

**Town of Valdese**  
**Lake Rhodhiss Wastewater Treatment Plant**  
**Annual Performance Report**  
**Fiscal Year July 2019 – June 2020**

The Town of Valdese operates the Lake Rhodhiss Wastewater Treatment Facility located on Lake Rhodhiss, part of the Catawba River Basin. The Lake Rhodhiss Treatment Plant operates under the NPDES (National Pollutant Discharge Elimination System) Permit. The Plant also operates under a Permit for the distribution of Class A Residuals. The Class A Residuals, also known as compost is given to the public free of charge.

**Lake Rhodhiss Wastewater Treatment Facility**  
2100 Lake Rhodhiss Drive  
Phone (828) 879-2131  
NPDES Permit # - NC0041696  
Class Residuals Permit # - WQ0001990

Operator in Responsible Charge: Chris Bortnick

This report is provided to meet the requirements of NC law (HB 1160). Copies are available at the Valdese Town Hall, the Lake Rhodhiss Wastewater Treatment Plant and on the Town of Valdese website <http://townofvaldese.com/pages/wastewater/>.

The Lake Rhodhiss Wastewater Treatment Plant treated and discharged a total of 830.8 million gallons of wastewater during the fiscal year, resulting in a decreased flow over the previous year. The average daily flow, for that time period, was 2.28 million gallons per day. Over 5000 samples were collected and analyzed during the fiscal year and all quarterly Whole Effluent Toxicity Tests were passed during the previous fiscal year. During the fiscal year, the Town of Valdese received a total of one violation, which is directly attributed to a rain event. The Town continues to pursue additional funding to address the issue of Inflow and Infiltration associated with significant rain events that cause dilemmas at the Lake Rhodhiss WWTP. There were no adverse effects to the environment as a result of this violation.

## Notice of Violations for 2019 – 2020 fiscal year

February 2020

- Effluent BOD – Weekly Average Exceeded due to heavy rain event.
- Effluent TSS – Weekly Average Exceeded due to heavy rain event.
- Effluent TSS – Monthly Average Exceeded due to heavy rain event.

<b>Lake Rhodhiss Wastewater Treatment Plant Summary of Wastewater Flows July 1, 2019 – June 30, 2020 All flows are expressed as million gallons (MG)</b>	
July 2019	82.7
August 2019	79.6
September 2019	51.9
October 2019	71.4
November 2019	69.6
December 2019	72.9
January 2020	76.5
February 2020	95.7
March 2020	57.7
April 2020	54.0
May 2020	72.9
June 2020	45.9
Total (MG)	830.8
Average Month (MG)	69.2
Average Day (MG)	2.28

**Town of Valdese Collection System**

100 Whisnant Street

PO Box 339

Phone (828) 879-2128

Coll. System Permit # WQCS00032

Operator in Responsible Charge: Greg Padgett

The Town of Valdese maintains approximately 50 miles of sewer and 5 pump stations. During the July 2019 to June 2020 period, there was one (1) reportable spill. There were no adverse effects to the environment due to the reported spill. Valdese continues to maintain sewer right of ways and inspect the collection system.

Spills: (1)

February 2020

Cline Street Pump Station

Over 5 inches of rain in 24-hr period; Inflow & Infiltration overloaded pump station capacity.

6000 gallons reached surface waters

Copies of this report are available at:

- Town Hall (102 Massel Ave SE)
- Lake Rhodhiss Wastewater Treatment Plant (2100 Lake Rhodhiss Drive)
- On the Town's website at [www.townofvaldese.com](http://www.townofvaldese.com)

For more detailed information, contact the Public Services Director, Greg Padgett at 828-879-2128 or [gpadgett@valdesenc.gov](mailto:gpadgett@valdesenc.gov)