



LOWER PLATTE NORTH Natural Resources District

Career Exploration Opportunities

Water Management

The NRD has a variety of programs to protect and conserve our water resources- both surface and groundwater. This department addresses concerns with groundwater quality and quantity throughout the district. Students would have opportunities to measure water levels and take water samples.

This opportunity would be ideal for students interested in environmental studies and science.

Operations & Maintenance

Through cooperative programs with landowners and communities, the NRD plants thousands of trees each year and helps establish wildlife habitats. This department works with dam structures, recreation areas, and forestry needs throughout the district. Students would have opportunities to participate in dam inspections and see the components of recreation management.

This opportunity would be ideal for students interested in environmental studies and mechanics.

Projects

The NRD is involved in several large-scale, multi-purpose projects to improve area watersheds, involving environmental restoration, flood control, and other components. To promote soil and water conservation, the NRD offers cooperative programs for landowners to establish terraces, buffer strips, small dams, and other conservation practices. Students will have the opportunity to learn more about land conservation practices and the impact on farming and soil & water conservation.

This opportunity would be ideal for students interested in environmental studies, agriculture, and engineering.

Geographic Information System

The NRD uses GIS technology, a powerful tool for computer mapping and analysis, to develop a variety of geographic data relating to natural resources. GIS technology allows for the capture, storage, display, manipulation, and output of spatially referenced data. Students will have the opportunity to explore the impact of mapping and technology on conservation.

This opportunity would be ideal for students interested in environmental students, geography, and technology.

Information & Education

The NRD works with schools and afterschool programs to provide environmental education programs and activities. This department is responsible for the marketing and public relations efforts of the district. Students will have the opportunity to interact with youth during activities and explore marketing and PR projects.

This opportunity is ideal for students interested in environmental studies, communication, marketing, public relations, and education.

Rural Water

Smaller communities face challenges in maintaining public water systems due to increasing pressure on water supplies and more stringent Federal regulations. The NRD constructed and operates two rural water systems linking Bruno to David City and Colon to Wahoo. Students would have opportunities to read water meters, test water samples, and learn about billings processes.

This opportunity is ideal for students interested in environmental studies, business, science, and mechanics.

Administration

The Administration department of the NRD handles issues relating to management, human resources, personnel, budget management, partnership development, and grant coordination. Students will have the opportunity to explore multiple areas of administrative management.

This opportunity is ideal for students interested in environmental studies, communication, business, politics, human resources, and management.

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