

NID Regional Water Supply Project

Fast Facts

1. The first phase of the regional water project will be capable of processing at least 10 million-gallons-per-day (mgd) with an anticipated ultimate expansion capacity of 40 mgd.
2. Proposed project facilities would include miles of raw water pipeline, improvements on the Camp Far West Canal, a raw water storage reservoir, accommodations for an emergency raw water supply, two incidental hydroelectric power plants, a water treatment plant, onsite treated water storage, four miles of treated water mainlines and a metering station located at the Lincoln City limits.
3. The City of Lincoln's water supply currently includes groundwater from City owned wells, and surface water purchased from Placer County Water Agency. Ultimate demand within the City is projected to be 55,000 acre-feet at buildout.
4. The City plans to utilize water from a number of sources to meet water demands including:
 - a. 34,000 acre-ft from PCWA
 - b. 11,790 acre-ft from NID
 - c. 5,300 acre-ft from groundwater wells
 - d. 2,000 acre-ft from raw water (creeks and canals)
 - e. 2,000 acre-ft from tertiary treated effluent from the City's water reclamation facility
5. The proposed regional water supply project will provide the City a third independent source of water to ensure there is adequate supply and increase the reliability of the system.
6. NID was originally formed in 1921 and is based in Grass Valley, Calif. NID supplies treated drinking water to 18,800 homes, schools and businesses located in Nevada, Placer and Yuba counties. The district's extensive canal system, some of which dates to the Gold Rush, supplies irrigation water to another 5500 homes, farms and ranches. www.nidwater.com.
7. NID has supplied irrigation water to the Lincoln area since 1926, when a 66,500-acre section of Placer County stretching from North Auburn to Lincoln applied for annexation into the irrigation district.

8. Project “Planning” tasks include public consultation, updating and refining water demands, developing a project needs and objectives statement, identifying project alternatives, pre-design, and compliance with the California Environmental Quality Act (CEQA).
9. “Predesign” tasks include: engineering analysis and development of design criteria, sizing and layout of the entire project through build out, including raw and treated water pipelines, raw water storage, treatment plant, metering stations and hydroelectric facilities.
10. “Environmental” work associated with the project includes constraint analyses and preparation of an Environmental Impact Report (EIR) to disclose those which are unavoidable.
11. If built, the water treatment plant would become NID’s eighth plant. NID operates plants in Nevada County including: Loma Rica, Elizabeth George, Lake Wildwood, Lake of the Pines and Cascade Shores, as well as the Smartville plant in Yuba County and the North Auburn plant in Placer County.
12. ECO:LOGIC Engineering of Rocklin will perform planning, environmental and pre-design work. Jones & Stokes of Sacramento will provide specialized assistance with the environmental work associated with this project.
13. NID and the City participated in a joint study to develop a conceptual plan and identify potential sites for the facilities. Results of that Study are included on the NID web page in the Lincoln Area Water Treatment Plant Planning and Site Study (September, 2005) and is available at the District’s web site - <http://www.nidwater.com/projects.cfm>