

**Town of Bryson City**  
**Annual Performance Report**

**I. General Information**

Facility System Name:	Town of Bryson City 315 Riverview Drive Swain County Permit Wastewater Treatment: NC0026557 Collections Permit: WQCS00170
Person in Charge:	Wastewater Plant ORC-Environmental, Inc. Collection System ORC-Travis McCall

**Description of System:**

Bryson City operates a 0.6 MGD wastewater treatment facility located at 315 Riverview Road southwest of Bryson City in Swain County. The treatment components include: mechanical bar screen, two contact stabilization treatment units consisting of influent pumping, reaeration zones, secondary clarifiers, sludge digester, belt press, sludge dry storage, chlorination, and dechlorination. Discharge from the treatment enters into the Tuckasegee River, a class B water within the Little Tennessee River Basin. The Town operates a sanitary sewer system composed of gravity sewer lines, constructed of various materials, including vitrified clay, PVC and ductile iron. Seven lift stations are presently operating within the collection system.

**II. Notice of Violations: Summary of System Performance from January 1, 2022-December 31, 2022**

**April 2022**

Sanitary Sewer Overflow (SSO) on April 20, 2022 at Greenlee Street and Island Street Intersection. The Town unclogged sewer service and replaced VCP in the service line with new PVC. Flushed the storm basin with fresh water.

**May 2022**

The North Carolina Division of Water Resources conducted an inspection of the Bryson City Collection System on May 3, 2022. The following violations were noted:

- 1) **Sewer and FOG Ordinances**-An enforceable FOG Ordinance that includes an enforceable Grease Trap Program had not been created.  
The Town's attorney is currently reviewing the new FOG Ordinance. After review, the board will adopt the ordinance.
- 2) **Reporting Requirements**-Wastewater Performance Reports have not been submitted annually. A report was completed and emailed to Lauren Armeni on 7/26/22 for Jan 2021-Dec 2021.
- 3) **Inspections**-The annual observation of the entire system has not been documented. High priority line inspections have not been documented.  
Appropriate paperwork sent by Lauren Armeni is being used for documentation.
- 4) **Lines/Right-of-Ways/Aerial Lines**-Gravity sewer line cleaning has not been documented.  
Appropriate paperwork sent by Lauren Armeni is being used for documentation.

- 5) **Pump Stations**-Lift station logs do not include the minimum required information. Appropriate paperwork sent by Lauren Armeni is being used for documentation.

**May 2022**

On May 6, 2022, there was a power outage at 1565 East Deep Creek causing a 3000-gallon spill at the Water Treatment Sludge Tank.

The Town paid the assessed penalty of \$1813.78.

On May 26, 2022, there was an overflow of 3700 gallon from the manhole located at 45 Everett Street. On this date, the area experienced flooding. Duke Energy released water from the dam in Jackson County which in turn created flooding in multiple low-lying areas. Manholes and cleanouts in the Darnell Farms and Bear Hunter Campground area were under water causing sewer lines to surcharge and the manhole at 45 Everett Street to overflow.

Pumps were finally able to catch up with the system.

**November 2022**

On November 28, 2022, there was a 40 gallon Sanitary Sewer Overflow (SSO) at 65 Veterans Boulevard due to grease entering the system from multiple restaurants.

The maintenance crew jetted the sewer line and cleaned up the debris.

**December 2022**

On December 1, 2022 there was a 55-gallon SSO at 1430 Jenkins Branch due to debris in the line. Maintenance jetted the sewer line and cleared the blockage.

**III. Work Performed**

<u>Date</u>	<u>Work Performed</u>	<u>Location</u>
1/7/22	Brought manhole #375 up to grade	Recycling Center
1/10/22	Cleaned sewer line	190 Carringer Street
1/11/22	Cleared sewer line right of way	Orchard Street
1/12/22	Began relaying undersized sewer main	Orchard Street
1/13/22	Continued work on sewer line	Orchard Street
	Clean 125' from manhole 115-116	Bryson Branch Road
1/18/22	Worked on influent pump station	WWTP
1/24/22	Finished sewer line upgrade	Orchard Street
1/25/22	Inspected sewer main-curve to new development-located with camera	Black Hill
1/26/22	Used large sewer camera to locate taps	Bryson Walk
1/27/22	Changed riser on manhole #337A	West Deep Creek
2/11/22	Put sewer pot on clean out	Carringer Street
	Ran push camera through tap	
	Ran camera up sewer line	Church Avenue
	Camera line looking for tap	Bryson Walk
	Jet washed sewer line	Bryson Ave & First Citizens
2/14/22	Rebuilt sewer service	First Citizens Bank

	Jetted and camera sewer line	Pine Avenue
	Camera sewer line	Above Marianna Black Library
2/15/22	Repaired sewer line	Fryemont Street
2/23/22	Jetted sewer line	Pine Avenue
	Worked on pump station	Governor's Island
2/28/22	Installed 4" sewer tap	Governor's Island
3/3/22	Exposed 6" sewer line to jet line	Pine Avenue
	Manhole inspections	Bryson Yard
	Cleaned line	Pine Avenue
3/4/22	Installed clean out on line	Pine Avenue
3/7/22	Camera line	Across Street from Berry Patch
3/8/22	Made sewer tap	Bryson Branch -Parker
3/10/22	Videoed sewer lines	Pine Avenue
		Black Hill
3/14/22	Jetted sewer line	Dr. Riddle to McDonald's
3/17/22	Cleaned floats	WWTP
		Governor's Island
	Worked on starter	Rec Park Pump Station
3/18/22	Removed debris from check valve	WWTP Lift Station
3/28-4/1/22	Worked on sewer line project	Black Hill
4/4/22	Set manhole	Black Hill
4/6/22	Grouted manhole risers	Black Hill
4/7/22	Made 2 4" sewer taps	Franklin Grove Church Rd
4/13/22	Installed cleanout on 4" sewer line	Industrial Park Rd
4/14/22	Put sewer tracing dye in manhole-check for leak	Coca-Cola Plant
4/20/22	Fixed collapsed service on sewer line	Greenlee Street
5/3/22	Jetted sewer line	First Baptist Church
	Inspected manholes and lift stations	Powell Lumber
		WWTP
5/10/22	Fixed omni beacon	Rec Park Pump Station
5/11/22	Jetted sewer line	McDonald's
	Worked on pump station	Governor's Island
5/13/22	Mowed sewer right of way	Bryson Yard
5/27/22	Replaced alternating relay and untangled floats	Carringer Street
6/6/22	Cleaned out pump	WWTP
6/8/22	Installed 4" sewer cleanout	Winding Way-Allman
6/9/22	Installed new pump	WWTP
6/22/22	Installed new soft start-pump #2	WWTP
6/27/22	Pulled pump and cleaned floats	Lackey Hill Pump Station
6/28/22	Located manhole	Hwy 19
	Manhole inspections	Carringer Street
6/30/22	Jetted sewer lines	Bus Garage
		Walgreens
		River St
7/7/22	Jetted sewer line	Arlington Ext.
7/11/22	Pulled pump	Lackey Hill
	Jetted sewer line	Grace Christian Academy
7/12/22	Camera sewer line	School House Hill-Tremont St
7/15/22	Camera sewer line	Fryemont Street
7/19/22	Hooked bypass pump	WWTP Lift Station
	Cleaned floats	

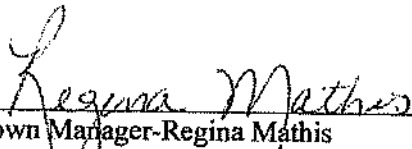
7/22/22	Jetted sewer line	Dr. Riddle to McDonald's
7/25/22	Put bracket on pump #3	WWTP
7/27/22	Relayed sewer service	River View
7/28/22	Replaced off/on floats	Governor's Island Pump Station
8/2/22	Unclogged sewer main with Vac truck	Everett Street
8/3/22	Cleaned sondie and tube	WWTP Pump Station
	Jet washed sewer lines	Clifton Avenue
		Arlington Avenue
8/8/22	Dye tested sewer line	Twin Oaks to Ingles
8/9/22	Installed rebuilt omni beacon	Lackey Hill Pump Station
8/9/22	Replaced wires for alarm	Lackey Hill Pump Station
	Cleaned sondie	WWTP
8/16/22	Cleaned pump #1	Lackey Hill Pump Station
	Cleaned sondie	WWTP
8/17/22	Cleaned pump #2	Lackey Hill Pump Station
8/19/22	Cleaned sondie	WWTP
8/29/22	Cleaned sondie	WWTP
8/30/22	Brought manhole up to grade	Above BJs Quick Stop
9/2/22	Abandoned old sewer line	Black Hill
9/13/22	Used camera to locate lost manhole	Beside Deep Creek Church
9/16/22	Changed floats	Governor's Island Pump Station
10/3/22	Hooked up bypass	WWTP Lift Station
10/4/22	Made sewer tap	Deep Creek-Estes
10/6/22	Located and raised manhole	Recycling Center
10/10/22	Replaced pump	Powell Lumber
10/11/22	Cleaned wet well	WWTP Lift Station
10/17/22	Replaced mechanical seal-pump #2	Rec Park Pump Station
10/20/22	Replaced sewer pot cleanout	Industrial Park
10/26/22	Cleaned sewer lines	Hospital Hill
10/28/22	Worked on priming issues	Rec Park Lift Station
11/18/22	Unclogged sewer manhole	Trailer Park-School House Hill
11/21/22	Unclogged sewer line	150 Water Street
11/28/22	Jetted sewer line	Main and Veterans to Bojangles
11/30/22	Cleaned fog rod	WWTP
12/1/22	Jetted sewer line	Jenkins Branch
12/2/22	Jetted sewer line	Dr. Riddle to McDonald's
		Locust Street
12/5/22	Located manholes	Governor's Island
12/8/22	Cleaned and adjusted fog rod	WWTP
12/12/22	Jetted, camera, located taps on sewer lines	Camp Living Water to
		Florida Avenue
12/16/22	Cleaned around all pump stations	
	Cleaned floats	
12/20/22	Made 4" sewer tap	Bryson Walk-McLeod
	Jetted sewer line	Holly Hills
12/22/22	Installed rebuilt check valve	Rec Park Pump Station
	Jetted sewer lines	Suttons
		School House Hill
	Camera sewer line	Jenkins Branch

**IV. Notification**

This report has been made available by advertising in the Smoky Mountain Times and on the Town of Bryson City's website. A copy may also be picked up at the Bryson City Town Hall Monday through Friday between 8:00 a.m-5:00 p.m.

**V. Certification**

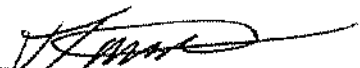
I certify under the penalty of law that this report is complete and accurate to the best of my knowledge. I further certify that this report has been made available to the public.

  
Town Manager-Regina Mathis

1/31/2023  
Date

  
Wastewater Plant ORC-Environmental Inc./Dale Wike

1-31-23  
Date

  
Collection System Back-up ORC-Travis McCall

1/31/2023  
Date