

Town of Valdese
Lake Rhodhiss Wastewater Treatment Plant
Annual Performance Report
Fiscal Year July 2016 – June 2017

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: Greg Padgett

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 579.59 million gallons of wastewater during the fiscal year. That was a large decrease in flow over the previous years and resulted in an average daily flow of 1.59 million gallons per day. An Inflow / Infiltration project was completed which helped eliminate some rain water from entering the system. Over 5000 samples were collected and analyzed during the fiscal year. All quarterly Whole Effluent Toxicity Test were passed during the previous fiscal year. During the fiscal year the Town of Valdese received a total of nine violations. There was no adverse effect to the environment as a result of these violations.

Notice of Violations for 2016 – 2017 fiscal year

February 2017

Fecal Coliform	Weekly exceedance
Fecal Coliform	Weekly exceedance
Total Suspended Solids	Weekly exceedance
Total Suspended Solids	Weekly exceedance
Total Suspended Solids	Monthly exceedance

April 2017

Total Suspended Solids	Weekly exceedance
Total Suspended Solids	Weekly exceedance
Total Suspended Solids	Monthly exceedance

Also a spill at the plant due to a ruptured pipe

<p align="center">Lake Rhodhiss Wastewater Treatment Plant Summary of Wastewater Flows July 1, 2016 – June 30, 2017 All flows are expressed as million gallons (MG)</p>	
July 2016	53.01
August 2016	64.09
September 2016	48.14
October 2016	41.78
November 2016	40.39
December 2016	39.46
January 2017	48.71
February 2017	36.29
March 2017	38.65
April 2017	68.22
May 2017	49.63
June 2017	51.22
Total (MG)	579.59
Average Month (MG)	48.30
Average Day (MG)	1.59

Town of Valdese Collection System

100 Whisnant Street

PO Box 339

Phone (828) 879-2128

Coll. System Permit # WQCS00032

Operator in Responsible Charge: Bryan Duckworth

The Town of Valdese maintains approximately 50 miles of sewer and 5 pump stations. During the July 2016 to June 2017 period, there were two reportable spills. There was no adverse effect to the environment due to the reported spills. Valdese continues to maintain sewer right of ways and inspect the collection system.

Spills:

719 Thornwood manhole stopped up; due to debris

516 Roderet S pipe fracture; due to heavy equipment

Copies of this report are available at:

Town Hall at 102 Massel Ave SE

Lake Rhodhiss Wastewater Treatment Plant at 2100 Lake Rhodhiss Drive.

On the Town's website at www.townofvaldese.com

For more detailed information, contact the Water Resources Director, Greg Padgett at 828-879-2131 or gpadgett@valdesenc.gov