



## CLE ELUM, WASHINGTON DESIGN-BUILD-OPERATE N.A. WATER SYSTEMS, A VEOLIA WATER SOLUTIONS & TECHNOLOGIES COMPANY

The City of Cle Elum's wastewater treatment plant lacked the capacity to support the region's growth. Suncadia, Inc. had plans to develop a resort that would include up to 3,785 residential units and a hotel. The city and Suncadia developed a plan to build the 3.6 MGD, \$20 million facility to address the resort's growth and subsequent growth in three neighboring communities. An additional \$4 million was spent on related projects to connect the three neighboring communities to the new wastewater treatment facility.

Developer Suncadia, Inc. was responsible for building the wastewater treatment plant that would be owned by the city. Suncadia, Inc. chose N.A. Water Systems, a Veolia Water Solutions & Technologies Company (Veolia Water S&T) to design, build, and operate (DBO) the new wastewater treatment facility, and operate and maintain the city's existing facility during construction of the new facility.

Veolia Water S&T performed the design-build work scope.

The infrastructure upgrade replaced a lagoon sewage treatment plant with a sequencing batch reactor (SBR) technology and sufficient capacity to serve the new development as well as the three communities in the region. The facility is owned by Cle Elum and operated by Veolia Water S&T under a ten-year contract. The project scope included facility startup and acceptance testing, operator training, development of operations and maintenance manuals, landscaping and beautification, transitioning the new facility to the city, decommissioning the existing facility, and providing regulatory interface.

The project was completed on budget and saved more than \$3 million over the original design. In addition, the project was completed four months ahead of schedule with a zero-lost-time accident record. Finally, all staff from the original decommissioned facility were trained and retained to operate the new facility.

