



Tennessee Department of Environment and Conservation
 Division of Water Resources
 William R. Snodgrass Tennessee Tower,
 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243
 1-888-891-8332 (TDEC)

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

1. MS4 Information

Name of MS4: Washington County, Tennessee		MS4 Permit Number: TNS075787
Contact Person: Angie Charles		Email Address: acharles@washingtoncountyttn.org
Telephone: (423) 753-1852		MS4 Program Web Address: www.washingtoncountyttn.org
Mailing Address: P.O. Box 417		
City: Jonesborough	State: TN	ZIP code: 37659

What is the current population of your MS4? 55,564 per 2017 ACS 5-Year Population Estimate for unincorporated areas.

What is the reporting period for this annual report? July 1 2019 to June 30 2020

2. Discharges to Waterbodies with Unavailable Parameters or Exceptional Tennessee Waters (Section 3.1)

- A. Does your MS4 discharge into waters with unavailable parameters (previously referred to as impaired) for pathogens, nutrients, siltation or other parameters related to stormwater runoff from urbanized areas as listed on TN's most current 303(d) list and/or according to the on-line state GIS mapping tool (tdeconline.tn.gov/dwr/)? If yes, attach a list. Yes No
- B. Are there established and approved TMDLs (<http://www.tn.gov/environment/article/wrws-tennessees-total-maximum-daily-load-tmdl-program>) with waste load allocations for MS4 discharges in your jurisdiction? If yes, attach a list. Yes No
- C. Does your MS4 discharge to any Exceptional Tennessee Waters (ETWs - http://environment-online.tn.gov:8080/pls/enf_reports/f?p=9034:34304:4880790061142)? If yes, attach a list. Yes No
- D. Are you implementing specific Best Management Practices (BMPs) to control pollutant discharges to waterbodies with unavailable parameters or ETWs? If yes, describe the specific practices: _____. Yes No

3. Public Education/Outreach and Involvement/Participation (Sections 4.2.1 and 4.2.2)

- A. Have you developed a Public Information and Education plan (PIE)? Yes No
- B. Is your public education program targeting specific pollutants and sources, such as Hot Spots? If yes, describe the specific pollutants and/or sources targeted by your public education program: Siltation, Household Hazardous Waste, Petroleum Products, Watershed children coloring books specific to Tennessee (both english and spanish). Yes No
- C. Do you have a webpage dedicated to your stormwater program? If yes, provide a link/URL: <http://www.washingtoncountyttn.org/node/394> Yes No

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

- D. Summarize how you advertise and publicize your public education, outreach, involvement and participation opportunities: All County Commission and Planning Commission meetings involving regulation changes, public projects, and plan approvals are advertised in the local newspaper of general circulation and posted at the County's website to inform the public. The Zoning Office also utilizes a bulletin board, located in their lobby, to display education materials and involvement/participation opportunities.
- E. Summarize the public education, outreach, involvement and participation activities you completed during this reporting period: Staff reviewed the existing plan to provide pollution reduction education for the residents and business, within Washington County's unincorporated areas to educate them on the impact of their daily activities on the quality of our waterbodies. County staff continued to distribute brochures to public locations such as front offices, public libraries and digitally distributed to the schools for inclusion in handouts for all school age children. Staff has also incorporated stormwater management points in the Box City exercise conducted in Elementary Schools. The Zoning Office participated in the Johnson City Area Home Builders Home and Outdoor Show, distributing Tennessee specific education brochures to promote stormwater awareness by distributing to citizens, contractors and teachers related to water quality and outreach. While at the show, staff fielded many questions related to Stormwater Management. Washington County maintains an active membership with the Johnson City Home Builders Association in an attempt to improve communication with local builders and the public by participation in events and outreach opportunities.
- F. Summarize any specific successful outcome(s) (e.g., citizen involvement, pollutant reduction, water quality improvement, etc.) fully or partially attributable to your public education and participation program during this reporting period: The Sheriff's Department continues to perform road side litter cleanup and general litter collection thru the Dirty Street Fighters program. Additionally, the County continues to sponsor the Boone Lake Partnership's yearly lake cleanup event and additionally a new float system for helping collect debris from the water. The kids coloring corner is still located in the lobby of the Zoning Office, with its expanded handouts and brochures.

4. Illicit Discharge Detection and Elimination (Section 4.2.3)

- A. Have you developed and do you continue to update a storm sewer system map that shows the location of system outfalls where the municipal storm sewer system discharges into waters of the state or conveyances owned or operated by another MS4? Yes No
- B. If yes, does the map include inputs into the storm sewer collection system, such as the inlets, catch basins, drop structures or other defined contributing points to the sewershed of that outfall, and general direction of stormwater flow? Yes No
- C. How many outfalls have you identified in your storm sewer system? 96
- D. Do you have an ordinance, or other regulatory mechanism, that prohibits non-stormwater discharges into your storm sewer system? Yes No
- E. Have you implemented a plan to detect, identify and eliminate non-stormwater discharges, including illegal disposal, throughout the storm sewer system? If yes, provide a summary: The process has multiple ways of detection, identification and elimination of non-stormwater discharges. If there is an illegal disposal through dumping, citizens can contact the Sheriff's Department Litter Hot Line and an investigation will be opened into the matter and the Dirty Street Fighters will be dispatched to remove the illegal dumping activity. During Dry Weather Screening, staff detects, identifies and works with property owners to eliminate non-stormwater discharges. Finally, we have a complaint hotline that if anyone suspects a pipe is discharging illegally, staff will begin its investigative procedures in relation to the location. Yes No

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

- F. How many illicit discharge related complaints were received this reporting period? 0
- G. How many illicit discharge investigations were performed this reporting period? 1
- H. Of those investigations performed, how many resulted in valid illicit discharges that were addressed and/or eliminated? 1

5. Construction Site Stormwater Runoff Pollutant Control (Section 4.2.4)

- A. Do you have an ordinance or other regulatory mechanism requiring:
 - Construction site operators to implement appropriate erosion prevention and sediment control BMPs consistent with those described in the TDEC EPSC Handbook? Yes No
 - Construction site operators to control wastes such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste? Yes No
 - Design storm and special conditions for unavailable parameters waters or Exceptional Tennessee Waters consistent with those of the current Tennessee Construction General Permit (TNR100000)? Yes No
- B. Do you have specific procedures for construction site plan (including erosion prevention and sediment BMPs) review and approval? Yes No
- C. Do you have sanctions to enforce compliance? Yes No
- D. Do you hold pre-construction meetings with operators of priority construction activities and inspect priority construction sites at least monthly? Yes No
- E. How many construction sites disturbing at least one acre or greater were active in your jurisdiction this reporting period? 76
- F. How many active priority and non-priority construction sites were inspected this reporting period? 86
- G. How many construction related complaints were received this reporting period? 4

6. Permanent Stormwater Management at New Development and Redevelopment Projects (Section 4.2.5)

- A. Do you have a regulatory mechanism (e.g. ordinance) requiring permanent stormwater pollutant removal for development and redevelopment projects? If no, have you submitted an Implementation Plan to the Division? Yes No
 Yes No
- B. Do you have an ordinance or other regulatory mechanism requiring:
 - Site plan review and approval of new and re-development projects? Yes No
 - A process to ensure stormwater control measures (SCMs) are properly installed and maintained? Yes No
 - Permanent water quality riparian buffers? If yes, specify requirements: Based on drainage area, for drainage areas less than 1 square mile, the buffer is 30 feet. For drainage areas 1 square mile or more, the buffer is a 60 foot average with a 30 foot minimum width. To use the 60-foot average, 30-foot minimum method, it must be shown that the straight 60-foot width would be a hardship for developing the property and may not be based solely on the difficulty or the cost of implementation. (Per section 516.4.3 of Resolution 12-08-08A-1). Yes No

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

- C. What is the threshold for development and redevelopment project plans plan review (e.g., all projects, projects disturbing greater than one acre, etc.)? All projects are reviewed that equal or exceed one acre of disturbance.
- D. How many development and redevelopment project plans were reviewed for this reporting period? 12
- E. How many development and redevelopment project plans were approved? 12
- F. How many permanent stormwater related complaints were received this reporting period? 0
- G. How many enforcement actions were taken to address improper installation or maintenance? 0
- H. Do you have a system to inventory and track the status of all public and private SCMs installed on development and redevelopment projects? Yes No
- I. Does your program include an off-site stormwater mitigation or payment into public stormwater fund? If yes, specify. _____ Yes No

7. Stormwater Management for Municipal Operations (Section 4.2.6)

- A. As applicable, have stormwater related operation and maintenance plans that include information related to maintenance activities, schedules and the proper disposal of waste from structural and non-structural stormwater controls been developed and implemented at the following municipal operations:
 - Streets, roads, highways? Yes No
 - Municipal parking lots? Yes No
 - Maintenance and storage yards? Yes No
 - Fleet or maintenance shops with outdoor storage areas? Yes No
 - Salt and storage locations? Yes No
 - Snow disposal areas? Yes No
 - Waste disposal, storage, and transfer stations? Yes No
- B. Do you have a training program for employees responsible for municipal operations at facilities within the jurisdiction that handle, generate and/or store materials which constitute a potential pollutant of concern for MS4s? Yes No
 - If yes, are new applicable employees trained within six months, and existing applicable employees trained and/or retrained within the permit term? Yes No

8. Reviewing and Updating Stormwater Management Programs (Section 4.4)

- A. Describe any revisions to your program implemented during this reporting period including but not limited to:

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

Modifications or replacement of an ineffective activity/control measure. None.

Changes to the program as required by the division to satisfy permit requirements. None.

Information (e.g. additional acreage, outfalls, BMPs) on newly annexed areas and any resulting updates to your program. SOP for Streets, Roads and Highways and Municipal Parking lots added since last Annual Report has been completed and is attached.

- B. In preparation for this annual report, have you performed an overall assessment of your stormwater management program effectiveness? If yes, summarize the assessment results, and any modifications and improvements scheduled to be implemented in the next reporting period. The Zoning Office continues to review and work to improve its Public Outreach. Additionally, staff is reviewing processes for the construction side of stormwater to ensure the whole process from Pre-Construction to Inspection and Termination meet or exceed all state wide requirements per the CGP. Yes No

9. Enforcement Response Plan (Section 4.5)

- A. Have you implemented an enforcement response plan that includes progressive enforcement actions to address non-compliance, and allows the maximum penalties specified in TCA 68-221-1106? If no, explain. _____ Yes No
- B. As applicable, identify which of the following types of enforcement actions (or their equivalent) were used during this reporting period; indicate the number of actions, the minimum measure (e.g., construction, illicit discharge, permanent stormwater management), and note those for which you do not have authority:

<u>Action</u>	<u>Construction</u>	<u>Permanent Stormwater</u>	<u>Illicit Discharge</u>	<u>In Your ERP?</u>	
Verbal warnings	<u>#11</u>	<u>#2</u>	<u>#1</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Written notices	<u>#3</u>	<u>#0</u>	<u>#0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Citations with administrative penalties	<u>#0</u>	<u>#0</u>	<u>#0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Stop work orders	<u>#1</u>	<u>#0</u>	<u>#0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Withholding of plan approvals or other authorizations	<u>#0</u>	<u>#0</u>	<u>#0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Additional Measures	<u>#0</u>	<u>#0</u>	<u>#0</u>	Describe: <u>Environmental Court</u>	

- C. Do you track instances of non-compliance and related enforcement documentation? Yes No
- D. What were the most common types of non-compliance instances documented during this reporting period? Mud in Road, failed construction entrances, failed silt fencing

Phase II Small Municipal Separate Storm Sewer System (MS4) Annual Report

10. Monitoring, Recordkeeping and reporting (Section 5)

- A. Summarize any analytical monitoring activities (e.g., planning, collection, evaluation of results) performed during this reporting period. Washington County is awaiting the finalized approved report of E. Coli Concentration Screening, Benthic Macroinvertebrate Report, Nitrates/Nitrites Concentrations in specific streams in the Watauga River Watershed for the unincorporated areas of Washington County, Tennessee. ETSU's Department of Environmental Health is performing the work. Going forward, Washington County will be performing all 3 watershed's analysis in a batch process instead of doing one watershed every other year as a means to ensure accurate and timely reception of such information. The current projected year for this work to be performed is the 2022-2023 Fiscal/Reporting year.
- B. Summarize any non-analytical monitoring activities (e.g., planning, collection, evaluation of results) performed during this reporting period. County staff has setup equipment and a database to perform Dry Weather Screening and Connection Maps reviewing of locations along streams in the Watauga River Watershed. Staff will be updating its map of outfalls in this watershed and is awaiting all of the finalized reports to indicate areas of importance.
- C. If applicable, are monitoring records for activities performed during this reporting period submitted with this report. Yes No

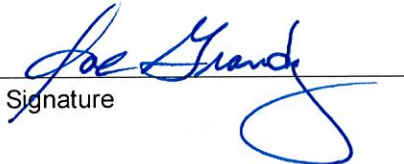
11. Certification

This report must be signed by a ranking elected official or by a duly authorized representative of that person. See signatory requirements in sub-part 6.7.2 of the permit.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

William Joe Grandy, County
Mayor

Printed Name and Title



Signature

9.2.20

Date

Annual reports must be submitted by September 30 of each calendar year (Section 5.4) to the appropriate Environmental Field Office (EFO), identified in the table below:

EFO	Street Address	City	Zip Code	Telephone
Chattanooga	1301 Riverfront Pkwy, Suite 206	Chattanooga	37402	(423) 634-5745
Columbia	1421 Hampshire Pike	Columbia	38401	(931) 380-3371
Cookeville	1221 South Willow Ave.	Cookeville	38506	(931) 520-6688
Jackson	1625 Hollywood Drive	Jackson	38305	(731) 512-1300
Johnson City	2305 Silverdale Road	Johnson City	37601	(423) 854-5400
Knoxville	3711 Middlebrook Pike	Knoxville	37921	(865) 594-6035
Memphis	8383 Wolf Lake Drive	Bartlett	38133	(901) 371-3000
Nashville	711 R S Gass Boulevard	Nashville	37216	(615) 687-7000

2019-2020 Annual Report – Washington County, Tennessee Question 2.A Streams List
E. Coli Impaired Streams

ID	WATER_NAME	WATER_SIZE	ATTAINMENT	CAUSE_NAME
TN06010108030_1000	Big Limestone Creek	3.10	Not Supporting	Escherichia coli
TN06010108030_2000	Big Limestone Creek	8.80	Not Supporting	Escherichia coli
TN06010108030_0410	Blackley Creek	16.00	Not Supporting	Escherichia coli
TN06010103006_1000	Boones Creek	19.31	Not Supporting	Escherichia coli
TN06010103009_1000	Brush Creek	20.30	Not Supporting	Escherichia coli
TN06010103006_0100	Carroll Creek	4.30	Not Supporting	Escherichia coli
TN06010108030_0220	Carson Creek	17.90	Not Supporting	Escherichia coli
TN06010103635_0100	Cash Hollow Creek	3.48	Not Supporting	Escherichia coli
TN06010102702_1000	Cedar Creek	10.10	Not Supporting	Escherichia coli
TN06010108030_0100	Cedar Creek	3.30	Not Supporting	Escherichia coli
TN06010108035_1900	Clear Creek	19.90	Not Supporting	Escherichia coli
TN06010108030_0400	Clear Fork	12.00	Not Supporting	Escherichia coli
TN06010103635_0200	Cobb Creek	4.50	Not Supporting	Escherichia coli
TN06010102047_0100	Ford Creek	5.50	Not Supporting	Escherichia coli
TN06010108510_0400	Hominy Branch	7.00	Not Supporting	Escherichia coli
TN06010102003_3000	Horse Creek	4.35	Not Supporting	Escherichia coli
TN06010108030_0200	Jockey Creek	8.00	Not Supporting	Escherichia coli
TN06010103635_1000	Knob Creek	12.30	Not Supporting	Escherichia coli
TN06010108510_3000	Little Limestone Creek	5.94	Not Supporting	Escherichia coli
TN06010108510_1000	Little Limestone Creek	8.00	Not Supporting	Escherichia coli
TN06010108510_2000	Little Limestone Creek	7.56	Not Supporting	Escherichia coli
TN06010102003_0100	Mill Creek	6.60	Not Supporting	Escherichia coli
TN06010108030_0430	Muddy Fork	23.80	Not Supporting	Escherichia coli
TN06010102702_0100	Possum Creek	3.90	Not Supporting	Escherichia coli
TN06010102047_0200	Red River	6.60	Not Supporting	Escherichia coli
TN06010103061_1000	Reedy Creek	10.70	Not Supporting	Escherichia coli
TN06010103046_1000	Sinking Creek	10.00	Not Supporting	Escherichia coli
TN06010102003_0200	Unnamed trib to Horse Creek	3.80	Not Supporting	Escherichia coli

Habitat Impaired Streams

ID	WATER_NAME	WATER_SIZE	ATTAINMENT	CAUSE_NAME
TN06010102702_1000	Cedar Creek	10.10	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108030_0431	Leesburg Branch	3.40	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108510_0200	Bacon Branch	4.60	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108510_0400	Hominy Branch	7.00	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010102003_0200	Unnamed trib to Horse Creek	3.80	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103635_0200	Cobb Creek	4.50	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108030_0400	Clear Fork	12.00	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103635_1000	Knob Creek	12.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103006_1000	Boones Creek	19.31	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103006_0100	Carroll Creek	4.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108010_1300	Keplinger Branch	5.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103635_0100	Cash Hollow Creek	3.48	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108030_0410	Blackley Creek	16.00	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108010_1200	Knave Branch	4.60	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010102702_0100	Possum Creek	3.90	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108510_0500	Onion Creek	4.00	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108010_1400	Lebanon Branch	1.90	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103009_1000	Brush Creek	20.30	Not Supporting	Other anthropogenic substrate alterations
TN06010108510_3000	Little Limestone Creek	5.94	Not Supporting	Physical substrate habitat alterations
TN06010108510_0300	Feist Branch	2.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108010_0900	Snapp Branch	1.90	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108510_2000	Little Limestone Creek	7.56	Not Supporting	Physical substrate habitat alterations
TN06010108030_0100	Cedar Creek	3.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108536_0200	Little Cherokee Creek	7.20	Not Supporting	Physical substrate habitat alterations
TN06010108510_0100	Brown Branch	8.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108030_0420	Unnamed Trib to Clear Fork	6.90	Not Supporting	Alteration in stream-side or littoral vegetative covers

Siltation Impaired Waterbodies and Streams

ID	WATER_NAME	WATER_SIZE	ATTAINMENT	CAUSE_NAME		
TN06010103006_0100	Carroll Creek	4.30	Not Supporting	Sedimentation/Siltation		
TN06010108030_0220	Carson Creek	17.90	Not Supporting	Sedimentation/Siltation		
TN06010108030_0431	Leesburg Branch	3.40	Not Supporting	Sedimentation/Siltation		
TN06010108030_0100	Cedar Creek	3.30	Not Supporting	Sedimentation/Siltation		
TN06010108010_1300	Keplinger Branch	5.30	Not Supporting	Sedimentation/Siltation		
TN06010108010_1400	Lebanon Branch	1.90	Not Supporting	Sedimentation/Siltation		
TN06010108030_0420	Unnamed Trib to Clear Fork	6.90	Not Supporting	Sedimentation/Siltation		
TN06010108510_0300	Feist Branch	2.30	Not Supporting	Sedimentation/Siltation		
TN06010108010_1200	Knave Branch	4.60	Not Supporting	Sedimentation/Siltation		
TN06010103635_0200	Cobb Creek	4.50	Not Supporting	Sedimentation/Siltation		
TN06010103635_1000	Knob Creek	12.30	Not Supporting	Sedimentation/Siltation		
TN06010108030_2000	Big Limestone Creek	8.80	Not Supporting	Sedimentation/Siltation		
TN06010108510_0100	Brown Branch	8.30	Not Supporting	Sedimentation/Siltation		
TN06010102047_0100	Ford Creek	5.50	Not Supporting	Sedimentation/Siltation		
TN06010108536_0200	Little Cherokee Creek	7.20	Not Supporting	Sedimentation/Siltation		
TN06010108035_1900	Clear Creek	19.90	Not Supporting	Sedimentation/Siltation		
TN06010108010_0900	Snapp Branch	1.90	Not Supporting	Sedimentation/Siltation		
TN06010108510_0500	Onion Creek	4.00	Not Supporting	Sedimentation/Siltation		
TN06010103046_0100	Catbird Creek	5.70	Not Supporting	Sedimentation/Siltation		
TN06010103006_1000	Boones Creek	19.31	Not Supporting	Sedimentation/Siltation		
TN06010103009_1000	Brush Creek	20.30	Not Supporting	Sedimentation/Siltation		
TN06010108030_0200	Jockey Creek	8.00	Not Supporting	Sedimentation/Siltation		
TN06010108510_0200	Bacon Branch	4.60	Not Supporting	Sedimentation/Siltation		
TN06010102702_1000	Cedar Creek	10.10	Not Supporting	Sedimentation/Siltation		
TN06010108010_3000	Nolichucky River	22.60	Not Supporting	Sedimentation/Siltation		
ID	WATER_NAME	ID305B	WATER_SIZE	WATER_TYPE	ATTAINMENT	CAUSE_NAME
TN06010108010_3000	Nolichucky River	TN06010108010_3000	22.60	RIVER	Not Supporting	Sedimentation/Siltation

High Quality Streams

NAME	REACHCODE	DESCRIPTIO
Briar Creek	06010108001257	From Dry Creek to origin including tributaries.
Briar Creek	06010108001256	From Dry Creek to origin including tributaries.
Briar Creek		From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004539	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004777	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004872	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004577	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004512	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004555	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004911	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004697	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004569	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004779	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004930	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004709	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108005001	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004991	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004748	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004715	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004994	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004975	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004581	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108005038	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004559	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004721	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004582	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004629	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004550	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004807	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004665	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004588	From Dry Creek to origin including tributaries.

Briar Creek UT	06010108004513	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004953	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108001258	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004538	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004710	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004746	From Dry Creek to origin including tributaries.
Briar Creek UT		From Dry Creek to origin including tributaries.
Briar Creek UT	06010108005069	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004680	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004664	From Dry Creek to origin including tributaries.
Briar Creek UT	06010108004797	From Dry Creek to origin including tributaries.
Bumpus Cove Creek	06010108000584	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek	06010108000586	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek	06010108000585	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek	06010108000588	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek	06010108016534	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007799	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007384	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108001880	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007469	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007498	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007383	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108006875	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108006995	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007692	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007336	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007547	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007240	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007693	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108001878	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007326	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108001879	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007052	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007468	From Nolichucky River to origin including tributaries.

Bumpus Cove Creek UT	06010108006585	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007001	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007497	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108006529	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007353	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108006667	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108006788	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007310	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007051	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007621	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007201	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007349	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108006984	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007389	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007694	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007174	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007291	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108001877	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007534	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007115	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007641	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007348	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108006605	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007642	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007466	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007421	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007292	From Nolichucky River to origin including tributaries.
Bumpus Cove Creek UT	06010108007465	From Nolichucky River to origin including tributaries.
Cassi Creek	06010108001920	Nolichucky River to headwaters including all tributaries
Cassi Creek	06010108001921	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009517	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009171	Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009114	Nolichucky River to headwaters including all tributaries

Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108001929	Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009720	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108010013	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009719	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009104	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009472	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009759	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009943	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009295	Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009664	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009574	Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009997	Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009115	Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108001930	Nolichucky River to headwaters including all tributaries
Cassi Creek UT		Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009297	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009455	Nolichucky River to headwaters including all tributaries
Cassi Creek UT	06010108009907	Nolichucky River to headwaters including all tributaries
Clark Creek	06010108016535	From Nolichucky River to origin including tributaries.
Clark Creek	06010108000597	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007988	From Nolichucky River to origin including tributaries.
Clark Creek UT		From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007829	From Nolichucky River to origin including tributaries.

Clark Creek UT	06010108007625	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007532	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007594	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007683	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007515	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007603	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007992	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007645	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007685	From Nolichucky River to origin including tributaries.
Clark Creek UT		From Nolichucky River to origin including tributaries.
Clark Creek UT		From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007610	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007639	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007993	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007768	From Nolichucky River to origin including tributaries.
Clark Creek UT		From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007569	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007647	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007810	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007767	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007572	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108008025	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007688	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007728	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007531	From Nolichucky River to origin including tributaries.
Clark Creek UT		From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007707	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007770	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007440	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007687	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007514	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007727	From Nolichucky River to origin including tributaries.
Clark Creek UT	06010108007851	From Nolichucky River to origin including tributaries.
Clark Creek UT		From Nolichucky River to origin including tributaries.

Deacon Creek	06010108006301	Portion in Cherokee National Forest.
Deacon Creek	06010108006264	Portion in Cherokee National Forest.
Deacon Creek	06010108006380	Portion in Cherokee National Forest.
Deacon Creek	06010108006423	Portion in Cherokee National Forest.
Deacon Creek	06010108006168	Portion in Cherokee National Forest.
Deacon Creek	06010108006480	Portion in Cherokee National Forest.
Deacon Creek	06010108006200	Portion in Cherokee National Forest.
Deacon Creek	06010108006293	Portion in Cherokee National Forest.
Deacon Creek	06010108006211	Portion in Cherokee National Forest.
Deacon Creek	06010108006228	Portion in Cherokee National Forest.
Deacon Creek	06010108006265	Portion in Cherokee National Forest.
Deacon Creek	06010108006304	Portion in Cherokee National Forest.
Deacon Creek	06010108006206	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006119	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006335	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006324	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006358	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006375	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006266	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006439	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006212	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006359	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006220	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006338	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006410	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006468	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006381	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006479	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006481	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006294	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006307	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006426	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006456	Portion in Cherokee National Forest.
Deacon Creek UT	06010108006140	Portion in Cherokee National Forest.

Deaton Creek UT	06010108006483	Portion in Cherokee National Forest.
Deaton Creek UT	06010108006422	Portion in Cherokee National Forest.
Deaton Creek UT	06010108006330	Portion in Cherokee National Forest.
Deaton Creek UT	06010108006400	Portion in Cherokee National Forest.
Deaton Creek UT	06010108006332	Portion in Cherokee National Forest.
Deaton Creek UT	06010108006166	Portion in Cherokee National Forest.
Deaton Creek UT	06010108006120	Portion in Cherokee National Forest.
Deaton Creek UT	06010108006141	Portion in Cherokee National Forest.
Deaton Creek UT	06010108006169	Portion in Cherokee National Forest.
Dry Creek	06010108004881	From Nolichucky River to origin including tributaries.
Dry Creek	0601010800621	From Nolichucky River to origin including tributaries.
Dry Creek	06010108004984	From Nolichucky River to origin including tributaries.
Dry Creek	06010108004816	From Nolichucky River to origin including tributaries.
Dry Creek		From Nolichucky River to origin including tributaries.
Dry Creek		From Nolichucky River to origin including tributaries.
Dry Creek	06010108004699	From Nolichucky River to origin including tributaries.
Dry Creek	06010108004698	From Nolichucky River to origin including tributaries.
Dry Creek	06010108000620	From Nolichucky River to origin including tributaries.
Dry Creek	06010108004899	From Nolichucky River to origin including tributaries.
Dry Creek		From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005846	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005816	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108001251	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005833	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	060101080005757	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005818	From Nolichucky River to origin including tributaries.
Dry Creek UT	060101080005257	From Nolichucky River to origin including tributaries.
Dry Creek UT	060101080005772	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.

Dry Creek UT	06010108005911	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005071	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005822	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108004888	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005677	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005704	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108006007	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005860	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005872	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005162	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108004889	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005685	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005959	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005997	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005913	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108004882	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108001252	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005930	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005909	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005829	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005055	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005779	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005889	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005824	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005902	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108006009	From Nolichucky River to origin including tributaries.

Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108004985	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005054	From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108004900	From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT		From Nolichucky River to origin including tributaries.
Dry Creek UT	06010108005769	From Nolichucky River to origin including tributaries.
East Fork Cassi Creek UT	06010108010469	From Cassi Creek to origin including all tributaries
East Fork Cassi Creek UT	06010108010092	From Cassi Creek to origin including all tributaries
East Fork Cassi Creek UT	06010108001928	From Cassi Creek to origin including all tributaries
Flatrock Branch		From Painter Creek to origin including tributaries.
Flatrock Branch	06010108009356	From Painter Creek to origin including tributaries.
Flatrock Branch	06010108009467	From Painter Creek to origin including tributaries.
Flatrock Branch UT	06010108009339	From Painter Creek to origin including tributaries.
Flatrock Branch UT	06010108009340	From Painter Creek to origin including tributaries.
Flatrock Branch UT	06010108009355	From Painter Creek to origin including tributaries.
Hell Hollow	06010108001902	From Clark Creek to origin including tributaries.
Hell Hollow UT	06010108008456	From Clark Creek to origin including tributaries.
Hell Hollow UT	06010108008513	From Clark Creek to origin including tributaries.
Horse Creek UT		From mouth to headwaters .including all tributaries
Horse Creek UT		From mouth to headwaters .including all tributaries
Horse Creek UT		From mouth to headwaters .including all tributaries
Horse Creek UT		From mouth to headwaters .including all tributaries
Joshua Branch	06010108007401	Portion in Cherokee NF.
Joshua Branch	06010108007433	Portion in Cherokee NF.
Joshua Branch	06010108007431	Portion in Cherokee NF.
Joshua Branch	06010108007449	Portion in Cherokee NF.
Joshua Branch	06010108007407	Portion in Cherokee NF.
Joshua Branch	06010108007423	Portion in Cherokee NF.
Joshua Branch	06010108007448	Portion in Cherokee NF.
Joshua Branch UT	06010108007343	Portion in Cherokee NF.
Joshua Branch UT	06010108007430	Portion in Cherokee NF.
Joshua Branch UT	06010108007417	Portion in Cherokee NF.
Joshua Branch UT	06010108007230	Portion in Cherokee NF.

Joshua Branch UT	06010108007344	Portion in Cherokee NF.
Joshua Branch UT	06010108007502	Portion in Cherokee NF.
Joshua Branch UT	06010108007418	Portion in Cherokee NF.
Joshua Branch UT	06010108007548	Portion in Cherokee NF.
Joshua Branch UT	06010108007372	Portion in Cherokee NF.
Joshua Branch UT	06010108007406	Portion in Cherokee NF.
Joshua Branch UT	06010108007504	Portion in Cherokee NF.
Katy Branch	06010108007141	Portion in Cherokee National Forest.
Katy Branch	06010108006910	Portion in Cherokee National Forest.
Katy Branch	06010108007157	Portion in Cherokee National Forest.
Katy Branch	06010108007082	Portion in Cherokee National Forest.
Katy Branch	06010108007257	Portion in Cherokee National Forest.
Katy Branch	06010108007110	Portion in Cherokee National Forest.
Katy Branch	06010108006943	Portion in Cherokee National Forest.
Katy Branch	06010108006878	Portion in Cherokee National Forest.
Katy Branch	06010108006949	Portion in Cherokee National Forest.
Katy Branch	06010108007303	Portion in Cherokee National Forest.
Katy Branch	06010108006946	Portion in Cherokee National Forest.
Katy Branch	06010108006942	Portion in Cherokee National Forest.
Katy Branch UT	06010108001900	Portion in Cherokee National Forest.
Katy Branch UT	06010108007273	Portion in Cherokee National Forest.
Katy Branch UT	06010108007204	Portion in Cherokee National Forest.
Katy Branch UT	06010108001900	Portion in Cherokee National Forest.
Katy Branch UT	06010108007269	Portion in Cherokee National Forest.
Katy Branch UT	06010108007053	Portion in Cherokee National Forest.
Katy Branch UT	06010108007175	Portion in Cherokee National Forest.
Katy Branch UT	06010108007218	Portion in Cherokee National Forest.
Katy Branch UT	06010108007161	Portion in Cherokee National Forest.
Katy Branch UT	06010108007148	Portion in Cherokee National Forest.
Katy Branch UT	06010108006877	Portion in Cherokee National Forest.
Katy Branch UT	06010108006950	Portion in Cherokee National Forest.
Katy Branch UT	06010108007160	Portion in Cherokee National Forest.
Katy Branch UT	06010108007150	Portion in Cherokee National Forest.
Katy Branch UT	06010108007145	Portion in Cherokee National Forest.

Katy Branch UT	06010108006950	Portion in Cherokee National Forest.
Katy Branch UT	06010108007119	Portion in Cherokee National Forest.
Katy Branch UT	06010108007156	Portion in Cherokee National Forest.
Katy Branch UT	06010108007167	Portion in Cherokee National Forest.
Katy Branch UT	06010108007106	Portion in Cherokee National Forest.
Katy Branch UT	06010108007214	Portion in Cherokee National Forest.
Katy Branch UT	06010108007040	Portion in Cherokee National Forest.
Katy Branch UT	06010108007027	Portion in Cherokee National Forest.
Katy Branch UT	06010108007129	Portion in Cherokee National Forest.
Katy Branch UT	06010108006867	Portion in Cherokee National Forest.
Millstone Creek	06010108006127	Portion in Cherokee National Forest.
Millstone Creek	06010108006032	Portion in Cherokee National Forest.
Millstone Creek	06010108005890	Portion in Cherokee National Forest.
Millstone Creek	06010108006129	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006135	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006160	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006024	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006083	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006164	Portion in Cherokee National Forest.
Millstone Creek UT	06010108005899	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006131	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006209	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006088	Portion in Cherokee National Forest.
Millstone Creek UT	06010108005898	Portion in Cherokee National Forest.
Millstone Creek UT	06010108005881	Portion in Cherokee National Forest.
Millstone Creek UT	06010108005945	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006158	Portion in Cherokee National Forest.
Millstone Creek UT	06010108005861	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006016	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006041	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006087	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006205	Portion in Cherokee National Forest.
Millstone Creek UT	06010108006051	Portion in Cherokee National Forest.
North Fork Painter Creek	06010108001919	From Painter Creek to origin including tributaries.

North Fork Painter Creek UT	06010108009324	From Painter Creek to origin including tributaries.
North Fork Painter Creek UT	06010108009331	From Painter Creek to origin including tributaries.
North Fork Painter Creek UT	06010108009523	From Painter Creek to origin including tributaries.
North Fork Painter Creek UT	06010108009375	From Painter Creek to origin including tributaries.
North Fork Painter Creek UT	06010108009614	From Painter Creek to origin including tributaries.
North Fork Painter Creek UT	06010108009306	From Painter Creek to origin including tributaries.
North Fork Painter Creek UT	06010108009406	From Painter Creek to origin including tributaries.
North Fork Painter Creek UT	06010108009307	From Painter Creek to origin including tributaries.
North Fork Painter Creek UT	06010108009323	From Painter Creek to origin including tributaries.
North Fork Painter Creek UT	06010108009743	From Painter Creek to origin including tributaries.
North Fork Painter Creek UT	06010108009619	From Painter Creek to origin including tributaries.
Painter Creek	06010108010091	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek		River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108000693	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108010045	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108010665	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108010267	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108000694	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek		River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108010200	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108009728	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108009958	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108010217	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108010132	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek	06010108009933	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek UT		River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek UT	06010108009262	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek UT		River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek UT		River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek UT	06010108009422	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek UT		River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek UT		River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek UT		River mile 1.5 (Bearfield Rd) to origin including tributaries.
Painter Creek UT	06010108009421	River mile 1.5 (Bearfield Rd) to origin including tributaries.

Painter Creek UT	060101080009234	River mile 1.5 (Bearfield Rd) to origin including tributaries.
Patty Creek	060101080001876	Portion in Cherokee National Forest.
Patty Creek	060101080001876	Portion in Cherokee National Forest.
Patty Creek	060101080001876	Portion in Cherokee National Forest.
Patty Creek	060101080001876	Portion in Cherokee National Forest.
Patty Creek	060101080001876	Portion in Cherokee National Forest.
Patty Creek UT	060101080007334	Portion in Cherokee National Forest.
Patty Creek UT	060101080007135	Portion in Cherokee National Forest.
Ramsey Creek	060101080005109	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005143	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080004955	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005122	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080004944	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005095	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005140	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080004942	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080004927	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080004947	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080004956	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005097	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005121	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080001254	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080004968	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005204	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080004936	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005235	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005052	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005235	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005053	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080004943	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080001254	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080004935	From Dry Creek to origin including tributaries.
Ramsey Creek	060101080005139	From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.

Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT	06010108005299	From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT	06010108005390	From Dry Creek to origin including tributaries.
Ramsey Creek UT	06010108005284	From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT	06010108001255	From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT	06010108005218	From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT		From Dry Creek to origin including tributaries.
Ramsey Creek UT	06010108001255	From Dry Creek to origin including tributaries.
Ramsey Creek UT	06010108005208	From Dry Creek to origin including tributaries.
Roaring Creek	06010108008995	Portion in Cherokee National Forest.
Roaring Creek	06010108008742	Portion in Cherokee National Forest.
Roaring Creek	06010108008776	Portion in Cherokee National Forest.
Roaring Creek	06010108008670	Portion in Cherokee National Forest.
Roaring Creek	06010108008604	Portion in Cherokee National Forest.
Roaring Creek	06010108008841	Portion in Cherokee National Forest.
Roaring Creek	06010108009013	Portion in Cherokee National Forest.
Roaring Creek	06010108008698	Portion in Cherokee National Forest.
Roaring Creek	06010108008950	Portion in Cherokee National Forest.
Roaring Creek	06010108008595	Portion in Cherokee National Forest.
Roaring Creek	06010108008905	Portion in Cherokee National Forest.
Roaring Creek	06010108009195	Portion in Cherokee National Forest.

Roaring Creek UT	060101080008429	Portion in Cherokee National Forest.
Roaring Creek UT	060101080009053	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008347	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008624	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008694	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008669	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008672	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008923	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008680	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008927	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008900	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008673	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008997	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008747	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008618	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008762	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008250	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008906	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008307	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008423	Portion in Cherokee National Forest.
Roaring Creek UT	060101080009133	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008314	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008594	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008625	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008928	Portion in Cherokee National Forest.
Roaring Creek UT	060101080009046	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008638	Portion in Cherokee National Forest.
Roaring Creek UT	060101080009132	Portion in Cherokee National Forest.
Roaring Creek UT	060101080008746	Portion in Cherokee National Forest.
South Fork Painter Creek	06010108010530	From Painter Creek to origin including tributaries.
Straight Creek	060101080004380	From Dry Creek to origin including tributaries.
Straight Creek	060101080004492	From Dry Creek to origin including tributaries.
Straight Creek	060101080004403	From Dry Creek to origin including tributaries.
Straight Creek	060101080004397	From Dry Creek to origin including tributaries.

Straight Creek	06010108004451	From Dry Creek to origin including tributaries.
Straight Creek	06010108004409	From Dry Creek to origin including tributaries.
Straight Creek	06010108004223	From Dry Creek to origin including tributaries.
Straight Creek	06010108004324	From Dry Creek to origin including tributaries.
Straight Creek	06010108004815	From Dry Creek to origin including tributaries.
Straight Creek	06010108004526	From Dry Creek to origin including tributaries.
Straight Creek	06010108004278	From Dry Creek to origin including tributaries.
Straight Creek	06010108004700	From Dry Creek to origin including tributaries.
Straight Creek	06010108004606	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004385	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004413	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004410	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004701	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004527	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004434	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004224	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004381	From Dry Creek to origin including tributaries.
Straight Creek UT		From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004493	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004452	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004325	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004412	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004386	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004607	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004277	From Dry Creek to origin including tributaries.
Straight Creek UT	06010108004398	From Dry Creek to origin including tributaries.
Sulphur Springs Branch	06010108001901	From Clark Creek to origin including tributaries.
Sulphur Springs Branch		From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT		From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT		From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT		From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT		From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	06010108008155	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	06010108008443	From Clark Creek to origin including tributaries.

Sulphur Springs Branch UT	060101080008087	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	060101080008039	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	060101080008209	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	060101080008382	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT		From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	060101080008348	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	060101080008099	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT		From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	060101080008150	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	060101080008098	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	060101080008132	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	060101080008063	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT		From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT	060101080008283	From Clark Creek to origin including tributaries.
Sulphur Springs Branch UT		From Clark Creek to origin including tributaries.
Tellico Branch UT	060101080006830	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006530	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006558	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006720	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006601	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006646	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006697	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006563	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006810	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006756	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006503	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006681	Portion in Cherokee National Forest.
Tellico Branch UT	060101080001263	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006687	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006790	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006600	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006609	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006771	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006624	Portion in Cherokee National Forest.

Tellico Branch UT	060101080006564	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006502	Portion in Cherokee National Forest.
Tellico Branch UT	060101080006638	Portion in Cherokee National Forest.
Catbird Creek	060101030001100	From Watauga River to origin including tributaries.
Catbird Creek	060101030001101	From Watauga River to origin including tributaries.
Catbird Creek UT	060101030005688	From Watauga River to origin including tributaries.
Catbird Creek UT	060101030001102	From Watauga River to origin including tributaries.
Sinking Creek	060101030000327	From Watauga River to origin including tributaries.
Sinking Creek	060101030000327	From Watauga River to origin including tributaries.
Sinking Creek	060101030006055	From Watauga River to origin including tributaries.
Sinking Creek	060101030006054	From Watauga River to origin including tributaries.
Sinking Creek	060101030006040	From Watauga River to origin including tributaries.
Sinking Creek	060101030006019	From Watauga River to origin including tributaries.
Sinking Creek	060101030006042	From Watauga River to origin including tributaries.
Sinking Creek	060101030000325	From Watauga River to origin including tributaries.
Sinking Creek	060101030000326	From Watauga River to origin including tributaries.
Sinking Creek	060101030006050	From Watauga River to origin including tributaries.
Sinking Creek	060101030006053	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030006029	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030006107	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030006105	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030006007	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030005973	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030005787	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030005684	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030006106	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030006034	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030006077	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030005924	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030005213	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030005913	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030006085	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030006134	From Watauga River to origin including tributaries.
Sinking Creek UT	060101030006086	From Watauga River to origin including tributaries.

Sinking Creek UT	06010103006124	From Watauga River to origin including tributaries.
Sinking Creek UT	06010103005897	From Watauga River to origin including tributaries.
Sinking Creek UT	06010103006090	From Watauga River to origin including tributaries.
Sinking Creek UT	06010103005765	From Watauga River to origin including tributaries.
Sinking Creek UT	06010103005962	From Watauga River to origin including tributaries.
Sinking Creek UT	06010103006006	From Watauga River to origin including tributaries.
Sinking Creek UT	06010103005630	From Watauga River to origin including tributaries.
Sinking Creek UT	06010103006112	From Watauga River to origin including tributaries.
Sinking Creek UT	06010103005929	From Watauga River to origin including tributaries.
Sinking Creek UT	06010103001099	From Watauga River to origin including tributaries.
Sinking Creek UT	06010103001098	From Watauga River to origin including tributaries.
Beards Creek	06010108001917	
Beards Creek UT	06010108008921	
Beards Creek UT	06010108001916	
Beards Creek UT	06010108008891	
Beards Creek UT	06010108008895	
Beards Creek UT	06010108008955	
Beards Creek UT	06010108008922	
Beards Creek UT	06010108008896	
Beards Creek UT	06010108008755	
Beards Creek UT	06010108008820	
Little Cherokee Creek UT	06010108001230	
Little Cherokee Creek UT	06010108004859	
Little Cherokee Creek UT	06010108004843	
Little Cherokee Creek UT	06010108001226	
Little Cherokee Creek UT	06010108001222	
Little Cherokee Creek UT	06010108001229	
Little Cherokee Creek UT	06010108004313	
Little Cherokee Creek UT	06010108004964	
Little Cherokee Creek UT	06010108004327	
Little Cherokee Creek UT	06010108004304	
Little Cherokee Creek UT	06010108001221	
Little Cherokee Creek UT	06010108004498	
Little Cherokee Creek UT	06010108004300	

Little Cherokee Creek UT	06010108004364
Little Cherokee Creek UT	06010108001228
Little Cherokee Creek UT	06010108001222
Nolichucky River UT	06010108007104
Nolichucky River UT	06010108001886
Nolichucky River UT	06010108007132
Nolichucky River UT	06010108007004
Nolichucky River UT	06010108006746
Nolichucky River UT	06010108006660
Nolichucky River UT	06010108006548
Nolichucky River UT	06010108007079
Nolichucky River UT	06010108006295
Nolichucky River UT	06010108006357
Nolichucky River UT	06010108006647
Nolichucky River UT	06010108006345
Nolichucky River UT	06010108006369
Nolichucky River UT	06010108008120
Nolichucky River UT	06010108008695
Nolichucky River UT	06010108007185
Nolichucky River UT	06010108006625
Nolichucky River UT	06010108006337
Nolichucky River UT	06010108007197
Nolichucky River UT	06010108006747
Nolichucky River UT	06010108007274
Nolichucky River UT	06010108007195
Nolichucky River UT	06010108001893
Nolichucky River UT	06010108006195
Nolichucky River UT	06010108006897
Nolichucky River UT	06010108007113
Nolichucky River UT	06010108006271
Nolichucky River UT	06010108007170
Nolichucky River UT	06010108008389
Nolichucky River UT	06010108008656
Nolichucky River UT	06010108006775

Nolichucky River UT	06010108007208
Nolichucky River UT	06010108007021
Nolichucky River UT	06010108007021
Nolichucky River UT	06010108001887
Nolichucky River UT	06010108007105
Nolichucky River UT	06010108001914
Nolichucky River UT	06010108006761
Nolichucky River UT	06010108006863
Nolichucky River UT	06010108006849
Nolichucky River UT	06010108006750
Nolichucky River UT	06010108006547
Nolichucky River UT	06010108008272
Nolichucky River UT	06010108006367
Nolichucky River UT	06010108007124
Nolichucky River UT	06010108008076
Nolichucky River UT	06010108007136
Nolichucky River UT	06010108005984
Nolichucky River UT	06010108007127
Nolichucky River UT	06010108006927
Nolichucky River UT	06010108008022
Nolichucky River UT	06010108007198
Nolichucky River UT	06010108001885
Nolichucky River UT	06010108006997
Nolichucky River UT	06010108006842
Nolichucky River UT	06010108002205
Nolichucky River UT	06010108006334
Nolichucky River UT	06010108007169

2019-2020 Annual Report – Washington County, Tennessee Question 2.B TMDL Streams List

E. Coli Impaired Streams

ID	WATER_NAME	WATER_SIZE	ATTAINMENT	CAUSE_NAME
TN06010108030_1000	Big Limestone Creek	3.10	Not Supporting	Escherichia coli
TN06010108030_2000	Big Limestone Creek	8.80	Not Supporting	Escherichia coli
TN06010108030_0410	Blackley Creek	16.00	Not Supporting	Escherichia coli
TN06010103006_1000	Boones Creek	19.31	Not Supporting	Escherichia coli
TN06010103009_1000	Brush Creek	20.30	Not Supporting	Escherichia coli
TN06010103006_0100	Carroll Creek	4.30	Not Supporting	Escherichia coli
TN06010108030_0220	Carson Creek	17.90	Not Supporting	Escherichia coli
TN06010103635_0100	Cash Hollow Creek	3.48	Not Supporting	Escherichia coli
TN06010102702_1000	Cedar Creek	10.10	Not Supporting	Escherichia coli
TN06010108030_0100	Cedar Creek	3.30	Not Supporting	Escherichia coli
TN06010108035_1900	Clear Creek	19.90	Not Supporting	Escherichia coli
TN06010108030_0400	Clear Fork	12.00	Not Supporting	Escherichia coli
TN06010103635_0200	Cobb Creek	4.50	Not Supporting	Escherichia coli
TN06010102047_0100	Ford Creek	5.50	Not Supporting	Escherichia coli
TN06010108510_0400	Hominy Branch	7.00	Not Supporting	Escherichia coli
TN06010102003_3000	Horse Creek	4.35	Not Supporting	Escherichia coli
TN06010108030_0200	Jockey Creek	8.00	Not Supporting	Escherichia coli
TN06010103635_1000	Knob Creek	12.30	Not Supporting	Escherichia coli
TN06010108510_3000	Little Limestone Creek	5.94	Not Supporting	Escherichia coli
TN06010108510_1000	Little Limestone Creek	8.00	Not Supporting	Escherichia coli
TN06010108510_2000	Little Limestone Creek	7.56	Not Supporting	Escherichia coli
TN06010102003_0100	Mill Creek	6.60	Not Supporting	Escherichia coli
TN06010108030_0430	Muddy Fork	23.80	Not Supporting	Escherichia coli
TN06010102702_0100	Possum Creek	3.90	Not Supporting	Escherichia coli
TN06010102047_0200	Red River	6.60	Not Supporting	Escherichia coli
TN06010103061_1000	Reedy Creek	10.70	Not Supporting	Escherichia coli
TN06010103046_1000	Sinking Creek	10.00	Not Supporting	Escherichia coli
TN06010102003_0200	Unnamed trib to Horse Creek	3.80	Not Supporting	Escherichia coli

Habitat Impaired Streams

ID	WATER_NAME	WATER_SIZE	ATTAINMENT	CAUSE_NAME
TN06010102702_1000	Cedar Creek	10.10	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108030_0431	Leesburg Branch	3.40	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108510_0200	Bacon Branch	4.60	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108510_0400	Hominy Branch	7.00	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010102003_0200	Unnamed trib to Horse Creek	3.80	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103635_0200	Cobb Creek	4.50	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108030_0400	Clear Fork	12.00	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103635_1000	Knob Creek	12.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103006_1000	Boones Creek	19.31	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103006_0100	Carroll Creek	4.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108010_1300	Keplinger Branch	5.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103635_0100	Cash Hollow Creek	3.48	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108030_0410	Blackley Creek	16.00	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108010_1200	Knave Branch	4.60	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010102702_0100	Possurn Creek	3.90	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108510_0500	Onion Creek	4.00	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108010_1400	Lebanon Branch	1.90	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010103009_1000	Brush Creek	20.30	Not Supporting	Other anthropogenic substrate alterations
TN06010108510_3000	Little Limestone Creek	5.94	Not Supporting	Physical substrate habitat alterations
TN06010108510_0300	Feist Branch	2.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108010_0900	Snapp Branch	1.90	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108510_2000	Little Limestone Creek	7.56	Not Supporting	Physical substrate habitat alterations
TN06010108030_0100	Cedar Creek	3.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108536_0200	Little Cherokee Creek	7.20	Not Supporting	Physical substrate habitat alterations
TN06010108510_0100	Brown Branch	8.30	Not Supporting	Alteration in stream-side or littoral vegetative covers
TN06010108030_0420	Unnamed Trib to Clear Fork	6.90	Not Supporting	Alteration in stream-side or littoral vegetative covers

Siltation Impaired Waterbodies and Streams

ID	WATER_NAME	WATER_SIZE	ATTAINMENT	CAUSE_NAME		
TN06010103006_0100	Carroll Creek	4.30	Not Supporting	Sedimentation/Siltation		
TN06010108030_0220	Carson Creek	17.90	Not Supporting	Sedimentation/Siltation		
TN06010108030_0431	Leesburg Branch	3.40	Not Supporting	Sedimentation/Siltation		
TN06010108030_0100	Cedar Creek	3.30	Not Supporting	Sedimentation/Siltation		
TN06010108010_1300	Keplinger Branch	5.30	Not Supporting	Sedimentation/Siltation		
TN06010108010_1400	Lebanon Branch	1.90	Not Supporting	Sedimentation/Siltation		
TN06010108030_0420	Unnamed Trib to Clear Fork	6.90	Not Supporting	Sedimentation/Siltation		
TN06010108510_0300	Feist Branch	2.30	Not Supporting	Sedimentation/Siltation		
TN06010108010_1200	Knave Branch	4.60	Not Supporting	Sedimentation/Siltation		
TN06010103635_0200	Cobb Creek	4.50	Not Supporting	Sedimentation/Siltation		
TN06010103635_1000	Knob Creek	12.30	Not Supporting	Sedimentation/Siltation		
TN06010108030_2000	Big Limestone Creek	8.80	Not Supporting	Sedimentation/Siltation		
TN06010108510_0100	Brown Branch	8.30	Not Supporting	Sedimentation/Siltation		
TN06010102047_0100	Ford Creek	5.50	Not Supporting	Sedimentation/Siltation		
TN06010108536_0200	Little Cherokee Creek	7.20	Not Supporting	Sedimentation/Siltation		
TN06010108035_1900	Clear Creek	19.90	Not Supporting	Sedimentation/Siltation		
TN06010108010_0900	Snapp Branch	1.90	Not Supporting	Sedimentation/Siltation		
TN06010108510_0500	Onion Creek	4.00	Not Supporting	Sedimentation/Siltation		
TN06010103046_0100	Catbird Creek	5.70	Not Supporting	Sedimentation/Siltation		
TN06010103006_1000	Boones Creek	19.31	Not Supporting	Sedimentation/Siltation		
TN06010103009_1000	Brush Creek	20.30	Not Supporting	Sedimentation/Siltation		
TN06010108030_0200	Jockey Creek	8.00	Not Supporting	Sedimentation/Siltation		
TN06010108510_0200	Bacon Branch	4.60	Not Supporting	Sedimentation/Siltation		
TN06010102702_1000	Cedar Creek	10.10	Not Supporting	Sedimentation/Siltation		
TN06010108010_3000	Nolichucky River	22.60	Not Supporting	Sedimentation/Siltation		
ID	WATER_NAME	ID305B	WATER_SIZE	WATER_TYPE	ATTAINMENT	CAUSE_NAME
TN06010108010_3000	Nolichucky River	TN06010108010_3000	22.60	RIVER	Not Supporting	Sedimentation/Siltation

2019-2020 Annual Report – Washington County, Tennessee Question 2.C Streams List

Exceptional Tennessee Waters

HUC #	Watershed Name	Waterbody	Description
6010103	Watauga	Catbird Creek	Portion in Cherokee NF.
6010108	Nolichucky	Jackson Creek	Portion in Cherokee NF.
6010108	Nolichucky	Joshua Branch	Portion in Cherokee NF.
6010108	Nolichucky	Katy Branch	Portion in Cherokee National Forest.
6010108	Nolichucky	Millstone Creek	Portion in Cherokee National Forest.
6010108	Nolichucky	Ramsey Creek	From Dry Creek to origin including tributaries.
6010108	Nolichucky	Roaring Creek	Portion in Cherokee National Forest.
6010108	Nolichucky	Sulphur Spring Branch	From Clark Creek to origin including tributaries.
6010108	Nolichucky	Tellico Branch	Portion in Cherokee National Forest.
6010108	Nolichucky	Briar Creek	From Dry Creek to origin including tributaries.
6010108	Nolichucky	Cassi Creek including Middle Fork	Nolichucky River to headwaters including all tributaries
6010108	Nolichucky	Deacon Creek	Portion in Cherokee National Forest.
6010108	Nolichucky	Dry Creek	From Nolichucky River to origin including tributaries.
6010108	Nolichucky	Flatrock Branch	From Painter Creek to origin including tributaries.
6010108	Nolichucky	East Fork Cassi Creek	From Cassi Creek to origin including all tributaries
6010108	Nolichucky	West Fork Cassi Creek	From Cassi Creek to origin including all tributaries
6010108	Nolichucky	Straight Creek (trib to Dry Creek)	From Dry Creek to origin including tributaries.
6010108	Nolichucky	Bumpus Cove Creek	From Nolichucky River to origin including tributaries.



WASHINGTON COUNTY, TENNESSEE
COUNTY ZONING Office
P. O. BOX 417
JONESBOROUGH, TENNESSEE 37659

OFFICE (423) 753-1753
FAX (423) 753-1824

Memo

To: File
From: Christopher Pape, GISP
CC: Angie Charles, AICP
Date: August 25, 2020
Re: 2019-2020 Annual Report Question 7.A Addendum

In response to answering no to the following points of question 7.A, the following justification is given:

Snow disposal areas – Washington County, Tennessee does not currently have any Snow Disposal Areas.



WASHINGTON COUNTY, TENNESSEE
COUNTY ZONING DEPARTMENT
P. O. BOX 417
JONESBOROUGH, TENNESSEE 37659

WWW.WCTNDEVELOPMENTSERVICES.ORG

OFFICE (423) 753-1753
FAX (423) 753-1824

Operations and Maintenance Plan **For Public Parking Lots**

Updated September 2019

General

As part of the MS4 Stormwater Program, the County is required to develop and implement an operations and maintenance program to prevent or reduce pollutant runoff from public parking lots.

Training

Employees responsible for operations and maintenance of County facilities shall be provided sufficient training to identify and prevent or reduce stormwater pollution. New employees should be trained within 6 months of their hire date. Existing employees should have training or re-training at least once every 5 years.

Potential Pollutants

Potential pollutants on public parking lots are, but not limited to, the following:

- Mechanical fluids such as oil, grease, fuel, etc. from vehicles
- Metal brake dust from vehicles
- Spills from accidents
- Debris and trash
- Salt or other chemical use for safety during winter weather events
- Sediment
- Nutrients from fertilizer
- Pesticides or herbicides

It is important to collect, absorb, or prevent pollutants from being washed from the parking lot surfaces because they then enter the storm drain system. Once in the storm drain system, it is difficult to prevent the pollutants from reaching the streams within the County limits.

Operations

Spills and Vehicle Accidents

The Street Department should discuss spill prevention and cleanup with the Police and Fire Departments so that spills can be contained quickly before they reach the storm drain system. The Street and Fire Departments should have spill kits with absorbent

material available at short notice. They should also have other devices such as spill control booms or socks or other devices to place in swales and ditches or around storm inlets to stop the spill from reaching the storm drain system.

Trash and Debris Pickup

Trash and debris should be collected as noticed during normal day to day operations and when citizen complaints or information is provided. All collected trash and debris shall be disposed of properly. At least once a quarter during the year, the Street Department (and/or other departments) should make a specific detailed visual inspection of the parking lots to collect trash and debris. This could be done in conjunction with the storm drain system inspections.

Street Cleaning

If the County has a street cleaner/sweeper, a maintenance schedule should be created for a periodic cleaning/sweeping of the public parking lots. All collected material shall be disposed of properly.

Winter Weather Safety

While the use of salt or other chemicals to maintain safe parking lots during winter weather events are necessary, the operators of the equipment should be well trained in their use so that excessive salts or chemicals are not applied. The spreading of the salts or chemicals should be carefully applied near streams or near storm drain systems that discharge directly into a stream.

Erosion

The parking lots should be inspected on at least a quarterly basis for bare soil and erosion. The inspection can occur in conjunction with other routine operations and does not need to be a separate inspection. If bare soils or erosion are present, schedule needed repairs to occur in a timely manner.

Storm Drain System

See Public Street and Storm Drain System Operation and Maintenance Plan for any storm drain system in the parking lots.



WASHINGTON COUNTY, TENNESSEE
COUNTY ZONING DEPARTMENT
P. O. BOX 417
JONESBOROUGH, TENNESSEE 37659

WWW.WCTNDEVELOPMENTSERVICES.ORG

OFFICE (423) 753-1753
FAX (423) 753-1824

Operations and Maintenance Plan **For Public Streets and Public Storm Drain System**

Updated September 2019

General

As part of the MS4 Stormwater Program, the County is required to develop and implement an operations and maintenance program to prevent or reduce pollutant runoff from public streets and storm drain system.

Training

Employees responsible for operations and maintenance of County facilities shall be provided sufficient training to identify and prevent or reduce stormwater pollution. New employees should be trained within 6 months of their hire date. Existing employees should have training or re-training at least once every 5 years.

Potential Pollutants

Potential pollutants on streets are, but not limited to, the following:

- Mechanical fluids such as oil, grease, fuel, etc. from vehicles
- Metal brake dust from vehicles
- Spills from accidents
- Debris and trash
- Salt or other chemical use for safety during winter weather events
- Sediment

It is important to collect, absorb, or prevent pollutants from being washed from the road surfaces because they then enter the storm drain system. Once in the storm drain system, it is difficult to prevent the pollutants from reaching the streams within the County limits.

Street Operations

Spills and Vehicle Accidents

The Highway Department should discuss spill prevention and cleanup with the Sheriff and Fire Departments so that spills can be contained quickly before they reach the storm drain system. The Highway and Fire Departments should have spill kits with absorbent material available at short notice. They should also have other devices such as erosion control booms or socks or devices to place in swales and ditches or around storm inlets to stop the spill from reaching the storm drain system.

Trash and Debris Pickup

Large expanses of trash and debris in or along the streets should be collected as noticed during normal day to day operations and when citizen complaints or information is provided. All collected trash and debris shall be disposed of properly.

Winter Weather Safety

While the use of salt or other chemicals to maintain safe streets during winter weather events are necessary, the operators of the equipment should be well trained in their use so that excessive salts or chemicals are not applied. The spreading of the salts or chemicals should be carefully applied near streams or near storm drain systems that discharge directly into a stream.

Erosion

The street rights of way should be inspected on at least a quarterly basis for bare soil and erosion. The inspection can occur in conjunction with other routine operations and does not need to be a separate inspection. If bare soils or erosion are present, schedule needed repairs to occur in a timely manner.

Public Storm Drain System

The public storm drain system consists of the following components within public rights of way and public easements:

- Inlets and catch basins
- Underground pipes and culverts
- Outlet protection such as rip rap at the outfall ends of pipe and culverts
- Swales and ditches

The storm drain system should be inspected at least an annual basis for maintenance needs, accumulated solids, erosion, illicit discharges, and illegal connections.

Illicit Discharges and Illegal Connections

An illicit discharge into the storm drain system is essentially anything other than rainwater ("Only Rain Down the Drain"). In addition to accumulated debris, trash, and sediment, the County Personnel should look for evidence of illicit discharges such as petroleum products, chemicals, pet waste, etc. and report any findings to the County's Stormwater Manager.

The County personnel should also look for any illegal connections to the storm drain system which could include pipes from building floor drains or drains from washing machines.

See County's Illicit Discharge and Illegal Connection Ordinance and Standard Operating Procedures for detailed information on these subjects.

Inlets and Catch Basins

Remove and dispose of properly any accumulated sediment, debris, or trash from the grate or throat opening and from the interior of the structure. Look for signs of illicit discharge into the system such as an unknown pipe into the structure. Note any maintenance needs and schedule repairs to occur in a timely manner.

Underground Pipe and Culverts

Remove and dispose of properly any accumulated sediment, debris, or trash from the pipes. Note any maintenance needs and schedule repairs to occur in a timely manner. Inspect the entry and exit to culverts for signs of erosion around the pipe. Inspect the exit of the pipes for any signs of erosion on the ground surface and provide or improve outlet protection such as rip rap. Schedule any needed repairs to occur in a timely manner.

Swales and Ditches

Remove and dispose of properly any accumulated sediment, debris, or trash from the conveyances. Inspect them for signs of erosion or bare soils. Schedule any needed repairs including stabilization of bare soils to occur in a timely manner.