OST Water Resources Department

2019 Activities
- Water Permits
- Water Code Revision
- Water Management Plans
- Uranium Mining issues
- USGS Projects
- Climate Change Plans
- Well Intel – Ground Water Monitoring
Water Permits 2019

• Scull Construction (3) service connections
• Wolf Creek School (3) OSRWSS - MRI
• Bituminous Paving Inc. – BIA # 41 Road Project
• Dillon Nelson – OLC / SDSMT Geothermal Project (well temperature measurements)
• OSLH – service connections
Revise Water Code to include:

- Treaty Water Rights in the Missouri River and all tributaries
- Include Mni Wiconi Water Project – Cooperative Agreement between the Oglala Sioux Tribe and Bureau of Reclamation as a reference
- Include Mni Wiconi Water Project – Final Engineering Report
- Include Trust responsibility of the US Government for the Oglala Sioux Tribe for perpetual easement and appurtenances of the Mni Wiconi Water Project, (Water Treatment Plant, Reservoirs/Towers, Booster Stations and water distribution system piping.
- Include the Oglala Sioux Tribe jurisdiction of the ownership of the Mni Wiconi Water Project
Water Management Plans

- Update the current Integrated Water Resource Management Plan with the Great Plains Tribal Water Alliance - BIA Grant
- Groundwater and Surface Water Projects with the USGS to include into IWRMP.
- Identify all OST Programs: (OST EPP, OST DWM&C, OST OSRWSS, OST Water & Sewer Program and Indian Health Service) that contribute to the IWRMP. Through all water of the Oglala Sioux Tribe, public water systems, private wells, creeks, lakes and streams and groundwater.
- Update programs that adhere and comply with the federal regulated laws with the Safe Drinking Water Act and Clean Water Act
- Start a data base Inventory of all wells on the Pine Ridge Reservation
Uranium Mining Issues

Update on Uranium Mining Issues with:

- Cameco Insitu Mining in Crawford NE
- Dewey Burdock Mining in Edgemont, SD and Black Hills
- Create sampling program with Oglala Sioux Tribe, Oglala Lakota College and South Dakota School of Mines for the White River and Cheyenne River
- Research water quality data with the Nebraska - Department of Environmental Quality and include into water resource management plan
- Keep Oglala Sioux Tribal Council and Standing Committees aware of uranium mining issues
- Participate in communication with federal agencies, state and corporate companies on the protection of water resources on the Pine Ridge Reservation
USGS Projects 2019

- Update 2019 USGS Projects for:
  - Streamflow Gaging Projects
  - Groundwater Flow Modeling Projects
- Status of USGS funding for 2019
- Status of USGS Reports to the Oglala Sioux Tribe
Climate Change Plans

• Update on Oglala Sioux Tribe Climate Change Plan

• Great Plains Tribal Water Alliance – BIA Grant

• Timeline of Climate Change Plan
Groundwater Monitoring

- Update on Well Intel (software) of well (5) sites on the Pine Ridge Reservation
- I need to continue on with this project in 2019
- Waiting on Laptop for well downloading
- Share information for water resource management plan