

WELCOME TO IVGID: Ready When U R

INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT PUBLIC WORKS DEPARTMENT

provides water, sewer, and trash services to the residential and commercial properties of Incline Village and South Lake Tahoe. We also provide Fleet, Engineering, and Maintenance, snow removal and Best Management Practices (BMP) maintenance services to our internal customers - Golf, Ski, Recreation, and Administration. The trash services are provided by Waste Management through a franchise agreement.

It is our greatest responsibility to provide clean and safe drinking water to all of our residents and visitors. The practice of disinfecting drinking water has been largely considered one of the most significant advances in public health and the prevention of waterborne diseases in the United States is almost non-existent now. The Nevada Department of Environmental Protection (NDEP) is our most important customer because they regulate our drinking water through authority by the Environmental Protection Agency (EPA) and under the Safe Drinking Water Act and its amendments.

The collection and treatment of wastewater is equally important in protecting the public health and safety of our residents and visitors. It is also a higher level of responsibility because we are located in the Lake Tahoe Basin. Any water spills of any kind are not acceptable and our facilities must have sufficient redundancy and emergency back-up to insure no wastewater is discharged into the environment. The District also operates and maintains its complex sewer export system to send all of our treated wastewater out of the Lake Tahoe Basin to meet the District regulatory requirements. The NDEP is the regulating authority for IVGID for the collection and treatment of wastewater under the Clean Water Act and its amendments.

The Public Works Department takes the responsibility of providing clean and safe

drinking water and collecting and treating sewage very seriously and is evidenced by our highly skilled staff, well maintained infrastructure, excellent customer service and our secure financial position. It is the employees that make the difference and the high performance culture has been carried forward through changes in staff and leadership.

In the Public Works Business Plan, the reader is provided with a history of Public Works, introduction to its leadership staff, discussion of the customer base, provided an overview of the assets and operating divisions in Public Works, discussion of the regulations that govern us, discussion of the benchmarks and performance indicators, discussion of the utility rates, highlights of the key capital improvements and includes a strengths, weakness, challenges and opportunities analysis.

The most important projects in the Capital Improvement Plan (CIP), over the next five years, are Phase II of the Effluent Export Project and the upgrades to the Burnt Cedar Water Disinfection Plant to meet new regulatory requirements. The Effluent Export Project started in 2003 with a planned completion date in 2011 to replace six miles of pipeline, make upgrades to the Spooner Pumping Station, and convert two State Parks wastewater plants into raw wastewater pumping stations and install a new forcemain to deliver that wastewater to the District. Through 2010 a total of six miles of pipeline have been installed and the work for State Parks has been completed. A total of \$18 million has been spent and the final project is expected to cost \$21 million. An additional \$3 million will be spent over the next twelve to eighteen months to complete the original scope of work by finishing the Spooner Pumping Station Project.

Phase II will replace the remaining six miles of aging pipeline within the Lake Tahoe

basin. The six miles of pipeline is comprised of approximately 17,300 lineal feet of welded, cement mortar lined, high pressure pipe and 13,700 lineal feet of bell and spigot, cement mortar lined, low pressure steel pipe. This pipeline experienced a significant leak in 2009. Subsequent investigations confirmed progressive corrosion of this pipeline that necessitates replacement.

The Federal Government passed the Long Term 2 Enhanced Surface Water Treatment Rule in 2006 which requires enhanced disinfection to provide additional protection from disease-causing microorganisms and contaminants that can form during drinking water treatment. This is for water systems that use surface water as their raw water supply. The rule requires that IVGID add a second disinfection process by 2013. The CIP has included the installation of a ultra violet (UV) disinfection system to be added to the water treatment plant and the replacement of the ozone disinfection equipment that was installed in 1995. This project is currently in the design phase that will prepare final construction documents for public bid in March 2011. The UV disinfection equipment and the ozone disinfection equipment have already been publicly bid and contracts were awarded.

In 2010, a rate study was presented to the Board that prepared the five year rate financial picture and the necessary rate increases to meet our operating and capital needs.

The District's water source is Lake Tahoe and is one the best water supplies in the world. However, this pristine source of drinking water is always threatened by activities and development in the watershed. One of Public Works biggest challenges is to protect our watershed so we can continue to maintain our special exemptions for our water treatment

system. The high cost of living in the Tahoe region will always represent a challenge in staffing, but we continue to offer a superior place to work to attract great employees. Washoe County has passed new regulations requiring the diversion of the solid waste stream to be completed within five years. This challenge will also increase our service to our customers and will also increase costs as well. Fleet contracts to provide excellent service but has outgrown some of its facilities. Buildings continue to require effort to identify all the infrastructure upgrades that are needed to keep our facilities in current serviceable condition.

The Public Works Department strives to provide excellent service and products. Under the leadership of Joseph Pomroy, P.E., in maintaining equitable and stable rates, this business plan will provide insight into our operation.



GENERAL IMPROVEMENT DISTRICT
ONE DISTRICT ~ ONE TEAM

IVGID is a general improvement district charged with providing water, sewer, trash and recreational services. It has a five member elected Board of Trustees and it holds open public meetings twice a month. It is a transparent entity whose mission is shown above. Did this help? - let us know at readywhenur@ivgid.com