uncontested Gold and Other Mine Permits approved by the Department	3	1	4	2
Total Gold and Other Mine Permits Issued	3	1	4	3
Gold and Other Mine Sites Relaimed/Released of Liability	0	0	0	0
Mine Permit Amendments Issued	0	0	1	1
Technical Revisions to Mine Permits Issued	4	7	5	5
Bond Held for Mine Permits	\$152,044,873	\$159,566,365	\$163,125,195	\$166,848,482
Spill Bonds Held for Mine Permits	\$649,700	\$669,200	\$688,200	\$707,200
Mined Acres Reclaimed During the Year - Mine Permits	137	41	185	76
Acres in Compliance - Mine Permits	3,455	3,419	3,529	3,586
Compliance Rate for Acres Mined Under Gold and Other Mine Permits	93%	92%	93%	93%
Gold Mine Environmental Audits	3	3	3	3
Inspections Conducted - Mine Permits	227	219	219	219
Ounces of Gold Produced - Calendar Year	109,175	95,372	85,000	85,000
Value of Gold Produced - Calendar Year	\$136,549,540	\$119,894,049	\$110,000,000	\$110,000,000
New Drilling Permits Issued for Oil and Gas	2	10	10	10
Average Number of Days to Issue Oil & Gas Permit	5	9	<14	<14
Gas Fields	3	3	3	3
Oil Fields	29	29	29	29
Estimated Value of Gas/Oil Produced	\$58,754,000	\$68,590,000	\$68,590,000	\$68,590,000
Oil Produced (Thousands of 42 gallon barrels)	1,337	1,287 (Est.)	1,287	1,287
Marketed Gas Produced (Millions of Cubic Feet)	266	233 (Est.)	233	233
Oil and Gas Wells Plugged	3	5	5	5
Oil and Gas Sites Reclaimed/Released of Liability	3	3	3	3
Oil and Gas Sites-Reclamation Bond Forfeited	1	0	1	0
Bond Held for Oil and Gas Wells	\$1,311,000	\$1,181,000	\$1,181,000	\$1,181,000
Inspections Conducted - Oil and Gas	370	307	307	307
Contested Oil and Gas Cases Require Board	1	0	1	1
Contested Oil and Gas Cases Upheld	1	0	1	1
Uncontested Oil and Gas Cases Approved by the Secretary	0	4	4	4
Notices of Recommendation Issued for Oil & Gas	1	4	4	4
Total Mine Sites Reclaimed	88	61	61	61
Reclamation Liability Released (Percentage of Sites where Liability Released vs. Sites where Reclamation Bond Forfeited)	75%	98%	98%	98%
Hazardous Waste Generator Inspections	91	69	75	75
Compliance Rate of Hazardous Waste Generators Inspected	91%	97%	95%	95%
Percent of Hazardous Waste Generators Returned to Compliance within Required Time Frame	100%	100%	100%	100%
Hazardous Waste Generator Determination Inspections	34	14	22	22
Follow-Up to Citizen Complaints About Hazardous Waste	9	9	10	10
Notification of Hazardous Waste Activity	106	89	100	95
Hazardous Waste Transportation Document Corrections	0	1	2	2
Number of Hazardous Waste Generators Assisted Completing Biennial Hazardous Waste Reports	0	37	0	40
Educational Institutions and Businesses Assisted on Proper Disposal of Wastes	116	110	110	110
Disseminate Hazardous Waste Minimization Information	91	69	75	75
Permitted Hazardous Waste Sites	2	2	2	2
Hazardous Waste Permit Modifications	4	1	2	2
Amendments Made to Hazardous Waste Rules to Comply with Federal Regulations	No		No	
Submit Annual Hazardous Waste Authorization Application	No		Yes	
Certified Asbestos Workers	337	401	370	370
Conduct Audit of Asbestos Abatement Training Courses	4	4	4	4
Asbestos Notifications Processed	201	209	225	225
Asbestos Inspections	31	29	35	35



	ACTUAL FY 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>PERFORMANCE INDICATORS</b>				
Compliance Rate of Asbestos Facilities Inspected	84%	79%	85%	85%
Provide Technical Assistance on Asbestos	501	509	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	1
Type II, III (Between 500 and 150,000 Tons/Year)	19	14	22	12
Type IV (Less than 500 Tons/Year)	16	12	20	18
General Permit Authorizations	17	20	21	10
Solid Waste Plans and Specifications Approvals	6	6	6	6
Solid Waste Facilities Closed	2	3	3	3
Solid Waste Facility Inspections:				
Type I (>150,000 Tons/Year)	8	7	7	7
Type II, III (Between 500 and 150,000 Tons/Year)	64	72	64	64
Type IV (less than 500 tons/year)	58	51	48	48
General Permit Authorization	67	62	61	61
Other Inspections		103	100	100
Compliance Rate for Solid Waste Inspections	95%	94%	95%	95%
Solid Waste Complaints Investigated	40	33	40	40
New Water Right Permits Issued	88	115	110	110
Water Right Permit Cancellations	39	40	50	50
Deferred Water Right Applications	11	11	10	10
Water Right Permit Investigations	141	67	200	250
Water Right Licenses Issued	180	115	200	250
Water Right Complaint Investigations	40	32	40	40
Daily Stream Flow Measuring Stations	48	48	48	48
Water Well Drillers Licensed	135	136	140	140
Well Pump Installers Licensed	30	30	35	35
Inspections of State-Owned Dams and Other High Hazard Dams	42	59	35	40
Total Number of Water Right Observation Wells	1,580	1,587	1,590	1,600
Observation Well Measurements	12,827	11,412	13,000	13,500
Observation Wells Repaired or Developed	278	307	310	310
Dry Draw Location Notices Recorded	73	31	50	50
Reported Surface Water Use for Irrigation (Acre-Feet -- Calendar Year)	102,093	112,000	110,000	115,000
Reported Groundwater Use for Irrigation (Acre-Feet -- Calendar Year)	201,152	218,000	200,000	210,000
Irrigation Questionnaires Mailed	3,830	3,855	3,900	3,950
Irrigation Questionnaire Violation Suspensions	4	9	10	10
Lake Level Measurements	277	301	302	302
Data Recorders for Measuring Water Levels in Observation Wells	17	6	6	6
Temporary Water Permits Issued	201	195	200	200
Transfer of Water Right Permit	92	111	120	125
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%

# 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 2017	ACTUAL FY 2018	BUDGETED FY 2019	REQUESTED FY 2020	GOVERNOR'S RECOMMENDED FY 2020	RECOMMENDED INC/(DEC) FY 2020
<b>FUNDING SOURCE:</b>						
General Funds	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Federal Funds	0	0	0	0	0	0
Other Funds	449,105	338,263	1,750,001	1,750,001	1,750,001	0
<b>Total</b>	<b>\$ 449,105</b>	<b>\$ 338,263</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	\$ 41,254	\$ 89,017	\$ 0	\$ 0	\$ 0	\$ 0
Operating Expenses	407,851	249,246	1,750,001	1,750,001	1,750,001	0
<b>Total</b>	<b>\$ 449,105</b>	<b>\$ 338,263</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>0.2</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

	ACTUAL FY 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>REVENUES</b>				
Penalties and Reimbursements	2,000	63,486	61,561	61,561
Investment Council Interest	62,810	56,069	55,000	55,000
<b>Total</b>	<b>64,810</b>	<b>119,555</b>	<b>116,561</b>	<b>116,561</b>

<b>PERFORMANCE INDICATORS</b>				
Brohm Match	\$131,905	\$119,549	0	0
L & J Wolf Federal #1 Oil Well	0	\$1,616	0	0
Lust Trust Subaccount Expenditures				
Gregory Flower Garden	\$3,960	\$9,225	0	0
Hill City Dieterle	\$26,186	\$12,132	0	0
Aberdeen Kline St. Project	\$2,424	\$4,872	0	0
Aberdeen 6th St Vapors	\$6,135	\$8,897	0	0
Baltic Service	\$38,882	0	0	0
Bison	\$3,116	\$17,278	0	0
Colman Street Project	\$26,334	\$3,383	0	0
Huron Center Plaza	\$3,550	0	0	0
Milbank Highway 12 Project	\$3,974	\$6,607	0	0
Stanley Co. School	\$4,093	\$1,735	0	0
Trailside	\$11,993	0	0	0
Wagner Street Project	\$7,523	0	0	0
Kadoka Campground	0	\$16,720	0	0
Wakonda Street Project	0	\$16,164	0	0
Custer BH Taco	0	\$822	0	0
Corn Palace	0	\$3,008	0	0
Miller Street Project	0	\$5,293	0	0
Midland Street Project	0	\$3,790	0	0
Kadoka Abandoned Well	0	\$1,860		
Budgeted Capacity to Match EPA Superfund	0	0	\$1,750,001	\$1,750,001
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 2017	ACTUAL FY 2018	BUDGETED FY 2019	REQUESTED FY 2020	GOVERNOR'S RECOMMENDED FY 2020	RECOMMENDED INC/(DEC) FY 2020
<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 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>REVENUES</b>				
Investment Council Interest	17,766	16,675	16,500	16,500
Penalties and Reimbursements	18,855	24,286	24,338	24,338
<b>Total</b>	<b>36,621</b>	<b>40,961</b>	<b>40,838</b>	<b>40,838</b>
<b>PERFORMANCE INDICATORS</b>				
Budgeted Capacity to Respond to Cleanups Needed To Protect Public Health and the Environment.	\$765,000	\$765,000	\$765,000	0

# 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 2017	ACTUAL FY 2018	BUDGETED FY 2019	REQUESTED FY 2020	GOVERNOR'S RECOMMENDED FY 2020	RECOMMENDED INC/(DEC) FY 2020
<b>FUNDING SOURCE:</b>						
General Funds	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Federal Funds	0	0	0	0	0	0
Other Funds	441,062	434,733	489,480	489,480	489,480	0
<b>Total</b>	<b>\$ 441,062</b>	<b>\$ 434,733</b>	<b>\$ 489,480</b>	<b>\$ 489,480</b>	<b>\$ 489,480</b>	<b>\$ 0</b>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 379,561	\$ 377,203	\$ 418,374	\$ 418,374	\$ 418,374	\$ 0
Operating Expenses	61,501	57,530	71,106	71,106	71,106	0
<b>Total</b>	<b>\$ 441,062</b>	<b>\$ 434,733</b>	<b>\$ 489,480</b>	<b>\$ 489,480</b>	<b>\$ 489,480</b>	<b>\$ 0</b>
Staffing Level FTE:	5.0	4.6	5.0	5.0	5.0	0.0

	ACTUAL FY 2017	ACTUAL FY 2018	ESTIMATED FY 2019	ESTIMATED FY 2020
<b>REVENUES</b>				
Deposited to Petroleum Release Comp Fund:				
Petroleum Tank Inspection Fee	1,824,457	1,821,201	3,425,000	3,255,000
Interest	69,591	38,894	48,000	72,000
<b>Total</b>	<b>1,894,048</b>	<b>1,860,095</b>	<b>3,473,000</b>	<b>3,327,000</b>

### PERFORMANCE INDICATORS

Petroleum Release Program				
Cases Initiated	42	30	50	60
Claims Processed and Amount Paid	27/\$583,109	28/\$177,030	35/\$500,000	30/\$300,000
Abandoned Tank Program				
Abandoned Tank Sites Initiated	45	39	40	40
Abandoned Tank Sites Completed	50	25	30	30
Tanks Removed at Abandoned Tank Sites	62	37	40	40
Claims Processed and Amounts Paid	93/\$217,671	119/\$374,260	100/\$300,000	100/\$300,000
Responsible Parties Reimbursed	65	84	75	75
Review Contracts and Corrective Action Plans	58	60	100	120
Board Meetings	1	3	2	2
Annual Insurance Meeting	Yes	Yes	Yes	Yes
Annual Report to Governor & Legislature	Yes	Yes	Yes	Yes
Claims Closed	112	72	80	90
Cost Recovery Action	Yes	Yes	Yes	Yes
Owners/Operators Trained	144	145	145	145

## 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 2017	ACTUAL FY 2018	BUDGETED FY 2019	REQUESTED FY 2020	GOVERNOR'S RECOMMENDED FY 2020	RECOMMENDED INC/(DEC) FY 2020
<b>FUNDING SOURCE:</b>						
General Funds	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Federal Funds	0	0	0	0	0	0
Other Funds	867,110	624,648	2,100,000	2,100,000	2,100,000	0
<b>Total</b>	<b>\$ 867,110</b>	<b>\$ 624,648</b>	<b>\$ 2,100,000</b>	<b>\$ 2,100,000</b>	<b>\$ 2,100,000</b>	<b>\$ 0</b>
<b>EXPENDITURE DETAIL:</b>						
Personal Services	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
Operating Expenses	867,110	624,648	2,100,000	2,100,000	2,100,000	0
<b>Total</b>	<b>\$ 867,110</b>	<b>\$ 624,648</b>	<b>\$ 2,100,000</b>	<b>\$ 2,100,000</b>	<b>\$ 2,100,000</b>	<b>\$ 0</b>
Staffing Level FTE:	0.0	0.0	0.0	0.0	0.0	0.0