

City Of Elizabethton, TN



Attachments to the  
2014 Annual Stormwater Report

PUBLIC NOTICE

Section 5.4 of the City of Elizabethton National Pollutant Discharge Elimination System Permit No. TNS075281 for discharges from the City stormwater system requires the following:

The City must submit an annual stormwater program report to the Tennessee Department of Environment and Conservation by September 30 of each calendar year that covers the previous fiscal year. The City may fulfill this requirement by submitting the report via e-mail. Prior to submitting the annual report to the State, the City must present the annual report at a public hearing for suggestions and comment.

The Public Hearing will be held at the City Council Chamber, City Hall, 136 South Sycamore Street, Elizabethton, TN 37643 at 5 P.M. on Thursday, September 4, 2014.

Copies of the report will be available for public viewing as follows starting Wednesday, August 27, 2014.

1. Paper copies will be available at the Elizabethton Public Library on E Street.
2. Paper copies will be available in the Building Department at City Hall (see address above).
3. Electronic copies will be available on the City's stormwater web page (<http://www.elizabethton.org/government/stormwater/>).



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Jerome Kitchens, City Manager

Please run one time, Wednesday, August 27, 2014.

**City of Elizabethton**  
**MS4 Permit Annual Report**  
**TNSO75281**  
**July 1, 2013 to June 30, 2014**

**Additional Information for Section 2B:**

List of Impaired Waters within the City's jurisdiction based on TDEC's Final 2012 303(d) list, <http://www.tn.gov/environment/water/docs/wpc/2012-final-303d-list.pdf>.

**Table 1. Impaired Waters Within the City of Elizabethton**

Waterbody Name/ID	Miles Impaired	Cause	Pollutant Source	Comments
WATAUGA RIVER TN06010103008 - 2000	4.4	Temperature Alterations	Upstream Impoundment <b>Note: MS4 Discharges not listed as a source.</b>	Stream is Category 5. (One or more uses impaired.)
BUFFALO CREEK TN06010103011 - 1000	6.08	Nitrate+Nitrite Escherichia coli	Pasture Grazing <b>Note: MS4 Discharges not listed as a source.</b>	Stream is Category 5. (One or more uses impaired.)
DAVIS BRANCH TN06010103008 - 0400	5.9	Habitat loss due to stream flow alteration Alteration in stream-side or littoral vegetative cover	Discharges from MS4 area Upstream Impoundment	Stream is Category 4a. EPA approved a habitat/siltation TMDL that addresses the known pollutants.
GAP BRANCH TN06010103008 - 0800	15.93	Nitrate+Nitrite Loss of biological integrity due to siltation Alteration in stream-side or littoral vegetative cover Escherichia coli	Discharges from MS4 area Streambank Modification Septic Tanks	Category 5. EPA approved a habitat/siltation TMDL that addresses some of the known pollutants.

**Additional Information for Section 2D and 2E:**

2D. Do you have discharges to any Exceptional TN Waters (ETWs) or Outstanding National Resource Waters (ORNWs)?

Answer: Yes.

**Support Information**

Source of information is the list entitled "The Known Exceptional Tennessee Waters and Outstanding National Resource Waters", found at the following web-link: [http://environment-online.state.tn.us:7654/pls/enf\\_reports/f?p=9034:34304:14319233144127](http://environment-online.state.tn.us:7654/pls/enf_reports/f?p=9034:34304:14319233144127)

**Table 2. Exceptional TMDL Waters and Outstanding Resource Waters**

HUC	Watershed Name	Waterbody	County	Description	Basis for Inclusion	From Lat	To Lat	From Long	To Long
06010103	Watauga	Watauga River including unnamed tributaries	Carter	Portion in Sycamore Shoals State Natural Area from River Mile 23.2 to 23.6 including unnamed tributaries within the park.	Sycamore Shoals SNA	36.3465	36.3405	-82.2557	-82.2573
6010103	Watauga	Watauga River Unnamed Tributary	Carter	From Watauga River at River Mile 23.5 through Sycamore Shoals State Natural Area to park boundary.	Sycamore Shoals SNA	36.3442	36.3423	-82.2557	-82.2525

2E. Are you implementing additional specific provisions to ensure the continued integrity of ETWs or ONRWs located within your jurisdiction?

Answer: Yes.

**Support Information**

*The City of Elizabethton implements best management practices as outlined in the City's Notice of Intent and this Annual Report for compliance with the small MS4 permit city-wide. Therefore, relevant stormwater management activities, which include but are not limited to, construction site runoff management and the requirements and policies for permanent stormwater management, are implemented in areas that discharge to the ETWs or ONRWs. For example, the City's construction site management program*

Program Name	MS4 Permit	Huc 8	Huc 12	Huc 12 Name	Type	Category	Scientific Name	Common Name	Global Rank	State Rank	Fed Status	State Status	Habitat Description	Wet Habitat Flag
Elizabethton	TNS075281	6010103	60101030505	Gap Creek-Watauga river	Vascular Plant	Flowering Plant	Meehania cordata	Heartleaf Meehania	G5	S2	--	T	Wooded Mountain Slopes	Upland
Elizabethton	TNS075281	6010103	60101030405	Doe River Lower	Vascular Plant	Flowering Plant	Meehania cordata	Heartleaf Meehania	G5	S2	--	T	Wooded Mountain Slopes	Upland
Elizabethton	TNS075281	6010103	60101030502	Buffalo Creek	Invertebrate Animal	Arachnid	Nesticus paynei	A Cave Spider	G3G4	S3	--	--	Terrestrial cave associate; also may be found on surface; northern Ridge & Valley.	Upland
Elizabethton	TNS075281	6010103	60101030505	Gap Creek-Watauga river	Vascular Plant	Flowering Plant	Parnassia grandifolia	Large-leaved Grass-of-parnassus	G3	S3	--	S	Calcareous Seeps	Possible
Elizabethton	TNS075281	6010103	60101030502	Buffalo Creek	Vascular Plant	Flowering Plant	Parnassia grandifolia	Large-leaved Grass-of-parnassus	G3	S3	--	S	Calcareous Seeps	Possible
Elizabethton	TNS075281	6010103	60101030503	Sinking Creek	Vascular Plant	Flowering Plant	Parnassia grandifolia	Large-leaved Grass-of-parnassus	G3	S3	--	S	Calcareous Seeps	Possible
Elizabethton	TNS075281	6010103	60101030505	Gap Creek-Watauga river	Vertebrate Animal	Bird	Tyto alba	Barn Owl	G5	S3	--	D	Open and partly open country, often around human habitation; farms.	Upland
Elizabethton	TNS075281	6010103	60101030505	Gap Creek-Watauga	Vertebrate Animal	Mammal	Myotis grisescens	Gray Myotis	G3	S2	LE	E	Cave obligate year-round;	Upland

Program Name	MS4 Permit	Huc 8	Huc 12	Huc 12 Name	Type	Category	Scientific Name	Common Name	Global Rank	State Rank	Fed Status	State Status	Habitat Description	Wet Habitat Flag
				river									frequents forested areas; migratory.	



# United States Department of the Interior

FISH AND WILDLIFE SERVICE

446 Neal Street  
Cookeville, TN 38501

August 20, 2014

Mr. Joseph Barnett  
Stormwater Coordinator  
City of Elizabethton  
729 South Sycamore Street  
Elizabethton, Tennessee 37643

Re: FWS #14-EC-0081

Dear Mr. Barnett:

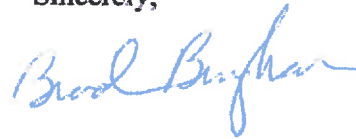
Thank you for your e-mail received July 28, 2014, regarding compliance with the Endangered Species Act (ESA) in reporting requirements for the City of Elizabethton Small MS4 permit (TNS075281) program in Carter County, Tennessee. We appreciate the detailed information regarding monitored outfall locational data. U.S. Fish and Wildlife Service personnel have reviewed this information and offer the following comments.

Review of our endangered species database indicates that the federally endangered gray bat (*Myotis grisescens*) occurs within the jurisdictional boundaries of the City of Elizabethton stormwater management program. While there are presently no known records in your jurisdiction, the recently proposed federally endangered Northern long-eared bat (*Myotis septentrionalis*) and endangered Indiana bat (*Myotis sodalis*) may be found in trees with appropriate summer roost habitat along waterways. We appreciate the efforts of Elizabethton's stormwater management program in helping to ensure that the quantity and quality of stormwater discharges from development activities in upland areas protect the water quality of the receiving streams within your jurisdictional boundaries and in downstream areas.

Thank you for the opportunity to comment. If you have any questions, please contact Steve Alexander of my staff at 931/528-6481, ext. 210, or via e-mail at [steven\\_alexander@fws.gov](mailto:steven_alexander@fws.gov).

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Sincerely,



*Acting for*

Mary E. Jennings  
Field Supervisor

XC: Robert Karesh, TDEC, Nashville  
Paul Higgins, TDEC, Nashville



*requires and oversees that applicable land developments comply with the State of Tennessee General Permit Number TNR100000 "Stormwater Discharges from Construction Activities", including section 5.4 entitled "Discharges into Impaired or Exceptional Tennessee Waters".*

**Additional Information for Section 4H:**

Summary list of records of public education, outreach, involvement and participation activities:

1. Memorandum from teaching staff at Elizabethton High School on the implementation of related curriculum studies;
2. Invoices for City membership in Boone Watershed Partnership, Inc.;
3. Meeting agendas for City participation on the Board of Boone Watershed Partnership, Inc. (six Board meetings per year);
4. City participation in general meetings, including facility space and services (Awards Program, Cleanups, etc.); and
5. Information from Tennessee Broadcaster Association (TAB), including contract agreement, invoices and number of messages aired.

## 2014 Elizabethton Stormwater Expenses

<u>Department</u>	<u>Description</u>	<u>Cost</u>
<b>Engineering</b>	Architectural/Engineering Fees	\$22,000.00
	Contracted Services	\$2,000.00
	Operating Supplies	\$2,000.00
	State Fees-Phase II NPDES	\$3,460.00
	Salary/Wages/Benefits Cost	\$78,399.24
	Vehicle Cost	\$3,857.00
	<b>Subtotal</b>	<b>\$111,716.24</b>
<b>Building</b>	Salary/Wages/Benefits Cost	\$11,986.40
	<b>Subtotal</b>	<b>\$11,986.40</b>
<b>Planning</b>	Salary/Wages/Benefits Cost	\$18,573.95
	<b>Subtotal</b>	<b>\$18,573.95</b>
<b>Street</b>	Materials	\$2,200.00
	Salary/Wages/Benefits Cost	\$14,894.52
	<b>Subtotal</b>	<b>\$17,094.52</b>
	<b>Total</b>	<b>\$159,371.10</b>

