



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)

Municipal Separate Storm Sewer System (MS4) Annual Report

1. MS4 INFORMATION

CITY OF ELIZABETHTON

TNSO75281

Name of MS4

MS4 Permit Number

Joseph Barnett, Stormwater

jbarnett@cityofelizabethton.org

Name of Contact Person

Email Address

423-547-6240

Telephone (including area code)

136 South Sycamore Street

Mailing Address

Elizabethton

TN

37643

City

State

ZIP code

What is the current population of your MS4? 14,176

What is the reporting period for this annual report? From July 1, 2014 to June 30, 2015

2. WATER QUALITY PRIORITIES (SECTION 3.1)

- A. Does your MS4 discharge into waters listed as impaired on TN's most current 303(d) list and/or according to the on-line GIS mapping tool? ☒ Yes ☐ No
- B. If yes, please attach a list all impaired waters within your jurisdictional area.
- C. Does your MS4's jurisdictional area contain any waterbodies where a TMDL has been approved for parameters other than pathogens, siltation and habitat alterations? If yes, please attach a list. ☐ Yes ☒ No
- D. Does your MS4 discharge to any Exceptional TN Waters (ETWs) or Outstanding National Resource Waters (ONRWs)? If yes, please attach a list. ☐ Yes ☒ No
- E. Are you implementing additional specific provisions to ensure the continued integrity of ETWs or ONRWS located within your jurisdiction? ☒ Yes ☐ No

3. PROTECTION OF STATE OR FEDERALLY LISTED SPECIES (SECTION 3.2.1 General Permit for Phase II MS4s)

- A. Are there any state or federally listed species within the MS4's jurisdiction? ☒ Yes ☐ No
- B. Are any of the MS4 discharges or discharge-related activities likely to jeopardize any state or federally listed species? ☐ Yes ☒ No
- C. Please attach any authorizations or determinations by U.S. Fish & Wildlife Service on the effect of the MS4 discharges on state or federally listed species.

4. PUBLIC EDUCATION AND PUBLIC PARTICIPATION (SECTION 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 of those pollutants, such as Hot Spots? ☒ Yes ☐ No

Municipal Separate Storm Sewer System (MS4) Annual Report

C. If yes, what are the specific causes, sources and/or pollutants addressed by your public education program? Sediment, bacteria, hydrocarbons and litter

D. Note specific successful outcome(s) (NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period. Educated approximately 60 high school students with the Back the Brookie Program. The City participates in the TAB radio program which airs messages on commercial, noncommercial, religious and college radio stations.

E. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your stormwater program? ☐ Yes ☒ No

F. How do you facilitate, advertise, and publicize public involvement and participation opportunities? Website, Participation in Boone Watershed Partnership, Inc.

G. Do you have a webpage dedicated to your stormwater program? ☒ Yes ☐ No

If so, what is the link/URL:

http://www.elizabethton.org/departments/utilities/stormwater_quality_program.php

H. Are you tracking and maintaining records of public education, outreach, involvement and participation activities? Please attach a summary of these activities. ☒ Yes ☐ No

5. ILLICIT DISCHARGE DETECTION AND ELIMINATION (SECTION 4.2.3)

A. Have you completed a map of all outfalls and receiving waters of your storm sewer system? ☒ Yes ☐ No

B. Have you completed a map of all storm drain pipes of storm sewer system? ☐ Yes ☒ No

C. How many outfalls have you identified in your system? 102

D. Have any of these outfalls been screened for dry weather discharges? ☒ Yes ☐ No

F. What is your frequency for screening outfalls for illicit discharges? 20%/year

G. Do you have an ordinance that effectively prohibits illicit discharges? ☒ Yes ☐ No

H. During this reporting period, how many illicit discharges/illegal connections have you discovered (or been reported to you)? 1

I. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated? 1

6. CONSTRUCTION SITE STORMWATER RUNOFF (SECTION 4.2.4)

A. Do you have an ordinance or adopted policies stipulating:

Erosion and sediment control requirements? ☒ Yes ☐ No

Other construction waste control requirements? ☒ Yes ☐ No

Requirement to submit construction plans for review? ☒ Yes ☐ No

MS4 enforcement authority? ☒ Yes ☐ No

B. How many active construction sites disturbing at least one acre were there in your jurisdiction this reporting period? 3

C. How many of these active sites did you inspect this reporting period? 3

D. On average, how many times each, or with what frequency, were these sites inspected Monthly (e.g., weekly, monthly, etc.)?

Municipal Separate Storm Sewer System (MS4) Annual Report

- E. Do you prioritize certain construction sites for more frequent inspections? ☒ Yes ☐ No

If Yes, based on what criteria? Slope

7. PERMANENT STORMWATER CONTROLS (SECTION 4.2.5)

- A. Do you have an ordinance or other mechanism to require:

Site plan reviews of all new and re-development projects? ☒ Yes ☐ No

Maintenance of stormwater management controls? ☒ Yes ☐ No

Retrofitting of existing BMPs with green infrastructure BMPs? ☐ Yes ☒ No

- B. What is the threshold for new/redevelopment stormwater plan review? (e.g., all projects, projects disturbing greater than one acre, etc.) One acre, hotspots

- C. Have you implemented and enforced performance standards for permanent stormwater controls? ☒ Yes ☐ No

- D. Do these performance standards go beyond the requirements found in Section 4.2.5.2 and require that pre-development hydrology be met for:

Flow volumes ☐ Yes ☒ No

Peak discharge rates ☐ Yes ☒ No

Discharge frequency ☐ Yes ☒ No

Flow duration ☐ Yes ☒ No

- E. Please provide the URL/reference where all permanent stormwater management standards can be found.

http://www.elizabethton.org/departments/utilities/stormwater_management_manual1.php

- F. How many development and redevelopment project plans were reviewed for this reporting period? 3

- G. How many development and redevelopment project plans were approved? 3

- H. How many permanent stormwater management practices/facilities were inspected? 32

- I. How many were found to have inadequate maintenance? 3

- J. Of those, how many were notified and remedied within 30 days? (If window is different than 30 days, please specify) 3

- K. How many enforcement actions were taken that address inadequate maintenance? none

- L. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance? ☒ Yes ☐ No

- M. Do all municipal departments and/or staff (as relevant) have access to this tracking system? ☐ Yes ☒ No

- N. Has the MS4 developed a program to allow for incentive standards for redeveloped sites? ☐ Yes ☒ No

- O. How many maintenance agreements has the MS4 approved during the reporting period? 2

8. CODES AND ORDINANCES REVIEW AND UPDATE (SECTION 4.2.5.3)

- A. Is a completed copy of the EPA Water Quality Scorecard submitted with this report? ☐ Yes ☒ No

- B. Include status of implementation of code, ordinance and/or policy revisions associated with permanent stormwater management. A year-long extension was granted by TDEC to May 9, 2016.

Municipal Separate Storm Sewer System (MS4) Annual Report

9. STORMWATER MANAGEMENT FOR MUNICIPAL OPERATIONS (SECTION 4.2.6)

- A. Have stormwater pollution prevention plans (or an equivalent plan) been developed for:
- | | | |
|---|---|-----------------------------|
| All parks, ball fields and other recreational facilities | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| All municipal turf grass/landscape management activities | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| All municipal vehicle fueling, operation and maintenance activities | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| All municipal maintenance yards | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| All municipal waste handling and disposal areas | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
- B. Are stormwater inspections conducted at these facilities? ☒ Yes ☐ No
1. If Yes, at what frequency are inspections conducted? (Yes) The inspection checklists are completed by the appropriate facility contacts quarterly and reviewed by the City Stormwater Coordinator at least annually.
- C. Have standard operating procedures or BMPs been developed for all MS4 field activities? (e.g., road repairs, catch basin cleaning, landscape management, etc.) ☐ Yes ☒ No
- D. Do you have a prioritization system for storm sewer system and permanent BMP inspections? ☐ Yes ☒ No
- E. On average, how frequently are catch basins and other inline treatment systems inspected? 880 a month
- F. On average, how frequently are catch basins and other inline treatment systems cleaned out/maintained? 564 units month
- G. Do municipal employees in all relevant positions and departments receive comprehensive training on stormwater management? ☒ Yes ☐ No
- H. If yes, do you also provide regular updates and refreshers? ☒ Yes ☐ No
- If so, how frequently and/or under what circumstances? The City, in partnership with Johnson City, East Tennessee State University and the City of Bristol, participate in the Northeast Tennessee Regional Stormwater Program Group. The Group procured the services of Amec Foster Wheeler to facilitate the annual training sessions.

10. STORMWATER MANAGEMENT PROGRAM UPDATE (SECTION 4.4)

- A. Describe any changes to the MS4 program during the reporting period including but not limited to:
- Changes adding (but not subtracting or replacing) components, controls or other requirements (Section 4.4.2.a). replaced outdate ordinance
- Changes to replace an ineffective or unfeasible BMP (Section 4.4.2.b). Replace outdated ordinance
- Information (e.g. additional acreage, outfalls, BMPs) on program area expansion based on annexation or newly urbanized areas. N/A
- Changes to the program as required by the division (Section 4.4.3). N/A

11. EVALUATING/MEASURING PROGRESS

- A. What indicators do you use to evaluate the overall effectiveness of your Stormwater Management Program, how long have you been tracking them, and at what frequency? Note that these are not measurable goals for individual BMPs or tasks, but large-scale or long-term metrics for the overall program, such as in-stream macroinvertebrate community indices, measures of effective impervious cover in the watershed, indicators of in-stream hydrologic stability, etc.

Municipal Separate Storm Sewer System (MS4) Annual Report

Indicator	Began Tracking (year)	Frequency	Number of Locations
<i>Example: E. coli</i>	2003	Weekly April–September	20

B. Provide a summary of data (e.g., water quality information, performance data, modeling) collected in order to evaluate the performance of permanent stormwater controls installed throughout the system. This evaluation may include a comparison of current and past permanent stormwater control practices. _____

12. ENFORCEMENT (SECTION 4.5)

A. Identify which of the following types of enforcement actions you used during the reporting period, indicate the number of actions, the minimum measure (e.g., construction, illicit discharge, permanent stormwater control) or note those for which you do not have authority:

Action	Construction	Permanent Stormwater Controls	Illicit Discharge	Authority?	
Notice of violation	#0	#0	#0	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Administrative fines	#0	#0	#0	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Stop Work Orders	#0	#0	#0	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Civil penalties	#0	#0	#0	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Criminal actions	#0	#0	#0	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Administrative orders	#0	#0	#0	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Other <u>Verbal Education</u>	#0	#0	#0		

B. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results, and enforcement actions in your jurisdiction? ☐ Yes ☒ No

C. What are the 3 most common types of violations documented during this reporting period? N/A

13. PROGRAM RESOURCES (OPTIONAL)

A. What was your annual expenditure to implement the requirements of your MS4 NPDES permit and SWMP this past reporting period? \$156,942.59

B. What is next year's budget for implementing the requirements of your MS4 NPDES permit and SWMP? \$178,014.10 (Please see attachment.)

C. Do you have an independent financing mechanism for your stormwater program? ☐ Yes ☒ No

D. If so, what is it/are they (e.g., stormwater fees), and what is the annual revenue derived from this mechanism?

Source: _____ Amount \$

Source: _____ Amount \$

E. How many full time employees does your municipality devote to the stormwater program (specifically for implementing the stormwater program vs. municipal employees with other primary responsibilities that dovetail with stormwater issues)? 1

Municipal Separate Storm Sewer System (MS4) Annual Report

F. Do you share program implementation responsibilities with any other entities? ☐ Yes ☒ No

Entity	Activity/Task/Responsibility	Your Oversight/Accountability Mechanism

G. Please attach a copy of your Organizational Chart

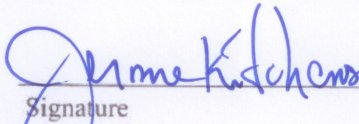
14. CERTIFICATION

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 by me, or under my direction or supervision. The submitted information 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. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury."

Jerome Kitchens

Printed Name and Title
City Manager


Signature

9/20/15
Date

Annual reports must be submitted in accordance with the requirements of Section 5.4. (Reporting) of the permit. Annual reports must be submitted to the appropriate Environmental Field Office (EFO) by September 30 of each calendar year, as shown in the table below:

EFO	Street Address	City	Zip Code	Telephone
Chattanooga	540 McCallie Avenue STE 550	Chattanooga	37402	(423) 634-5745
Columbia	1421 Hampshire Pike	Columbia	38401	(931) 380-3371
Cookeville	1221 South Willow Ave.	Cookeville	38506	(931) 432-4015
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

City Of Elizabethton, TN



Attachments to the 2015 Annual Stormwater Report

AFFP
NOTICE

Affidavit of Publication

STATE OF TENNESSEE } SS
COUNTY OF CARTER }

Lynn Richardson, being duly sworn, says:

That she is Publisher of the Elizabethton Star, a daily newspaper of general circulation, printed and published in Elizabethton, Carter County, Tennessee; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

September 02, 2015

That said newspaper was regularly issued and circulated on those dates.

The sum charged by the Newspaper for said publication does not exceed the lowest rate paid by commercial customers for an advertisement of similar size and frequency in the same newspaper in which the public notice appeared.

There are no agreements between the Elizabethton Star and the officer or attorney charged with the duty of placing the attached legal advertising notices whereby any advantage, gain or profit accrued to said officer or attorney.

SIGNED:



Publisher

Subscribed to and sworn to me this 2nd day of September 2015.



Kristina Cruz, Notary Public, Carter County, Tennessee

My commission expires: June 04, 2017

04156857 00094779

Jennifer Arnold
CITY OF ELIZABETHTON
136 SOUTH SYCAMORE STREET
ELIZABETHTON, TN 37643



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 6 P.M. on Wednesday September 16, 2015.

Copies of the report will be available for public viewing as follows starting Friday, September 4, 2015.

1. Paper copies will be available at the Elizabethton Public Library on E Street.
2. Paper copies will be available at 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/departments/utilities/stormwater_quality_program.php)

Jerome Kitchens, City Manager

Elizabethton Star: Sept. 2, 2015
NOTICE

City of Elizabethton
MS4 Permit Annual Report
TNSO75281
July 1, 2014 to June 30, 2015

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/assets/entities/environment/attachments/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 <i>Note: MS4 Discharges not listed as a source.</i>	Stream is Category 5. (One or more uses impaired.)
BUFFALO CREEK TN06010103011 – 1000	6.08	Nitrate+Nitrite Escherichia coli	Pasture Grazing <i>Note: MS4 Discharges not listed as a source.</i>	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:8080/pls/enf_reports/f?p=9034:34304:10362475403491

Table 2. Exceptional TN 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
6010103	Watauga		Doe River including tributaries	Carter	From Watauga River to headwaters including tributaries	State threatened Longhead Darter in segment between Watauga River and George Creek. Headwaters are in	36.3556	36.1461	-82.2126	-82.144

						Cherokee NF, flows through Roan Mtn. SP. Exceptional biological diversity. WPC ecoregion reference stream for 66d. Naturally reproducing rainbow and brown trout stream. State endangered Canada Burnet and Tufted Club Rush. State threatened Linear Leafed Willow-Herb and Crested Shield Fern.				
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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 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".

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
Elizabeth ton	TNS07 5281	601 010 3	60101 03050 5	Gap Creek-Watauga river	Vascular Plant	Flowering Plant	Meehania cordata	Heartleaf Meehania	G5	S2	--	T	Wooded Mountain Slopes	Upland
Elizabeth ton	TNS07 5281	601 010 3	60101 03040 5	Doe River Lower	Vascular Plant	Flowering Plant	Meehania cordata	Heartleaf Meehania	G5	S2	--	T	Wooded Mountain Slopes	Upland
Elizabeth ton	TNS07 5281	601 010 3	60101 03050 2	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
Elizabeth ton	TNS07 5281	601 010 3	60101 03050 5	Gap Creek-Watauga river	Vascular Plant	Flowering Plant	Parnassia grandifolia	Large-leaved Grass-of-parnassus	G3	S3	--	S	Calcareous Seeps	Possible
Elizabeth ton	TNS07 5281	601 010 3	60101 03050 2	Buffalo Creek	Vascular Plant	Flowering Plant	Parnassia grandifolia	Large-leaved Grass-of-parnassus	G3	S3	--	S	Calcareous Seeps	Possible
Elizabeth ton	TNS07 5281	601 010 3	60101 03050 3	Sinking Creek	Vascular Plant	Flowering Plant	Parnassia grandifolia	Large-leaved Grass-of-parnassus	G3	S3	--	S	Calcareous Seeps	Possible

Program Name	MS4 Permit	Huc 8	Huc 12	Huc 12 Name	Type	Category	Scientific Name	Common Name	Global Rank	State Rank	Federal Status	State Status	Habitat Description	Wet Habitat Flag
S														
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 river	Vertebrate Animal	Mammal	Myotis grisescens	Gray Myotis	G3	S2	LE	E	Cave obligate year-round; frequents forested areas; migratory.	Upland

Joe Barnett

From: Alexander, Steven [steven_alexander@fws.gov]
Sent: Friday, September 04, 2015 9:59 AM
To: Joe Barnett
Subject: Re: Request for TNE coordinationwith your office

Mr. Barnett -

Thank you for your e-mail received August 4, 2015, regarding compliance with the Endangered Species Act (ESA) in reporting requirements for the City of Elizabethton Small MS4 permit (TNS075281) and stormwater management program in Carter County, Tennessee. 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 listed federally threatened 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 me at 931-528-6481, ext. 210, or via e-mail at steven_alexander@fws.gov.

Sincerely,

On Tue, Aug 4, 2015 at 10:28 AM, Joe Barnett <jbarnett@cityofelizabethton.org> wrote:

Steven:

This email is in regard to my earlier telephone conversation with you. In this conversation I requested information for the City Of Elizabethton's 2015 compliance with the endangered Species Act (ESA) in the reporting requirements for the City Of Elizabethton small MS4 permit (TNSO75281) program In Carter County Tennessee.

I believe that you have our city limits and stormwater outfalls for our rivers/streams on file.

Please let me know if you require any other information.

Thank you in advance for your help.

Joseph Barnett

Stormwater Coordinator

City Of Elizabethton TN. 37643.

--

Steven R. Alexander

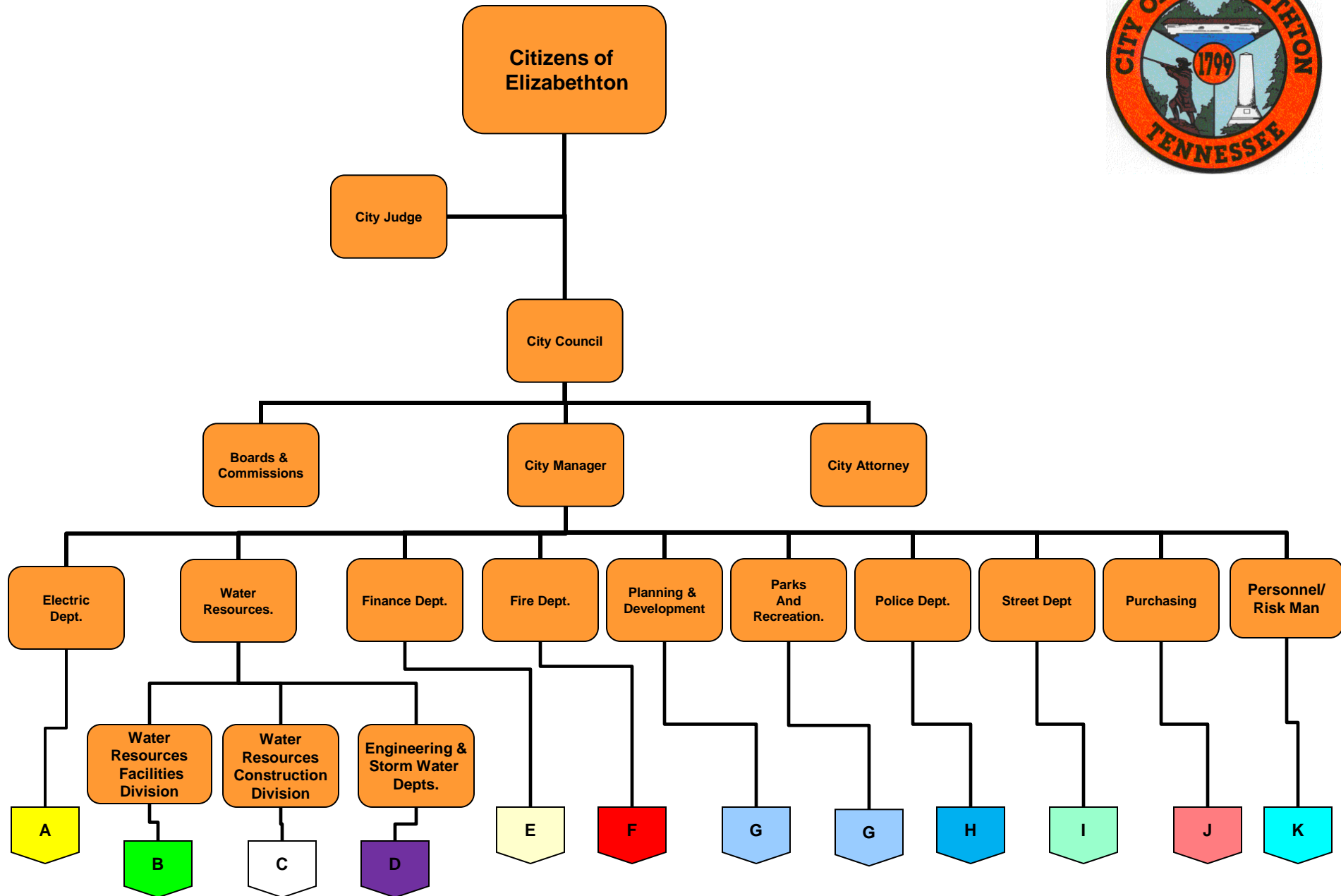
Ecologist / Environmental Contaminants Specialist

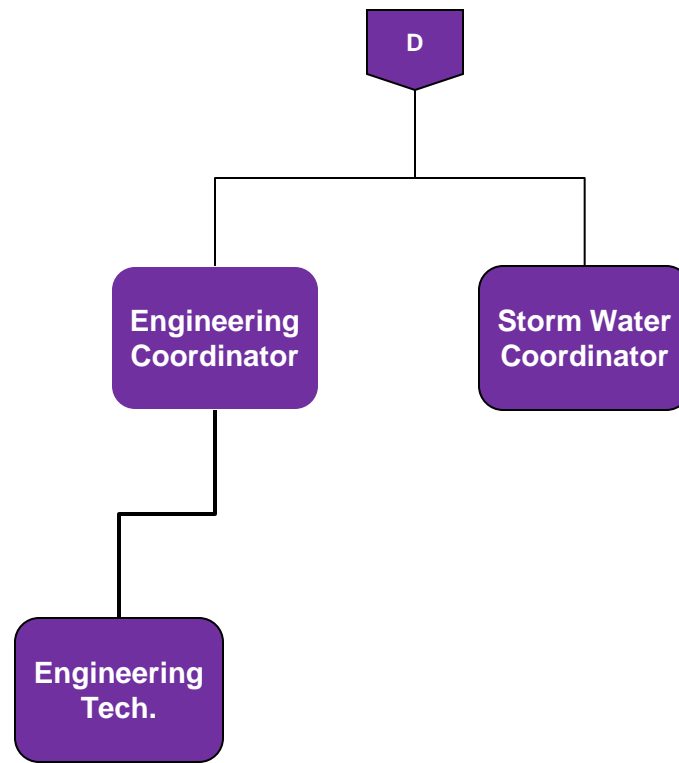
U.S. Fish and Wildlife Service
Tennessee Ecological Services Field Office
446 Neal Street
Cookeville, TN 38501
931/528-6481 x210
931/260-3527 (cell)
931/528-7075 (fax)
steven_alexander@fws.gov
Web: <http://cookeville.fws.gov>

2015 Elizabethton Stormwater Expenses

<u>Department</u>	<u>Description</u>	<u>Cost</u>
Engineering		
	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	\$22,500.00
	Subtotal	\$130,359.24
Building		
	Salary/Wages/Benefits Cost	\$11,986.40
	Subtotal	\$11,986.40
Planning		
	Salary/Wages/Benefits Cost	\$18,573.95
	Subtotal	\$18,573.95
Street		
	Materials	\$2,200.00
	Salary/Wages/Benefits Cost	\$14,894.52
	Subtotal	\$17,094.52
	Total	\$178,014.10







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.