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: Brentwood		MS4 Permit Number: TNS075175
Contact Person: Darek Baskin, P.E.		Email Address: darek.baskin@brentwoodtn.gov
Telephone: (615) 371-0080		MS4 Program Web Address: http://www.brentwoodtn.gov/departments/engineering/stormwater-quality-management-program
Mailing Address: P.O. Box 788		
City: Brentwood	State: TN	ZIP code: 37024

What is the current population of your MS4? 43,889

What is the reporting period for this annual report? July1 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/wr-ws-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: The City of Brentwood has provided training and education at the annual Environmental Education Day for over 300 students this term; we are increasing public awareness through the City Newsletter, website, PSA's and paid participation in TNSA Social Media Campaign; we have partnered with the Harpeth River Watershed Association to fund bank stabilization projects; we also partner with Brentwood Rotary Club and Keep Williamson Beautiful to organize an annual stream clean-up. ☒ 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: Residential impacts, including car washing and maintenance, yard fertilizers, animal and yard waste, salt water pool draining, and erosion prevention and sediment control. ☒ Yes ☐ No

C. Do you have a webpage dedicated to your stormwater program? If yes, provide a link/URL: http://www.brentwoodtn.gov/departments/engineering/stormwater-quality-management-program ☒ Yes ☐ No

D. Summarize how you advertise and publicize your public education, outreach, involvement and participation opportunities: The City of Brentwood advertises through a newsletter, the TAB program, paid participation in TNSA's Social Media Campaign, and a press release for Environmental Education Day.

E. Summarize the public education, outreach, involvement and participation activities you completed during this reporting period: The City of Brentwood hosted Hazardous Waste Day, Environmental Education Day (October 2019), and has participated in Tennessee Stormwater Association (TNSA) meetings and their annual conferences.

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: Neighborhood Associations participate in stream clean ups and neighborhood clean ups that are not administered by the City of Brentwood. Brentwood and Ravenwood Highschool have environmental science programs, in which part of the curriculum covers storm water quality topics and includes the Environmental Education Day held at Deerwood Arboritum through which the Little Harpeth flows.

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? 327

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: Once each per permit cycle the outfalls are screened for illicit discharges in combination with visual stream assessments of impaired streams. (See attached.) ☒ Yes ☐ No

F. How many illicit discharge related complaints were received this reporting period? 10

G. How many illicit discharge investigations were performed this reporting period? 10

H. Of those investigations performed, how many resulted in valid illicit discharges that were addressed and/or eliminated? 10

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? 70

F. How many active priority and non-priority construction sites were inspected this reporting period? 70

G. How many construction related complaints were received this reporting period? 25

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 ☐ Yes	☐ No ☐ 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: Waterway natural area (WNA) on each side of waterway is to be 60 feet when the upstream watershed area is at least one square mile, and 30 feet when the upstream watershed area is less than one square mile, unless federal or state regulations require a wider WNA.	☒ Yes	☐ No

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 new or redevelopment projects, regardless of disturbance.

D. How many development and redevelopment project plans were reviewed for this reporting period? 11

E. How many development and redevelopment project plans were approved? 11

F. How many permanent stormwater related complaints were received this reporting period? 28

G. How many enforcement actions were taken to address improper installation or maintenance? 15

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:

Modifications or replacement of an ineffective activity/control measure. Began noting if silt fence stakes as installed have measurements that are TDEC cross-sectional and height compliant to help with prior problems of breaking. Also stopped allowing the use of "eels" (straw waddles) only across the frontage of building lots, enforcing the use of silt fence until construction is complete.

Changes to the program as required by the division to satisfy permit requirements. The City of Brentwood plans to implement the pollutant removal requirements for new and re-development as required by final TN CGP to improve the quality of water. These changes will be implemented after further clarification or direction is provided by TDEC.

Information (e.g. additional acreage, outfalls, BMPs) on newly annexed areas and any resulting updates to your program. None

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 current stormwater ordinance and monitoring efforts are very effective. Minor stormwater management program modifications to be implemented in compliance with new CGP and when direction from TDEC is provided. ☒ 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:

Action	Construction	Permanent Stormwater	Illicit Discharge	In Your ERP?	
Verbal warnings	#10	#19	#4	☐ Yes	☒ No
Written notices	#15	#11	#6	☒ Yes	☐ No
Citations with administrative penalties	#0	#0	#0	☒ Yes	☐ No
Stop work orders	#6	#0	#6	☒ Yes	☐ No
Withholding of plan approvals or other authorizations	#3	#_____	#_____	☐ Yes	☒ No
Additional Measures	#_____	#_____	#_____	Describe: _____	

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? Lack of ESPC measures, improper construction entrance allowing tracking mud into streets and stormwater systems, failure to maintain ESPC measures during construction e.g., damaged or down silt fence and silted-in check dams and sediment basins.

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. Benthic Macroinvertebrate samples were collected in Holt Creek, Beech Creek, Little Harpeth River, Owl Creek, Spencer Creek and two unnamed tributaries to the Little Harpeth River (UT to Little Harpeth 0300 and UT to Little Harpeth 0200) during permit year three.

B. Summarize any non-analytical monitoring activities (e.g., planning, collection, evaluation of results) performed during this reporting period. In-stream visual assessments were conducted along approximately 11.7 miles of the Little Harpeth River (TN05130204021_2000) during the current reporting period (permit year four).

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."

Kirk Bednar, City Manager — Printed Name and Title

Signature

September 29, 2020 — 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

June 18, 2020

Mr. Darek Baskin, P.E.
City Engineer
City of Brentwood
1750 General George Patton Dr.
Brentwood, TN 37027

Dear Mr. Baskin:

Subject: 2020 Visual Stream Assessment (VSA)
MS4 Permit – Non-Analytical Stream Monitoring
City of Brentwood, Williamson County, Tennessee
CEC Project 174-840.0004

Civil & Environmental Consultants, Inc. (CEC) performed a Visual Stream Assessment (VSA) on Little Harpeth River (TN05130204021_2000) for the City of Brentwood (City) according to our proposal dated February 13, 2020. The VSA was conducted between March 23, 2020 and April 15, 2020, using the Maryland Department of Natural Resources' Stream Corridor Assessment Survey (2001).

All visual survey locations have been logged into a geodatabase. Each location includes completed data fields, GPS location and a photo (a few points do not have an associated photo). The geodatabase is included on the USB flash drive provided. The total mileage assessed for each stream is included in the following table.

Permit Year 4 Streams for Assessment	Miles
Little Harpeth River (TN05130204021_2000)	11.7
Total	**11.7**

There were a few locations of concern that CEC wanted to bring to the City's attention. These locations are described as follows:

1) Inadequate Buffer between U.S. 31/Franklin Road & I-65

An inadequate buffer was observed between U.S. 31/Franklin Rd and Interstate 65 along the Little Harpeth River. Little to no vegetation exists in this area and significant streambank erosion is occurring as a result. The inadequate buffer and associated streambank erosion begin at the downstream side of I-65 and continue to the upstream side of U.S. 31 for approximately 6,400 LF. This point is listed as an "Inadequate Buffer" (Object ID 65 & 66) in the geodatabase provided. Refer to Figure 2.

Photo 1 - Aerial View of Inadequate Buffer
(Bold Red Line Indicates Buffer Location)

Photo 2 - View of the Inadequate Buffer and Streambank Erosion

2) Exposed Pipe (Manhole) near Interstate 65

An exposed manhole was observed along Little Harpeth River near I-65. The exposed manhole is located at the confluence with Little Harpeth River and an unnamed tributary on the northbound lane side of the interstate approximately 21 feet from the edge of pavement. Flows from both Little Harpeth River and the unnamed tributary are eroding at the base of the manhole and could eventually compromise the structure. CEC recommends the City inspect this location to determine if there is a potential for a threat to infrastructure. This point is listed as an "Exposed Pipe" point (Object ID 50) in the geodatabase provided. Refer to Figure 2.

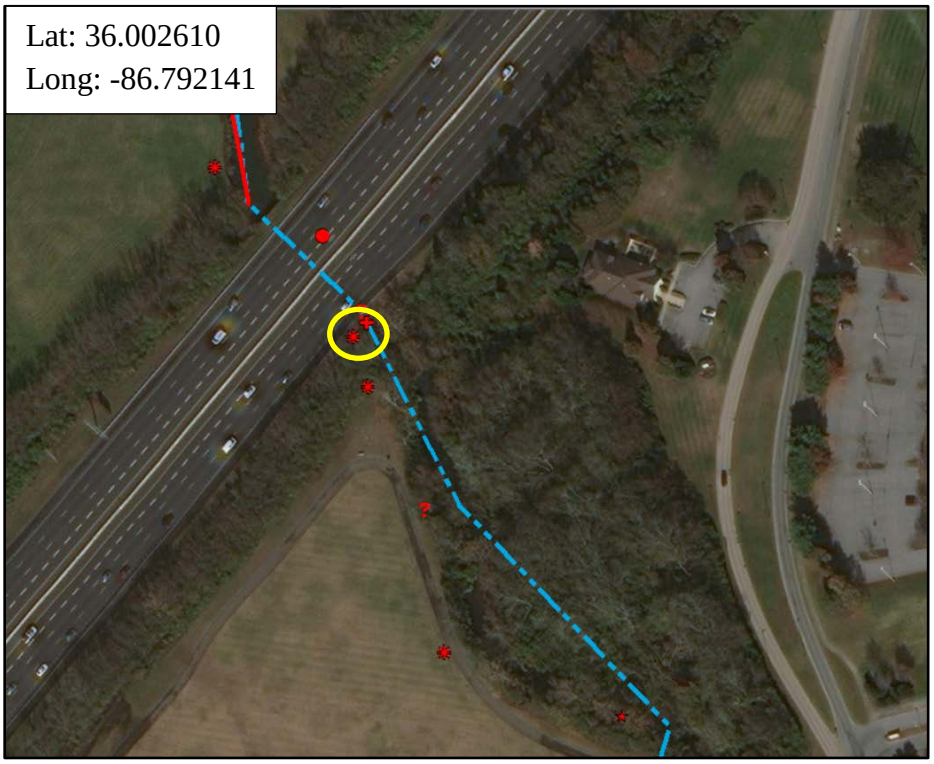


Photo 3 - Aerial View of the Exposed Pipe (Manhole)
(Red Asterisk with Yellow Circle Indicates Manhole Location)

Photo 4 - View of Exposed Pipe (Manhole)

3) Fish Barrier between Interstate 65 and U.S. 31/Franklin Road

A fish barrier was noted on Little Harpeth River northwest of I-65 immediately downstream of a private gravel road. The water surface drop across the fish barrier was approximately 2 feet. CEC recommends that the City inspect the site for potential threats to infrastructure. This point is labeled as a "Fish Barrier" point (Object ID 36) in the geodatabase provided. Refer to Figure 2.

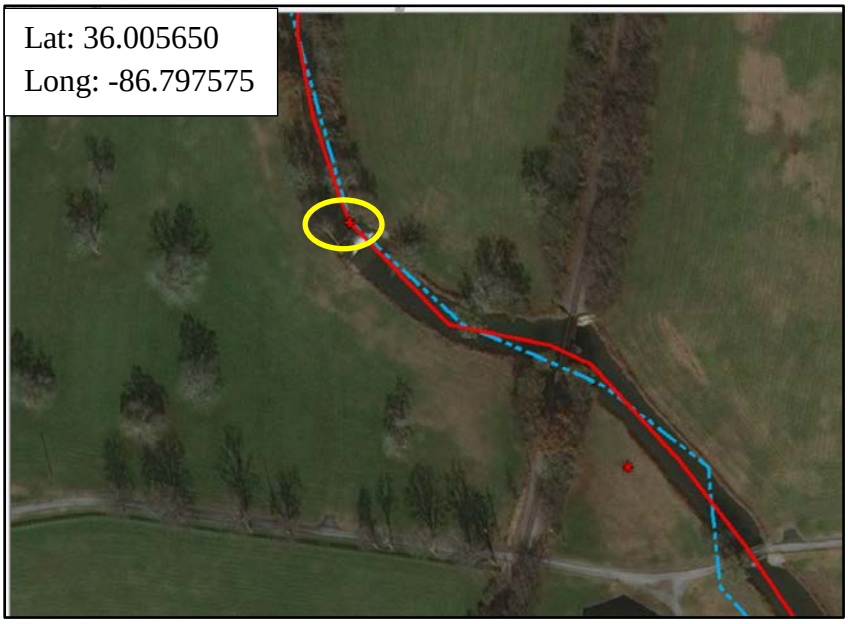


Photo 5 - Aerial View of the Fish Barrier
(Red Cross in Yellow Circle Indicates Fish Barrier Location)

Photo 6 - View of the Fish Barrier

4) Excessive Algae east of Devens Court

Excessive algae was observed in the stream channel of Little Harpeth River approximately 200 feet behind a single family residence on Devens Ct. Additional areas of excessive algae were noted upstream of this location in the vicinity of the Moores Lane bridge. CEC recommends that the City inspect this location for potential illicit discharges into the waterway, such as a sanitary sewer cross connection. This point is an "Unusual Condition or Comment" point (Object ID 75) in the geodatabase provided. Refer to Figure 2.

Photo 7 - Aerial View of Unusual Condition or Comment
(Red Question Mark in Yellow Circle Indicates Condition Location)

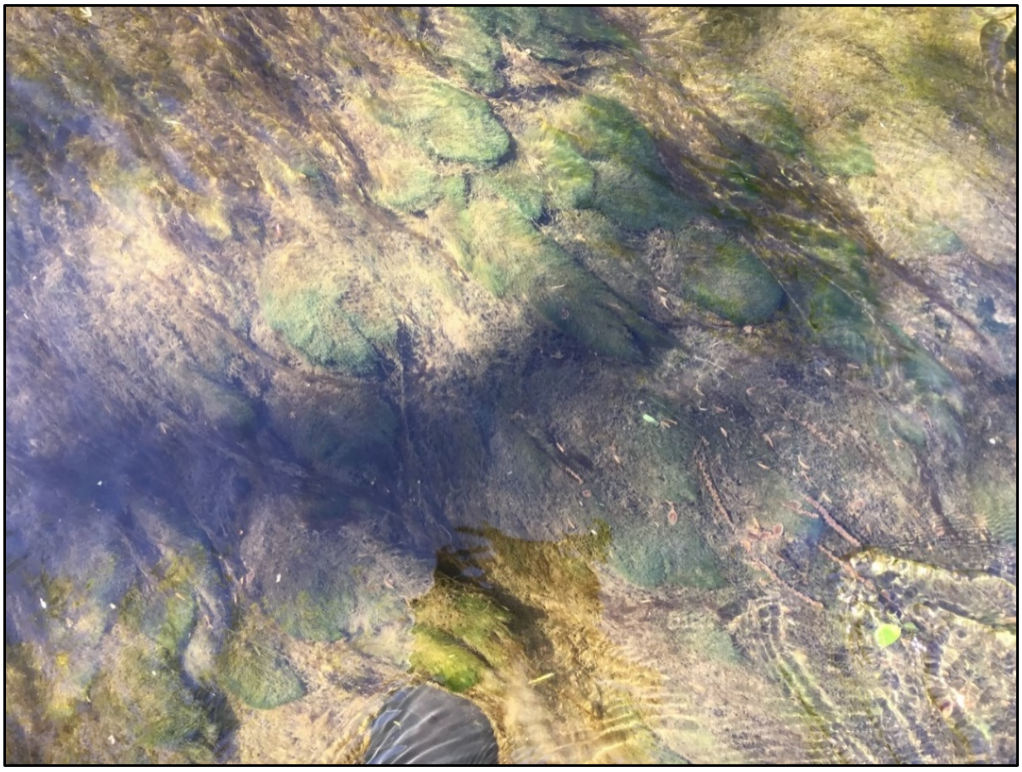


Photo 8 - View of Unusual Condition or Comment (Excessive Algae)

5) Erosion Site at Deerwood Arboretum

An erosion site was observed along Little Harpeth River at the Deerwood Arboretum. The erosion site is approximately 150 LF along the streambank erosion, likely resulting from inadequate buffer. CEC recommends that the City inspect this location for potential maintenance. This is an "Erosion Site" point (Object ID 36) in the geodatabase provided. Refer to Figure 1.

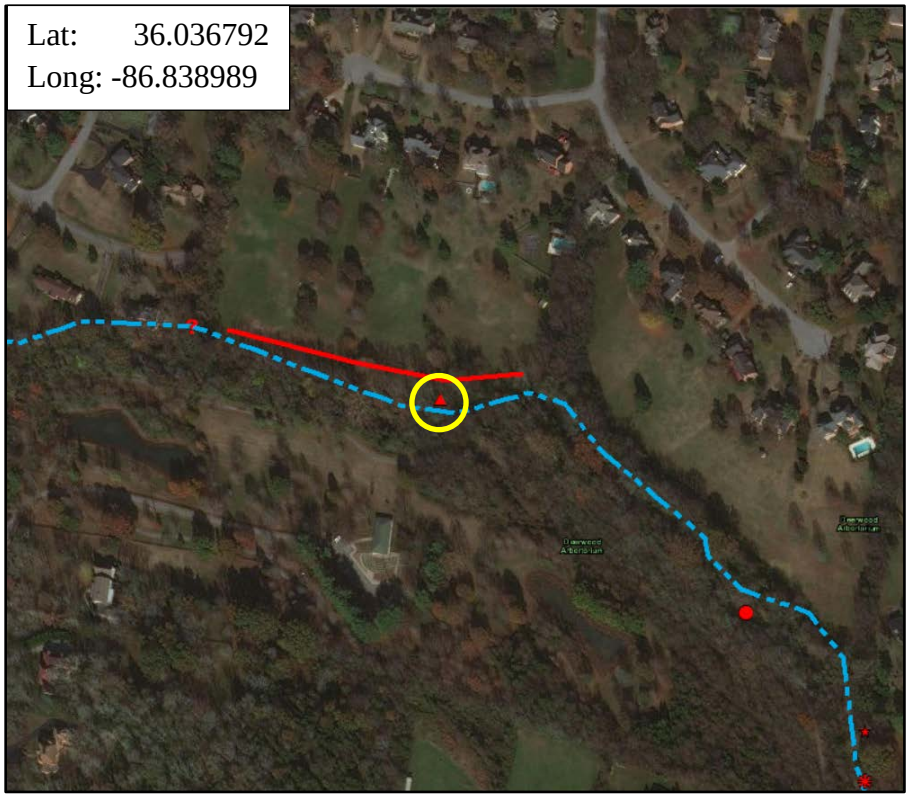


Photo 9 - Aerial View of Erosion Site
(Red Triangle Indicates Erosion Site Location)

Photo 10 - View of Erosion Site

CEC appreciates this opportunity to perform this VSA and provide this summary report. Please contact Lindsay Wilson-Kokes at 615-333-7797 or lwilsonkokes@cecinc.com if you should have any questions regarding this deliverable.

Sincerely,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

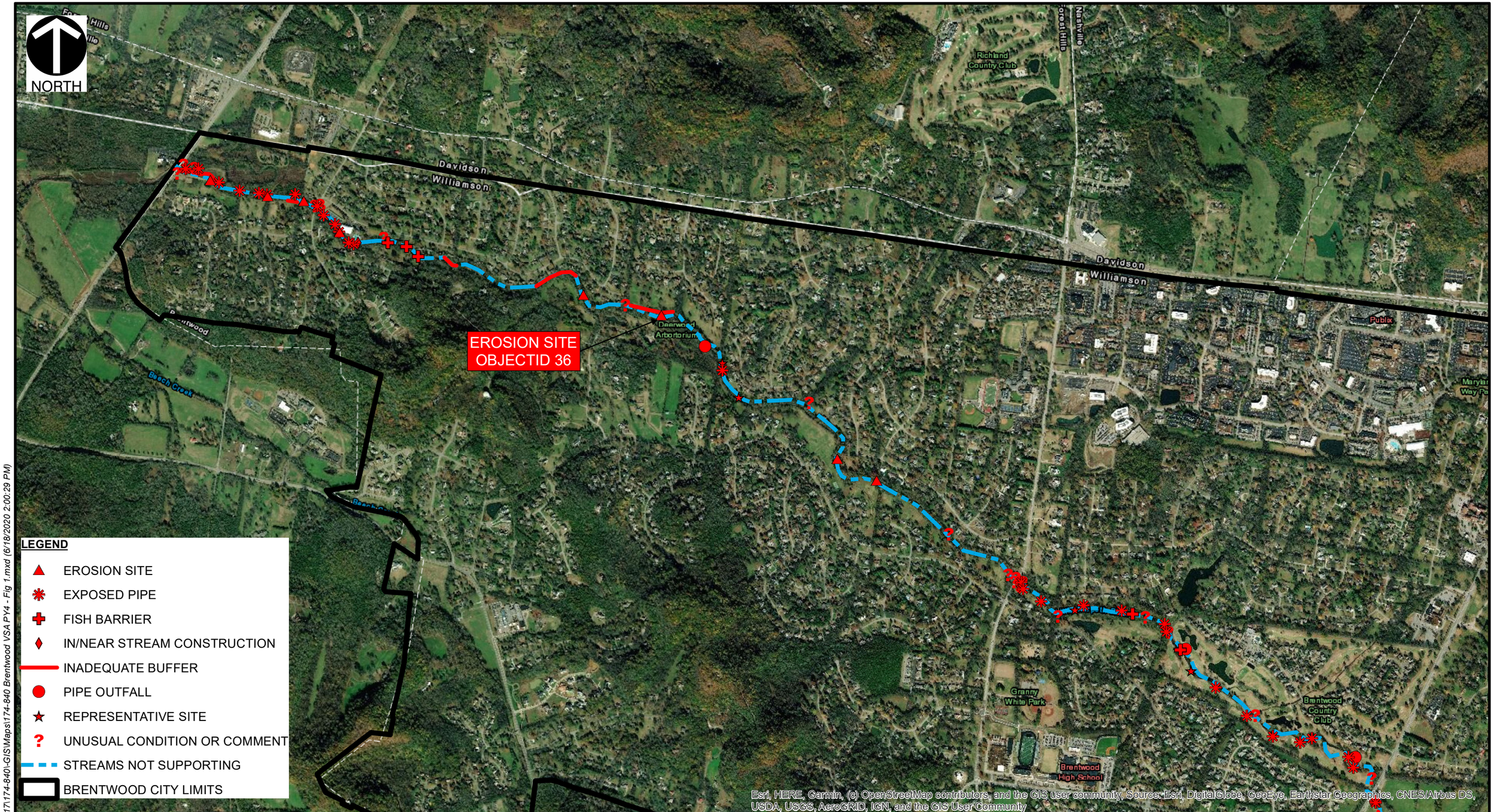
Lindsay Wilson-Kokes
Assistant Project Manager

Steven E. Casey, P.E., CPESC
Vice President

Enclosures: Appendix A: Figures
Figure 1 – Little Harpeth River
Figure 2 – Little Harpeth River
Figure 3 – Little Harpeth River
Appendix B: Maryland Department of Natural Resources' Stream Corridor Assessment Survey Definitions
USB Flash Drive

APPENDIX A

FIGURES



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REFERENCE

□BING IMAGERY

MICROSOFT VIRTUAL EARTH / BING IMAGERY
PROVIDED BY ESRI, ACCESSED 6/18/2020

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CITY OF BRENTWOOD
NON-ANALYTICAL STREAM MONITORING
VISUAL STREAM ASSESSMENT
BRENTWOOD, TENNESSEE

LITTLE HARPETH RIVER

DRAWN BY:	CTC	CHECKED BY:	LWK	APPROVED BY:	SEC	FIGURE NO:	1
DATE:	6/18/2020	SCALE:	1 " = 1,500 '	PROJECT NO:	174-840.0004		

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NORTH

INADEQUATE BUFFER
OBJECT ID 65 & 66

FISH BARRIER
OBJECT ID 36

EXPOSED PIPE
OBJECT ID 50

UNUSUAL CONDITION OR COMMENT
OBJECT ID 75

LEGEND

- CHANNEL ALTERATION
- EROSION SITE
- EXPOSED PIPE
- FISH BARRIER
- IN/NEAR STREAM CONSTRUCTION
- INADEQUATE BUFFER
- PIPE OUTFALL
- REPRESENTATIVE SITE
- TRASH DUMPING
- UNUSUAL CONDITION OR COMMENT
- STREAMS NOT SUPPORTING
- BRENTWOOD CITY LIMITS

Concord Park
Crockett Park
Primm Park
Nashville Golf & Athletic Club

Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

REFERENCE

USGS TOPOGRAPHIC MAP/ ARCGIS MAP SERVICE:
HTTP://GOTO.ARCGISONLINE.COM/MAPS/
USA_TOPO_MAPS, ACCESSED 6/18/2020

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BRENTWOOD, TENNESSEE

LITTLE HARPETH RIVER

DRAWN BY:	CTC	CHECKED BY:	LWK	APPROVED BY:	SEC	FIGURE NO:	2
DATE:	6/18/2020	SCALE:	1 " = 1,500 '	PROJECT NO:	174-840.0004		

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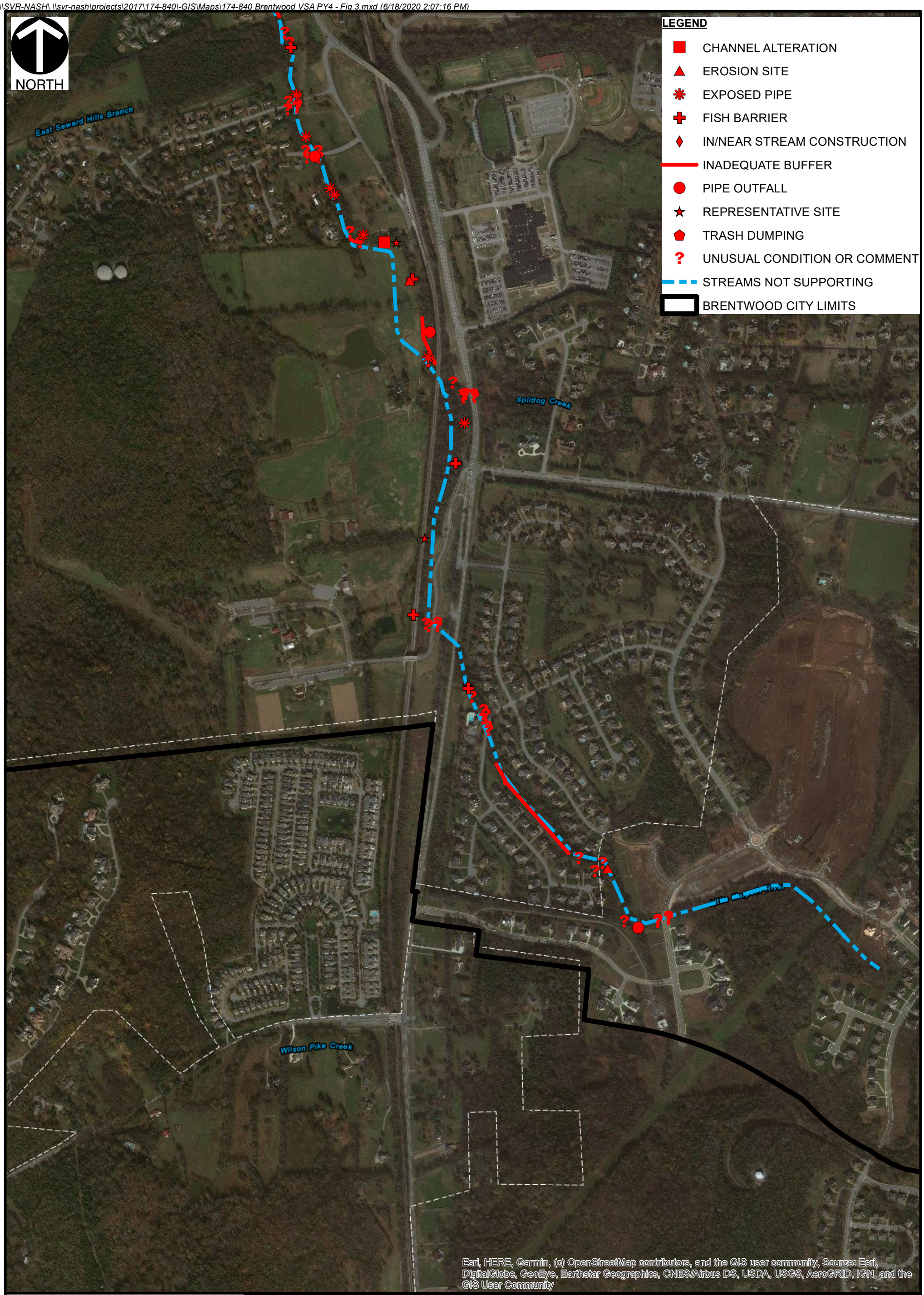

REFERENCE

USGS TOPOGRAPHIC MAP/ ARCGIS MAP SERVICE: HTTP://GOTO.ARCGISONLINE.COM/MAPS/ USA_TOPO_MAPS, ACCESSED 6/18/2020

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CITY OF BRENTWOOD
NON-ANALYTICAL STREAM MONITORING
VISUAL STREAM ASSESSMENT
BRENTWOOD, TENNESSEE

LITTLE HARPETH RIVER

DRAWN BY:	CTC	CHECKED BY:	LWK	APPROVED BY:	SEC	FIGURE NO:	3
DATE:	6/18/2020	SCALE:	1 " = 750 '	PROJECT NO:	174-840.0004		

APPENDIX B

MARYLAND DEPARTMENT OF NATURAL RESOURCES' STREAM CORRIDOR ASSESSMENT SURVEY DEFINITIONS

MARYLAND DEPARTMENT OF NATURAL RESOURCES' STREAM CORRIDOR ASSESSMENT SURVEY DEFINITIONS[1]

1. *Channel Alteration:* Channelization refers to the once common practice of dredging, straightening, and/or widening stream channels in an attempt to reduce flooding or to lower ground water table. Survey teams should look not only for stream reaches that are in concrete channels but for any areas where the stream has been significantly altered. A good indication of this is an unusually straight stream channel for a fairly long stretch. Channel alteration does not include road crossing unless a significant amount of stream channelization has occurred either upstream of downstream of the road crossing.

2. *Erosion Site:* Erosion is a natural process and necessary to maintain good aquatic habitat in a stream. Too much erosion, however, can have the opposite effect, destabilizing stream banks, destroying in-stream habitat and causing significant sediment pollution problems downstream. Severe erosion problems occur when either a stream's hydrology and/or sediment supply have been significantly altered. When conducting the SCA survey, you are primarily interested in identifying unstable stream reaches that are experiencing a significant amount of erosion along the stream's banks.

3. *Exposed Pipes:* Exposed pipes are any pipes that are either in the stream or along the stream's immediate banks that could be damaged by a high flow event. It does not include pipe outfalls where only the open end of the pipe is exposed. Exposed pipes do include: 1) manhole stacks in or along the stream's banks; 2) pipes that are exposed along the stream's banks; 3) pipes that run under the stream's bed and have been exposed by stream down-cutting; and 4) pipes that are built over a stream but are low enough that they could be affected by occasional high storm flows. Pipes that are placed along the support beams of a bridge or suspended high enough above the stream to not be affected by very large storm events should not be included in this survey unless they are leaking.

4. *Pipe Outfalls:* Pipe outfalls include any pipes or small manmade channels that discharge into the stream through the stream corridor. Pipe outfalls are considered a potential environmental problem in the survey because they can carry uncontrolled runoff and pollutants such as oil, heavy metals, and nutrients to a stream system. Any pipes or manmade channels that are designed to discharge into the stream are considered pipe outfalls and must be included in the survey. This includes pipes with openings outside of the immediate stream corridor, but which discharge into a channel which eventually enters the stream.

5. *Fish Barrier:* Fish migration barriers are anything in the stream that significantly interferes with the upstream movement of fish. Unimpeded upstream movement is important for resident fish species, many of which also move both up and down stream during different parts of their life cycle. Fish blockages can be caused by man-made structures such as dams or road culverts, and by natural features such as waterfalls or beaver dams.

6. *Inadequate Buffer:* Forested stream buffers are very important for maintaining healthy streams. Forest buffers help shade the stream, preventing excessive solar heating, and the

roots stabilize the steam banks. Forest buffers remove nutrients, sediment and other pollutants from runoff, while the leaves of trees are a major component of the stream's food web. Because of the importance of stream buffers, not only in maintaining healthy streams, but also in reducing nutrient loading to the stream. For the purpose of this study, a buffer is generally considered inadequate if it is less than 50 feet wide from the edge of the stream.

7. *In/Near Stream Construction:* In or near stream construction data sheets are used to document the locations of major disturbances located in or near the stream corridor at the time of the survey. If construction is seen in or near the stream, indicate the location on the survey map and look at the general condition of the stream near and downstream of the construction site. Survey teams should be on alert for evidence of inadequate sediment control measures or if sediment pollution from the site has affected the stream.

8. *Trash Dumping:* The trash dumping data sheets are used to record the location of places where large amounts of trash have been dumped inside the stream corridor or to note places where trash tends to accumulate. The main purpose of identifying where trash is being dumped in or near the stream is so that steps can be taken to limit access to these areas by vehicles if possible. A second reason for noting trash dumping sites is to assist community volunteer groups looking for possible sites to do stream clean-ups.

9. *Unusual Condition or Comment:* The unusual condition or comment data sheets are used by survey teams to record the location of anything out of the ordinary or to provide some additional written comments on a specific problem.

10. *Representative Site:* Representative site data sheets are used to document the general condition of both in-stream habitat and the condition of the adjacent stream corridor.

Reference:

1: "Stream Corridor Assessment Survey: SCA Survey Protocols." Watershed Restoration Division & Coastal Watershed Services, Maryland Dept. of Natural Resources.

City of Brentwood

Stream Bank Stabilization Project

Wilson Pike near Holt Road

MS-4 Permit Year 2019 to 2020

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Vicinity Map and Photo of prior condition – Page 1

Photo of post-repair condition – Page 2

Excerpt from 2018-2019 MS-4 Annual Report

Figure 1 - Aerial View of Channel Alteration
(Red Dot Indicates Wall Location)

Figure 2 - View of CMU Retaining Wall (Notice bulge in wall)

Photos from after the project was completed:

VISUAL STREAM ASSESSMENT				
Stream Segment	**Task VSA2**	**Task VSA3**	**Task VSA4**	**Task VSA5**
	Permit Year 2 *July 2017 – June 2018*	Permit Year 3 *July 2018 – June 2019*	Permit Year 4 *July 2019 – June 2020*	Permit Year 5 *July 2020 – June 2021*
Beech Creek	3.9			
Holt Creek	1.5			
Spencer Creek	2.2			
UNT to Little Harpeth River (0200)		2.5		
UNT to Little Harpeth River (0300)		4.9		
Little Harpeth River (2000)			11.7	
Owl Creek				11.5
Permit Year Total	7.6	7.4	11.7	11.5
Grand Total	38.2			

REVISION RECORD

NO	DATE	DESCRIPTION

SUBMITTAL RECORD

NO	DATE	DESCRIPTION

Beech Creek

UNT to Little Harpeth River (0200)

Holt Creek

UNT to Little Harpeth River (0300)

Owl Creek

Spencer Creek

Little Harpeth River

LEGEND

- City Limits
- FUTURE WORK
- COMPLETED IN PERMIT YEAR 2
- COMPLETED IN PERMIT YEAR 3
- LITTLE HARPETH IN GRAY YEAR 4 (CURRENT YEAR)

REFERENCE

ESRI WORLD TOPOGRAPHY / ARCGIS MAP SERVICE: HTTP://GOTO.ARCGISONLINE.COM/MAPS/WORLD_TOPOGRAPHY, ACCESSED 1/24/2019.

SCALE IN FEET

0 2,000 4,000 6,000 8,000

Civil & Environmental Consultants, Inc.
325 Seaboard Lane, Suite 170 Franklin,Tennessee 37067
615-333-7797 800-763-2326
www.cecinc.com

CITY OF BRENTWOOD
MS4 PERMIT COMPLIANCE
WILLIAMSON COUNTY, TN

* Hand signature on file

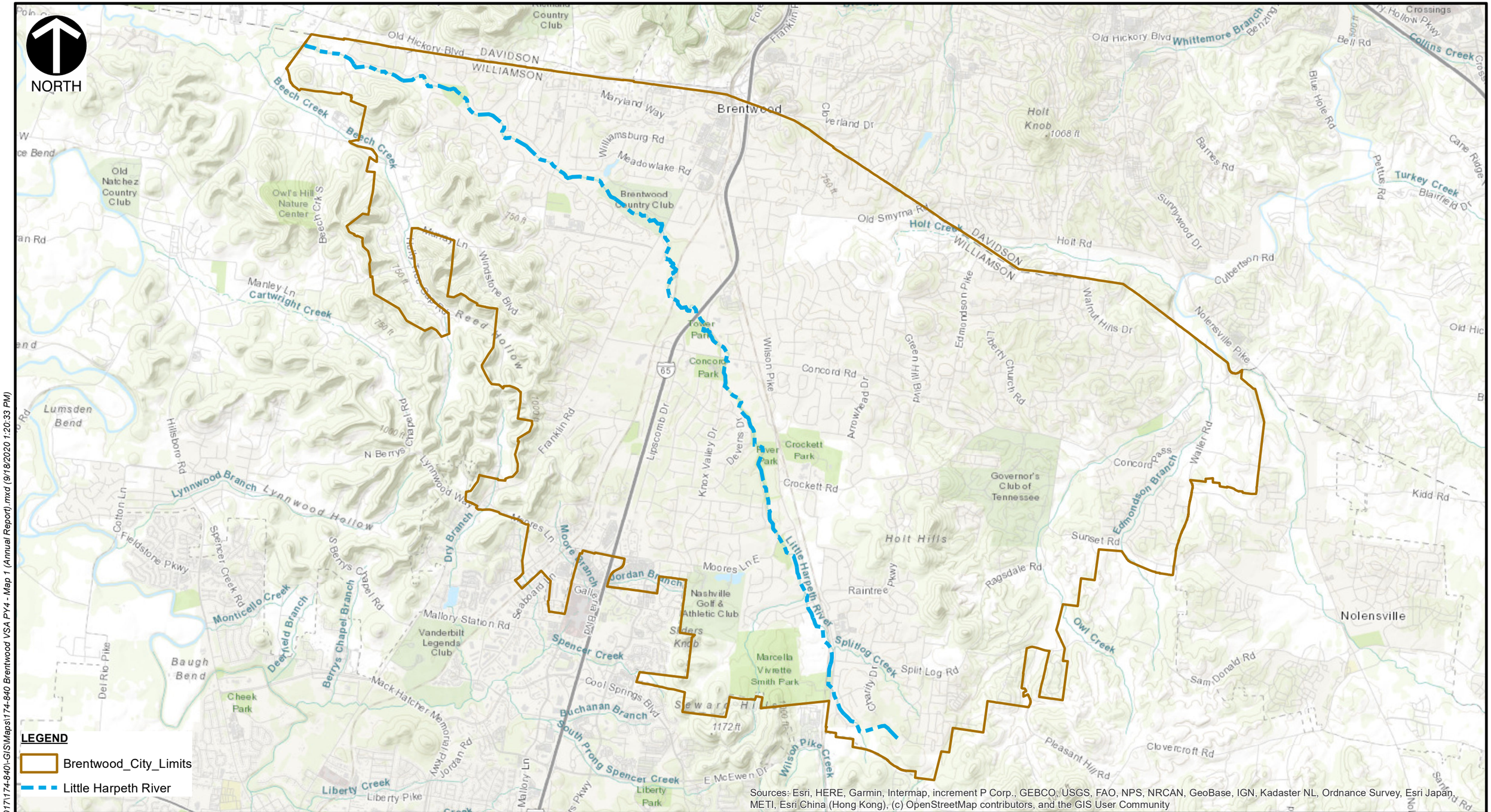
DRAWN BY:	DR	CHECKED BY:	JMB	APPROVED BY:	SEC
DATE:	1/24/2019	SCALE:	1 " = 2,000 '	PROJECT NO:	174-840

VISUAL STREAM ASSESSMENT MAP BY PERMIT YEAR

FIGURE NO: **1**

SHEET 1 OF 1

\\SVR-NASH: P:\2017\174-840\-GIS\Maps\174-840 Brentwood Stream Monitoring - Figure 1 (PY3).mxd (1/24/2019 1:35:38 PM)



REFERENCE

□BING IMAGERY

MICROSOFT VIRTUAL EARTH / BING IMAGERY
PROVIDED BY ESRI, ACCESSED 9/18/2020

□SOILS

U.S.D.A., N.R.C.S
SOIL SURVEY GEOGRAPHIC (SSURGO) DATABASE

Miles
0 1 2

CEC
Civil & Environmental Consultants, Inc.
117 Seaboard Lane, Suite E100 Franklin,Tennessee 37067
615-333-7797 · 800-763-2326
www.cecinc.com

CITY OF BRENTWOOD
NON-ANALYTICAL STREAM MONITORING (PY4)
VISUAL STREAM ASSESSMENT
BRENTWOOD, TENNESSEE

LITTLE HARPETH RIVER

DRAWN BY:	LWK	CHECKED BY:	CEC	APPROVED BY:	SEC	FIGURE NO:	1
DATE:	9/18/2020	SCALE:	1 " = 5,000 '	PROJECT NO:	174-840		

\\SVR-NASH\ \\Svr-nash\projects\2017\174-840\-GIS\Maps\174-840 Brentwood VSA PY4 - Map 1 (Annual Report).mxd (9/18/2020 1:20:33 PM)

Section 2.A. - List of Waters with Unavailable Parameters in Jurisdiction Based on TDEC Viewer as of September 2019

Waterbody Name	Waterbody I.D. #	Cause(s)	Source Name(s)
Little Harpeth River	TN05130204021_2000	Sedimentation/Siltation	Grazing in Riparian or Shoreline Zones
		Sedimentation/Siltation	Discharges from Municipal Separate Storm Sewer Systems (MS4)
		Phosphorus (Total)	Discharges from Municipal Separate Storm Sewer Systems (MS4)
		Nitrate/Nitrite (Nitrite + Nitrate as N)	Discharges from Municipal Separate Storm Sewer Systems (MS4)
Unnamed Trib to the Little Harpeth River	TN05130204021_0200	Sedimentation/Siltation	Discharges from Municipal Separate Storm Sewer Systems (MS4)
		Alteration in stream-side or littoral vegetative covers	Discharges from Municipal Separate Storm Sewer Systems (MS4)
Unnamed Trib to the Little Harpeth River	TN05130204021_0300	Sedimentation/Siltation	Discharges from Municipal Separate Storm Sewer Systems (MS4)
		Alteration in stream-side or littoral vegetative covers	Discharges from Municipal Separate Storm Sewer Systems (MS4)
Holt Creek	TN05130202007_1100	*Escherichia coli*	Discharges from Municipal Separate Storm Sewer Systems (MS4)
		Phosphorus (Total)	Discharges from Municipal Separate Storm Sewer Systems (MS4)
		Nitrate/Nitrite (Nitrite + Nitrate as N)	Discharges from Municipal Separate Storm Sewer Systems (MS4)
Owl Creek	TN05130202007_0900	Phosphorus (Total)	Discharges from Municipal Separate Storm Sewer Systems (MS4)
		Sedimentation/Siltation	Discharges from Municipal Separate Storm Sewer Systems (MS4)
		Alteration in stream-side or littoral vegetative covers	Discharges from Municipal Separate Storm Sewer Systems (MS4)
Beech Creek	TN05130204021_0400	Sedimentation/Siltation	Site Clearance (Land Development or Redevelopment)
		Alteration in stream-side or littoral vegetative covers	Site Clearance (Land Development or Redevelopment)
Spencer Creek	TN05130204016_0200	*Escherichia coli*	Discharges from Municipal Separate Storm Sewer Systems (MS4)
		Sedimentation/Siltation	Discharges from Municipal Separate Storm Sewer Systems (MS4)
		Alteration in stream-side or littoral vegetative covers	Discharges from Municipal Separate Storm Sewer Systems (MS4)

Section 2.B. TMDLs with Waste Load Allocations for MS4 Discharges

CHEATHAM LAKE WATERSHED (05130202)

TMDL for E. coli (April 2008)
None of the impaired waterbodies listed are within the Brentwood City Limits.

HARPETH RIVER WATERSHED (05130204)

TMDL for siltation (May 2002)
The implementation plan notes that the wasteload allocation for MS4s will be implemented through MS4 permits and the MS4's stormwater management plan. No additional TMDL monitoring is required.

TMDL for metals (July 2003)
No waste load allocations for MS4 discharges

TMDL for E. coli (March 2006)
None of the impaired waterbodies listed are within the Brentwood City Limits.

TMDL for organic enrichment/low dissolved oxygen (September 2004)
See below

Water Quality Limited Segments and Pollutant Causes Addressed by the TMDLs

Waterbody (waterbody ID#)	Impacted Waterbody	CAUSE (Pollutant)
Harpeth River – West Harpeth River to Spencer Creek	TN05130204 016 – 1000	Organic enrichment/low dissolved oxygen
Harpeth River – Spencer Creek to Watson Creek	TN05130204 016 – 2000	Organic enrichment/low dissolved oxygen
Harpeth River – Watson Creek to Mayes Creek	TN05130204 016 – 3000	Low DO
Harpeth River – Mayes Creek to Wilson Branch	TN05130204 016 – 4000	Low DO
HARPETH RIVER TRIBUTARIES Arrington Cr, Spencer Cr, Watson Br, 5-mile Cr, Lynnwood Cr, and Starnes Cr	TN05130204 016	Organic enrichment/low dissolved oxygen
Concord Creek	TN051300204 018 – 0200	Organic enrichment/low dissolved oxygen
Kelley Creek	TN051300204 018 – 0300	Organic enrichment/low dissolved oxygen
Harpeth River – unnamed trib. To headwaters	TN051300204 018 – 3000	Low DO
HARPETH RIVER TRIBUTARIES Newsome Cr, Trace Cr, and Murray Branch are partially supporting	TN05130204 009	Organic enrichment/low dissolved oxygen
Beech Creek	TN05130204 009 – 1100	Organic enrichment/low dissolved oxygen
WEST FORK HARPETH RIVER A portion of West Harpeth, plus Cayce Branch, Polk, and Kennedy Creek are partially supporting	TN05130204 013	Organic enrichment/low dissolved oxygen
Rattlesnake Branch	TN05130204 013 – 0610	Organic enrichment/low dissolved oxygen
HARPETH RIVER From South Harpeth River to the Little Harpeth River	TN05130204009-2000	Organic enrichment/low dissolved oxygen
HARPETH RIVER From Little Harpeth River to the West Harpeth River	TN05130204009-3000	Organic enrichment/low dissolved oxygen
LITTLE HARPETH RIVER From Harpeth River to Otter Cr	TN05130204021-1000	Low DO

Table 18 Nutrient Waste Load Allocations for MS4s

Subwatershed (05130204)	WLAs for MS4s			
	Total Nitrogen		Total Phosphorus	
	Summer *	Winter *	Summer *	Winter *
	[lbs/ac/month]	[lbs/ac/month]	[lbs/ac/month]	[lbs/ac/month]
0101	0.186	0.521	0.037	0.105
0104	0.173	0.520	0.021	0.063
0105	0.164	0.516	0.012	0.041
0201	0.167	0.521	0.014	0.043
0202	0.152	0.459	0.012	0.037
0301	0.148	0.438	0.012	0.035
0302	0.167	0.521	0.014	0.043

* Summer: 5/1 – 10/31; Winter: 11/1 – 4/30.

Table 26 Wasteload and Load Allocations to Watershed Runoff protect DO levels in the lower Harpeth River

HUC-12 Subwatershed (05130204)	Total Nitrogen * Summer lbs/month	Total Nitrogen * Winter lbs/month	WLA Percent Reduction in MS4 Area	LA Percent Reduction in rural area
0104	7335	21966	20.0	20.0
0105	5864	18260	49.4	49.4
0201	4062	12649	53.1	53.1
0202	3026	9119	53.1	53.1
0301	6253	18537	44.8	44.8
0302	5275	16425	34.3	34.3

* Summer: May 1 – October 31; Winter: November 1 – April 30

The majority of Spencer Creek (TN05130204016-0200) in the 0105 watershed is not located within the City Limits. Only small portions of the headwaters are within the City Limits.

The portion of the Little Harpeth (TN05130204021-1000) listed for the 0302 watershed (0601 on the TDEC GIS viewer) is not located within the City Limits.

Section 2.C. - List of Exceptional Tennessee Waters (ETWs) to which the MS4 discharges

Waterbody Name	Waterbody Description	HUC 8	Reason for Inclusion
Edmonson Branch	From Owl Creek to Sunset Road crossing.	05130202	Federal endangered Nashville Crayfish.
Mill Creek Unnamed Tributary	From Mill Creek near Old Hickory Blvd to Hwy 11/41a/31a crossing.	05130202	Federal endangered Nashville Crayfish.
Owl Creek Unnamed Tributary	From Owl Creek near Sunset Rd to origin.	05130202	Federal endangered Nashville Crayfish has been documented from Owl Creek to first road crossing.
Owl Creek Unnamed Tributary	From Owl Creek to origin.	05130202	Federal endangered Nashville Crayfish has been documented from Owl Creek to Carpenter Rd crossing.

2015 VSA Little Harpeth River	
Location Type	**Number of Locations**
Channel Alteration	1
Erosion Site	24
Exposed Pipe	27
Fish Barrier	3
In or Near Stream Construction	0
Inadequate Buffer	7
Pipe Outfall	87
Representative Site	13
Trash Dumping	2
Unusual Condition	6
TOTAL:	170

2020 VSA Little Harpeth River	
Location Type	**Number of Locations**
Channel Alteration	3
Erosion Site	20
Exposed Pipe	56
Fish Barrier	17
In or Near Stream Construction	2
Inadequate Buffer	17
Pipe Outfall	19
Representative Site	12
Trash Dumping	1
Unusual Condition	85
TOTAL:	232

ACTIVE TNR PERMITS BRENTWOOD JUNE 2020

Permit No	Site Name	Permittee Name	Project Name	Permit Typ	Status	Location	City	_Effective_
TNR244176	Andrews Cadillac, Jaguar, Land Rove	Andrews Property Holding, LL	Andrews Cadillac Jaguar Land Rover Site	CGP	Active	1 Cadillac Drive	Brentwood	30-Apr-20
TNR241403	Taramore Development	Barlow Builders, LLC	Taramore Lots 194-203	CGP	Active	Easternmost portion of Nottaw	Brentwood	21-Feb-17
TNR243239	Berryman Property	Brian Berryman	Berryman Property	CGP	Active	6211 Murray Ln.	Brentwood	11-Apr-19
TNR240285	Music City Motors	C & C Properties	Music City Motors	CGP	Active	1599 Mallory Ln.	Brentwood	30-Nov-15
TNR240467.03	Witherspoon (Farms)	Castle Homes, LLC	Sec. 1&2, Lot 149	CGP	Active	0.55 east of the intersection w	Brentwood	12-Jan-17
TNR243548	Brentwood Police HQ	City of Brentwood	Brentwood Police Headquarters	CGP	Active	910 Heritage Way	Brentwood	19-Jul-19
TNR243234	Maryland Farms Trail	City of Brentwood	Maryland Farms Trail	CGP	Active	Brentwood Park to Lenox Rd.	Brentwood	24-Feb-19
TNR243460	Crockett Road	City of Brentwood, TN Water	Crockett Road 12" Water Line Replacen	CGP	Active	Crockett Rd.	Brentwood	23-Jul-19
TNR244064	935 Edmondson Pk.	Doug Majors	935 Edmonson Pike	CGP	Active	935 Edmondson Pk.	Brentwood	21-Apr-20
TNR240620.01	Morgan Farms (Azalea Park)	Drees Premier Homes, Inc.	Sec. 6, Lot 204	CGP	Active	Split Log Rd.	Brentwood	27-May-20
TNR240620.02	Morgan Farms (Azalea Park)	Drees Premier Homes, Inc.	Sec. 6, Lot 205	CGP	Active	Split Log Rd.	Brentwood	27-May-20
TNR147810.04	Tuscany Hills	Encore Construction, LLC	Ph 5, Lot 61	CGP	Active	Northeast of the intersection o	Brentwood	10-Mar-15
TNR240620	Morgan Farms (Azalea Park)	Forestar Group	Ph. 6	CGP	Active	Split Log Rd.	Brentwood	17-May-16
TNR149512	Morgan Farms (Azalea Park)	Forestar Group	Phase 5	CGP	Active	Split Log Rd.	Brentwood	6-Nov-14
TNR146799.23	Hidden Creek Subdivision	Fox Ridge Homes	Sec 1 Lot 22	CGP	Active	1641 Pinkerton Road	Brentwood	20-Mar-15
TNR146799.21	Hidden Creek Subdivision	Fox Ridge Homes	Sec 1, Lot 15	CGP	Active	1641 Pinkerton Road	Brentwood	9-Feb-15
TNR146799.22	Hidden Creek Subdivision	Fox Ridge Homes	Sec 1 Lot 17	CGP	Active	1641 Pinkerton Road	Brentwood	9-Feb-15
TNR146799.20	Hidden Creek Subdivision	Fox Ridge Homes	Sec 1 Lot 18	CGP	Active	1641 Pinkerton Road	Brentwood	15-Jan-15
TNR146799.16	Hidden Creek Subdivision	Fox Ridge Homes	Sec 1 Lot 19	CGP	Active	1641 Pinkerton Road	Brentwood	9-Oct-14
TNR243121	Grace Community Phase 2	Grace Community Church	Grace Community Church - Phase 4	CGP	Active	5711 Granny White Pk	Brentwood	4-Jan-19
TNR243116	Oman Development	Grove Park Construction	Oman Property	CGP	Active	900 Franklin Pk.	Brentwood	15-Jan-19
TNR149754	Callie Ann Estates (Holly Tree Gap S	Grove Park Construction LLC	Callie Ann Estates (Holly Tree Gap Subd	CGP	Active	Holly Tree Gap Rd.	Brentwood	27-Mar-15
TNR149700	Johnson Cove SD	Grove Park Construction LLC	-	CGP	Active	6421 Johnson Chapel Rd. W.	Brentwood	6-Mar-15
TNR149578	Hill Center - Brentwood	H.G. Hill Realty Company	Hill Center Brentwood	CGP	Active	209 Franklin Road, Brentwood,	Brentwood	11-Dec-14
TNR243880	HVUD Eastern Transmission Main	Harpeth Valley UD	Harpeth Valley Utility District - Eastern	CGP	Active	Hillsboro/Sneed to Beech Cree	Brentwood	26-Dec-19
TNR241926	The Heritage	Heritage Retirement Facilities	The Heritage - Phase 4	CGP	Active	East of Heritage Way and soutl	Brentwood	11-Sep-17
TNR148376.02	Virginia Springs (a.k.a. PLC Propertie	Highwoods Realty Limited Pa	Virginia Springs Commercial	CGP	Active	Brentwood	Brentwood	16-Aug-16
TNR242528	Witherspoon (Farms)	Holt Witherspoon , LLC	Witherspoon - Phases 5 & 6	CGP	Active	0.55 east of the intersection w	Brentwood	4-May-18
TNR241285	Witherspoon (Farms)	Holt Witherspoon , LLC	Witherspoon - Phase 3 & 4	CGP	Active	0.55 east of the intersection w	Brentwood	30-Dec-16
TNR240467	Witherspoon (Farms)	Holt Witherspoon , LLC	Witherspoon - Phase 1	CGP	Active	0.55 east of the intersection w	Brentwood	14-Mar-16
TNR243852	Witherspoon (Farms)	Holt Witherspoon, LLC	Witherspoon - Phases 7 & 8	CGP	Active	0.55 east of the intersection w	Brentwood	2-Dec-19
TNR243181	Journey Church	Journey Church Franklin Tenr	Journey Church	CGP	Active	1600 Wilson Pk.	Brentwood	1-Feb-19
TNR244330	Maryland Way Parking	Keith Everett	5301 Maryland Way - Parking Lot Remo	CGP	Active	5301 Maryland Way	Brentwood	17-Aug-20
TNR244368	Sunset & Nolensville Retail	Kenneth Premo	Sunset & Nolensville Retail Center	CGP	Active	Sunset Rd. & Nolensville Rd.	Brentwood	29-Jul-20
TNR149650	Split Log Cove Subdivision	Land Development.com Inc.	Split Log Cove Subdivision	CGP	Active	Split Log Rd. & Wilson Pk.	Brentwood	26-Feb-15
TNR240629	Fox Crest	Larry Powell Builders, Inc.	-	CGP	Active	Edmondson Pk., Map 30 Parcel	Brentwood	28-Jul-16
TNR241285.01	Witherspoon (Farms)	Mike Ford Custom Builders, L	Sec. 3&4, Lot 45	CGP	Active	0.55 east of the intersection w	Brentwood	14-Feb-20
TNR145581	Brentwood Lights Subdivision	Mt. View, LLC	-	CGP	Active	End of Wildwood Drive, Near tl	Brentwood	16-Feb-16
TNR240893	Avery (Murray Ln)	Murray Lane Development, L	Avery	CGP	Active	6422 Murray Lane	Brentwood	22-Jun-16
TNR243534	Bella Colina	Oldsmith Development Grou	Bella Colina	CGP	Active	9634 Concord Rd.	Brentwood	26-May-20
TNR242366	Belle Terra SD	Partners In Building of TN, LL	Belle Terra Subdivision	CGP	Active	9210 Concord Rd.	Brentwood	1-Mar-18
TNR149909.01	Terrabrooke Development	Partners In Building, TN LLC	Lots 1-8	CGP	Active	9655 Split Log Road	Brentwood	27-Jul-16
TNR243276	Lawson Property	Partners in Building	Lawson Property	CGP	Active	1185-1267 Wilson Pk.	Brentwood	8-Apr-19
TNR242562	The Heights	Partners in Building	The Heights Subdivision	CGP	Active	9744 Concord Rd.	Brentwood	22-May-18

TNR242753	PNG - Wilson Pk./Sunset Rd. Loopin	Piedmont Natural Gas Compa	Piedmont Natural Gas - Wilson Pike/Sur	CGP	Active	Wilson Pk. to Sunset Rd.	Brentwood	18-Oct-18
TNR242835	Taramore Development	Pulte Homes Tennessee LP	Taramore - Phase 10	CGP	Active	Easternmost portion of Nottaw	Brentwood	14-Jun-19
TNR242512	Taramore Development	Pulte Homes Tennessee LP	Taramore Phase 12	CGP	Active	Easternmost portion of Nottaw	Brentwood	8-May-18
TNR240511	Taramore Development	Pulte Homes Tennessee LP	Taramore Phases 11 & 13	CGP	Active	Easternmost portion of Nottaw	Brentwood	25-Feb-16
NRS17.348	Taramore Development	Pulte Homes Tennessee LP	Taramore Development East of Georgia	ARAP	Active	Easternmost portion of Nottaw	Brentwood	-
TNR242323	Raintree Forest	Raintree Capital, LLC	Raintree Section 4	CGP	Active	Eastwood Drive	Brentwood	6-Feb-18
TNR241306	Marshall Place	SDT, LLC	Marshall Place	CGP	Active	Wilson Pk./Carondelet Pl.	Brentwood	9-Dec-16
TNR242564	Pena Estates-Concord Pass	Samuel Riyad	Concord Pass Lot 1 Lot 2 Pena Estates	CGP	Active	213 Brentwood Pt	Brentwood	12-Jun-18
TNR240660	Sneed Manor	Sneed Manor Development C	-	CGP	Active	9207 Old Smyrna Rd.	Brentwood	28-Apr-16
TNR191845	TDOT (PIN: 101789.01)	Tennessee Department of Tra	SR-106 at Murray Lane (LM 22.70)	CGP	Active	Signalization of SR-106 and Mu	Brentwood	30-Sep-19
TNR243296	Primm Farm	The 2010-C Pedigo Trust	Primm Farm	CGP	Active	8318 Moores Ln.	Brentwood	30-Apr-19
TNR243095	Flood Residence	Thomas and Vickie Flood	Flood Residence	CGP	Active	Stella Vista Ct.	Brentwood	12-Dec-18
TNR149540	Tuscany Hills	Trace Construction, Inc	Phase VII (Bellasara)	CGP	Active	Northeast of the intersection o	Brentwood	20-Nov-14
TNR148376.01	Virginia Springs (a.k.a. PLC Propertie	Tractor Supply	Corporate Headquarters	CGP	Active	Brentwood	Brentwood	3-Dec-12
TNR244379	Twice Daily #6615	Tri Star Services, LLC	Twice Daily Store #6615	CGP	Active	799 Old Hickory Blvd	Brentwood	10-Jul-20
TNR240467.01	Witherspoon (Farms)	Turnberry Homes	Sec. 1 & 2, Lots 107-129, 141-146	CGP	Active	0.55 east of the intersection w	Brentwood	-
TNR244427	Allen Property	Turnberry Homes	Allen Property	CGP	Active	Borrow Ln.	Brentwood	18-Aug-20
TNR240658	Stonecrest	Turnberry Homes	Stonecrest	CGP	Active	Bluff Rd. (Williamson/Davidson	Brentwood	8-Jun-16
TNR148376	Virginia Springs (a.k.a. PLC Propertie	Virginia Springs Investments,	Virginia Springs (a.k.a. PLC Properties)	CGP	Active	Brentwood	Brentwood	13-Dec-17
TNR244173	9578 Liberty Church Road	West End Builders	9578 Liberty Church Road	CGP	Active	9578 Liberty Church Road	Brentwood	26-May-20
TNR241349	Traditions - Phase 3	Whistler Farms, LLC	Traditions - Phase 3	CGP	Active	SE of the intersection of Split L	Brentwood	29-Dec-16
TNR240833	Traditions - Phase 3	Whistler Farms, LLC	Phase 2	CGP	Active	SE of the intersection of Split L	Brentwood	13-Oct-16
TNR243546	Williamson County Rec Center	Williamson County	Williamson County Rec Center	CGP	Active	920 Heritage Way	Brentwood	9-Sep-19
TNR244032	Sunset Middle School	Williamson County Schools	Sunset Middle School Auditorium Addit	CGP	Active	200 Sunset Trail	Brentwood	2-Apr-20
TNR244337	Brentwood High School	Williamson County Schools Fa	Brentwood High School - Administratior	CGP	Active	5304 Murray Ln.	Brentwood	25-Jun-20