

DENR's Executive Performance Summary - "Outcomes & Metrics to Measure Success"

<u>Outcomes</u>	<u>Background Statement</u>	<u>How to Measure Success</u> Goals yellow highlighted	<u>Dashboard for FY16-17</u> Performance yellow highlighted
1. Public Health Protected 	DENR regulates two substances that have direct impacts on public health because everyone takes them into their body every day – the water we drink and the air we breathe.	No public health outbreaks caused by poor drinking water or poor air quality. 	2016 Public Health Outbreaks Number due to drinking water 0 Number due to air quality 0 2017 Public Health Outbreaks Number due to drinking water 0 Number due to air quality 0
2. Air and Water Quality Protected 	DENR establishes air and surface water quality standards that must meet federal criteria and be approved by EPA, and then operates air and water quality monitoring networks to collect samples that verify whether the standards are being met or not.	100% of the state meets national air quality standards and DENR completes the biennial Integrated Water Quality Report which uses EPA methodology to compare all water quality data collected in the state against water quality standards and filed every two years with EPA.	2016 Air and Water Quality Metrics Air quality in attainment 100% 2014 Integrated Report filed 03/27/2014 *Lake acreage supporting uses 44% *Stream miles supporting uses 30% 2017 Air and Water Quality Metrics Air quality in attainment 100% 2016 Integrated Report filed 08/25/2016 *Lake acreage supporting uses 19% *Stream miles supporting uses 21% *due to ever more stringent standards
3. Pollution Prevention 	It is better to be proactive and prevent pollution than to have to be reactive and clean it up or seek other remedies. 	100% of the federal EPA 319 money is obligated each year to prevent nonpoint source water pollution in watershed projects and 100% of old abandoned underground tanks are pulled to prevent groundwater pollution.	2016 Pollution Prevention Metrics EPA 319 money obligated \$1,864,000 EPA 319 money obligated 100% Abandoned tanks reported 76 Abandoned tanks pulled 100% 2017 Pollution Prevention Metrics EPA 319 money obligated \$1,864,000 EPA 319 money obligated 100% Abandoned tanks reported 62 Abandoned tanks pulled 100%
4. Cleanup of Mined Lands and Spills 	Lands disturbed by mining activities and spills can pose public health hazards and be sources of pollution to the air, land, and water. 	90% of reclamation liabilities are released for reclaimed mines and 90% of all cumulative spills are cleaned up and closed out with no further action needed	2016 Cleanup Metrics Mine sites reclaimed 89 Reclamation liability released 100% Spills reported in 2015 264 Cumulative spills closed out 96% 2017 Cleanup Metrics Mine sites reclaimed 88 Reclamation liability released 75% Spills reported in 2016 207 Cumulative spills closed out 96%
5. Adequate and Affordable Publicly Owned Environmental Infrastructure  	Adequate and affordable publicly owned environmental infrastructure – drinking water, wastewater, and waste disposal systems – is critical to protecting public health and the environment plus it lays a solid foundation for future economic growth. But many systems in South Dakota have small customer bases and cannot pay for upgrades even with household water and sewer rates in the \$45 to \$50 per month range for community water systems and \$100 to \$120 per month range for rural or regional systems, so they need financial assistance.	90% of State Water Plan project applications are funded using grants and low interest loans from state Water and Environment Fund and EPA State Revolving Fund financial assistance programs to provide environmental infrastructure upgrades and expansions. 	2016 Infrastructure Awards State Consolidated \$7,500,000 State Water Resource \$3,000,000 State Solid Waste \$1,960,000 EPA Revolving Loans \$56,900,000 Small Community Plan \$181,000 Water Quality Grants \$5,440,000 Total dollars awarded \$74,981,000 Project applications funded 44/98% 2017 Infrastructure Awards State Consolidated \$10,100,000 State Water Resource \$550,000 State Solid Waste \$2,740,000 EPA Revolving Loans \$104,900,000 Small Community Plan \$160,000 Water Quality Grants \$1,030,000 Total dollars awarded \$119,480,000 Project applications funded 44/100%
6. Environmental and Business Friendly Climates Maintained   	To operate in South Dakota and be a good neighbor, businesses need to know the rules; environmental permits are the roadmaps to state requirements for protecting public health and the environment.	100% of contested environmental permits are upheld by the appropriate permit issuing authority, state board, or court which confirms that DENR has drafted the permits to be technically correct and legally defensible	2016 Permits Issued by DENR Air Quality permits 80 Feedlot Permits 30 Ground Water Discharge 5 Mine permits 0 Oil and Gas Board Orders 2 Surface Water Discharge permits 52 Underground Injection Control 0 Waste Management permits 27 Water Right permits 101 Total 297 Contested permits 12 or 4% Contested permits upheld 100% 2017 Permits Issued by DENR Air Quality permits 79 Feedlot Permits 20 Ground Water Discharge 4 Mine permits 3 Oil and Gas Board Orders 1 Surface Water Discharge permits 157 Underground Injection Control 1 Waste Management permits 26 Water Right permits 88 Total 379 Contested permits 7 or 2% Contested permits upheld 100%