



*Town of Bryson City  
Municipal Office  
P.O. Box 726  
Bryson City, NC 28713  
Telephone (828) 488-3335  
Fax (828) 488-9474*

September 17, 2019

Attn: System Performance Annual Report  
North Carolina Division of Water Quality  
1617 Mail Service Center  
Raleigh, NC 27699-1617

Ref: Annual Report for Collection Permit No. WQCS001170  
Annual Report for Wastewater Permit No. NC0026557

North Carolina General Statute Chapter 143, Article 21, Part 1, 143-215.1C requires municipalities that operate wastewater collection and treatment systems to publish an annual report summarizing the performances of their collection system and treatment works and the extent to which the system has violated their permit, federal or state laws, regulations, or rules related to the protection of water quality.

Enclosed please find the annual report for the Town of Bryson City for the fiscal year July 1, 2018 - June 30, 2019. We believe the report to be complete and accurate. The customers will be notified of the availability of the report through the local newspaper and the Town website.

If you have any questions, please contact me at 828-488-3335 or email at [reginamathis@brysoncitync.gov](mailto:reginamathis@brysoncitync.gov).

Sincerely,

*Regina Mathis*

Regina Mathis  
Town Manager

Cc: North Carolina Division of Water Quality  
2090 U.S. 70 Highway  
Swannanoa, NC 28778

*Mayor Tom Sutton Board of Aldermen Jim Gribble, Janine Crisp, Benjamin King, & Heidi Ramsey-Woodard  
Regina Mathis, Town Manager Fred Moody Jr., Town Attorney Carla Passmore, Tax Collector Lynn Thomas, Town Clerk  
Tom Shook, Public Works Supervisor*

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**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-Tom Shook

**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 July 1, 2018 to June 30, 2019**

**July 2018**

Notice of violation and intent to assess civil penalty for violations on 7/5/18 and 7/31/18 at the wastewater treatment plant (WWTP) for exceeding the daily maximum for coliform, fecal. At the time of the violation on 7/5/18, the WWTP was operating with only one tank rather than two. Tank #2 had been down for approximately 6-8 weeks due to a blown motor and gearbox on the skimmer. The company had originally sent a single-phase motor rather than a three phase. Both tanks were back operational on July 4, 2018. It was also during the time that there was an issue with the chemical feed pump so the discharge was not getting chlorinated like it should. The problem was fixed.

A permit violation on 7/31/18 for failure to maintain "Operator Arrival Time" & "Operator Time on Site" at the wastewater treatment plant. The ORC had to resubmit the report for 7/31/18. He had forgotten to include the "Operator Arrival Time" and "Operator Time on Site."

**August 2018**

Notice of violation on 8/1/18 due to Sanitary Sewer Overflow (SSO) of the manhole located at 45 Everett Street.

**December 2018**

Notice of violation and intent to assess civil penalty for violation on 12/28/18 due to Sanitary Sewer Overflow (SSO) at the manhole located at 45 Everett Street. Maintenance crews have inspected manholes during heavy rains and work orders have been placed to address some of the problem areas. We are

reviewing ordinances and will include one requiring campgrounds near the river to have spring loaded sewer caps that close automatically when campers hastily unhook campers from the sewer system without placing the sewer cap on the sewer pipe.

**February 2019**

Notice of violation and intent to access civil penalty for violation on 2/12/19 for Sanitary Sewer Overflow (SSO) at the manhole located at 45 Everett St. On March 4-6, 2019 smoke testing was performed at a section of town. There were several issues identified including gutters hooked to the sanitary sewer system, drain lines hooked to the sewer system, and missing caps on cleanouts. Certified letters were sent to customers requiring them to correct the identified issue.

Notice of violation for exceeding the monthly average flow at the wastewater treatment plant. This was due to several heavy rainfalls.

**March 2019**

Notice of violation and intent to assess civil penalty for violation on March 31, 2019 for exceeding the monthly average flow at the wastewater treatment plant.

**III. Work Performed**

<u>Date</u>	<u>Work Performed</u>	<u>Location</u>
7/23/18-7/31/18	Install new manhole #1 (contractor)	WWTP
8/1/18	Jet washed sewer line through manhole #28	Everett St
8/27/18	Jet washed manhole #504	Crescent St
8/27/18	Jet washed manhole #62	Island St
8/27/18	Replaced 6" clay pipe	Arlington Ave Ext
8/28/18	Inspected with CCTV manholes #32-37	
9/5/18	Replaced 60'X4" DIP	Crescent St
9/6/18	New pump installed	Powell Lumber Lift Station
9/14/18	Jet washed 4" PVC	Orchard St
9/25/18	Jet washed 6" clay and 8" DIP	Everett St
10/2/18	Replaced 10" DIP	Island St
10/3/18	Jet washed 6" Clay	Main St/Hwy 19
10/15/18	Jet washed manhole #358	Tremont St
10/28/18	"Snaked" manhole #192	Hwy 19
10/30/18	Jet washed manhole #231	McDonalds/Veterans Blvd
11/1/18	Jet washed 4" clay	Pine Ave and Dave St
12/12/18	Removed 4" corrugated and replaced with PVC	Rector St
12/14/18	Jet vacuumed live well	Lackey Hill Lift Station
12/17/18	Jet washed 6" PVC	Orchard St
12/17/18	Jet vacuumed 6" clay	PreK manhole
12/18/18	Cleaned under hoods of lift stations	Lackey Hill and Rec Park
12/20/18	Replaced 180' of 6" PVC	Orchard St
12/27/18	"Snaked" 6" clay	Locust St
12/31/18	Cleared and reset pump #2	Powell Lumber Lift Station
1/2/19	Adjusted floats	Powell Lumber Lift Station
1/4/19	CCTV inspection of box culvert	Main St
1/7/19	Jet washed 6" clay	Carringer St

1/8/19	Installed new pump	Rec Park
1/17/19	Jet washed 4" PVC	First Citizens Bank
1/17/19	Jet washed 4" PVC	#155 Bryson Ave
1/24/19	Clean and Inspect all Lift Stations	
1/31/19	"Snaked" 4" PVC	J Lane
2/1/19	Jet washed Manhole	Leatherwood St
2/11/19	Manhole inspections	
2/11/19	Camera inspection	Greenlee St
2/13/19	Cleared pump #3	Wastewater Treatment Plant
2/13/19	Cleaned manholes #24-25	River St
2/14/19	Cleaned manholes #26-27	Town Hall parking lot
2/15/19	Removed 6" drain from sewer	Pasqualinos
2/19/19	Jet washed 4" PVC and manholes	Veterans Blvd
2/19/19	Jet washed 4" PVC	Sleep Inn
2/20/19	"Snaked" manhole	Black Hill
2/22/19	"Snaked" manhole #347	Clifton Ave
3/4/19	"Snaked" 4" PVC	Lemons Br
3/4/19	Smoke Testing manholes	Governor's Island
3/5/19	Smoke Testing manholes	Carringer St, Pine Ave
3/6/19	Smoke Testing manholes	Hughes Br
3/12/19	CCTV manholes	Veterans Blvd
3/13/19	CCTV manholes	West Deep Creek
3/14/19	Abandoned 4" PVC at customers request	Gov Island/Maytag
3/21/19	Replaced 4" clay with 4" DIP	Pine Ave
3/22/19	Jet washed 4" clean out	Pine Ave
4/3/19	Jet washed 4" PVC/manhole	Veterans Blvd
4/3/19	Repaired/sealed manhole #127	Franklin Grove Church Rd
4/15/19	Jet washed 6" PVC	Pine Ave
4/24/19	Jet washed manhole	PreK
4/24/19	Jet washed 4" PVC/manhole	J Lane
4/25/19	Installed new pump	Powell Lumber Lift Station
4/26/19	Jet washed 6" PVC	Pine Ave.
5/1/19	Pulled pump and cleared debris	Powell Lumber Lift Station
5/9/18	Cleaned and vacuumed Manhole #392, #393	Charleston Appt.
	Also chopped roots in manhole	
5/10/19	Inspected manhole	EMS building (Bryson Walk)
5/13/19	Inspected manholes	Bryson Creek Apartment and Riverbend Lodging
5/13/19	Jet washed manholes #7, 8, 9	Hwy 19
6/3/19	Grouted around pipe in brick manhole	North Jenkins Br Rd
6/5/19	Jet washed 6" PVC	Arlington Ave
6/11/19	Jet washed 6" clay	Everett St
6/18/19	Jetted 6" clay	Orchard St/Clifton Ave
6/25/19	Replaced 6" PVC with 8" DIP	Everett St
6/28/19	Cleaned out 4" PVC	Tremont St

**IV. Notification**

This report has been made available by advertising in the Smoky Mountain Times and on the Town of Bryson City's website [www.brysoncitync.gov](http://www.brysoncitync.gov). 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.

Regina Mathis  
Town Manager-Regina Mathis

9/17/19  
Date

Dale Wike  
Wastewater Plant ORC-Environmental Inc./Dale Wike

9/17/19  
Date

Thomas J. Shook  
Collection System ORC-Tom Shook

9/17/19  
Date