## Outcomes

### 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.

**Background Statement**
No public health outbreaks caused by poor drinking water or poor air quality.

**How to Measure Success**
- Goals yellow highlighted

**Dashboard for FY16-17 Performance yellow highlighted**
- 2016 Public Health Outbreaks
  - Number due to drinking water
  - Number due to air quality
- 2017 Public Health Outbreaks
  - Number due to drinking water
  - Number due to air quality

### 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.

**Background Statement**
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.

**How to Measure Success**
- 2016 Air and Water Quality Metrics
  - Air quality in attainment
  - 2014 Integrated Report filed
  - *Lake acreage supporting uses
  - Stream miles supporting uses
  - 2017 Air and Water Quality Metrics
  - Air quality in attainment
  - 2016 Integrated Report filed
  - *Lake acreage supporting uses
  - Stream miles supporting uses
  - 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.

**Background Statement**
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.

**How to Measure Success**
- 2016 Pollution Prevention Metrics
  - EPA 319 money obligated
  - Abandoned tanks reported
  - Abandoned tanks pulled
  - 2017 Pollution Prevention Metrics
  - EPA 319 money obligated
  - Abandoned tanks reported
  - Abandoned tanks pulled

### 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.

**Background Statement**
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.

**How to Measure Success**
- 2016 Cleanup Metrics
  - Mine sites reclaimed
  - Reclamation liability released
  - Spills reported in 2015
  - Cumulative spills closed out
  - 2017 Cleanup Metrics
  - Mine sites reclaimed
  - Reclamation liability released
  - Spills reported in 2016
  - Cumulative spills closed out

### 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.

**Background Statement**
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.

**How to Measure Success**
- 2016 Infrastructure Awards
  - State Consolidated
  - State Water Resource
  - State Solid Waste
  - EPA Revolving Loans
  - Small Community Plan
  - Water Quality Grants
  - Total dollars awarded
  - Project applications funded
  - 2017 Infrastructure Awards
  - State Consolidated
  - State Water Resource
  - State Solid Waste
  - EPA Revolving Loans
  - Small Community Plan
  - Water Quality Grants
  - Total dollars awarded
  - Project applications funded

### 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.

**Background Statement**
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.

**How to Measure Success**
- 2016 Permits Issued by DENR
  - Air Quality permits
  - Feedlot Permits
  - Ground Water Discharge
  - Mine permits
  - Oil and Gas Board Orders
  - Surface Water Discharge permits
  - Underground Injection Control
  - Waste Management permits
  - Water Right permits
  - Total
  - Contested permits
  - Contested permits upheld
  - 2017 Permits Issued by DENR
  - Air Quality permits
  - Feedlot Permits
  - Ground Water Discharge
  - Mine permits
  - Oil and Gas Board Orders
  - Surface Water Discharge permits
  - Underground Injection Control
  - Waste Management permits
  - Water Right permits
  - Total
  - Contested permits
  - Contested permits upheld