**Town of Valdese**

**Lake Rhodhiss Wastewater Treatment Plant**

**Annual Performance Report**

**Fiscal Year July 2021 – June 2022**

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 606.36 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 1.66 million gallons per day. Over 5000 samples were collected and analyzed during the fiscal year, with all quarterly Whole Effluent Toxicity Tests receiving passing results and overall, the Lake Rhodhiss WWTP has recorded full compliance with its’ NPDES permit.

**Notice of Violations for 2021 – 2022 fiscal year**

* **No Violations**

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| **Lake Rhodhiss Wastewater Treatment Plant**  **Summary of Wastewater Flows**  **July 1, 2021 – June 30, 2022**  **All flows are expressed as million gallons (MG)** | |
| July 2021 | 52.38 |
| August 2021 | 62.38 |
| September 2021 | 52.24 |
| October 2021 | 55.57 |
| November 2021 | 42.53 |
| December 2021 | 43.23 |
| January 2022 | 48.71 |
| February 2022 | 49.85 |
| March 2022 | 55.61 |
| April 2022 | 49.68 |
| May 2022 | 49.20 |
| June 2022 | 44.98 |
| Total (MG) | 606.36 |
| Average Month (MG) | 50.53 |
| Average Day (MG) | 1.66 |

**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 2021 to June 2022 period, there was (1) one reportable spill at the Cline St. pump station, related to In-flow & Infiltration from rain event. The spill was abated through the use of septic haulers and storm event ending. 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.

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 Water Utilities Director, Greg Padgett at 828-874-6789 or [gpadgett@valdesenc.gov](mailto:gpadgett@valdesenc.gov)