



# Gallatin Public Utilities

*Water ♦ Sewer ♦ Natural Gas*

April 30, 2014

Manager, Enforcement and Compliance Section  
Tennessee Department of Environment and Conservation  
Division of Water Pollution Control  
312 Rosa L. Parks Avenue  
Tennessee Tower – 11<sup>th</sup> Floor  
Nashville, TN 37243

Manager, Nashville Environmental Field Office  
Tennessee Department of Environment and Conservation  
Division of Water Pollution Control  
711 R.S. Gass Boulevard  
Nashville, TN 37243

Re: Agreed Order - Case No. WPC11-0066  
Docket No. 04.30-116140A  
Item No. 9 - Submittal of Annual Report  
Sumner County, Tennessee

Ladies and Gentlemen:

In accordance with the provisions of the Agreed Order, referenced above, Item Number 9 – Annual Report submittal, below is the annual report for your review and approval. A copy of this annual report is also being placed on our website in the Public Document Repository.

**Sanitary Sewer Overflow Response Plan (SSORP):**

Our Sanitary Sewer Overflow Response Plan was approved by the Tennessee Department of Environment and Conservation (TDEC) on November 7, 2013, and fully implemented as of January 27, 2014. We experienced a total of 51 sanitary sewer overflows during 2013; of these overflows, 34 were rainfall related, 5 were caused by a blockage, 7 were pump station failures (power or controls), 2 were caused by air-release valve failures, 2 were due to line breaks, and 1 was caused by excessive flow.

Corrective Action Plan/Engineering Report (CAP/ER):

A draft Corrective Action Plan/Engineering Report (CAP/ER) was submitted to the Tennessee Department of Environment and Conservation (TDEC) for review and approval on November 13, 2012. The CAP/ER was approved by the Department on December 13, 2012. As indicated in the CAP/ER there are currently several projects in the various stages of design and construction, these include the following:

Contract 212 – 2012 Sewer System Rehabilitation – Phase 1

Construction continues on this project with approximately 20,200 linear feet of 8" to 24" sanitary sewer main having been replaced with HDPE pipe by pipe-bursting. Approximately 150 sanitary sewer services have been replaced, 9 manholes have been replaced, and approximately 500 vertical feet of manholes have been rehabilitated. An additional 10,000 linear feet of sanitary sewer main replacement is being added to this project along with additional manhole rehabilitation. This project is tentatively scheduled for completion in the summer of 2014.

Bull's Creek Lift Station

Our engineering firm (James C. Hailey and Associates) is in the initial phase of the design of a replacement for the Bull's Creek Lift Station. This project is being designed to eliminate rainfall related sanitary sewer overflows at this location.

Capacity, Management, Operations, and Maintenance (CMOM) Plan:

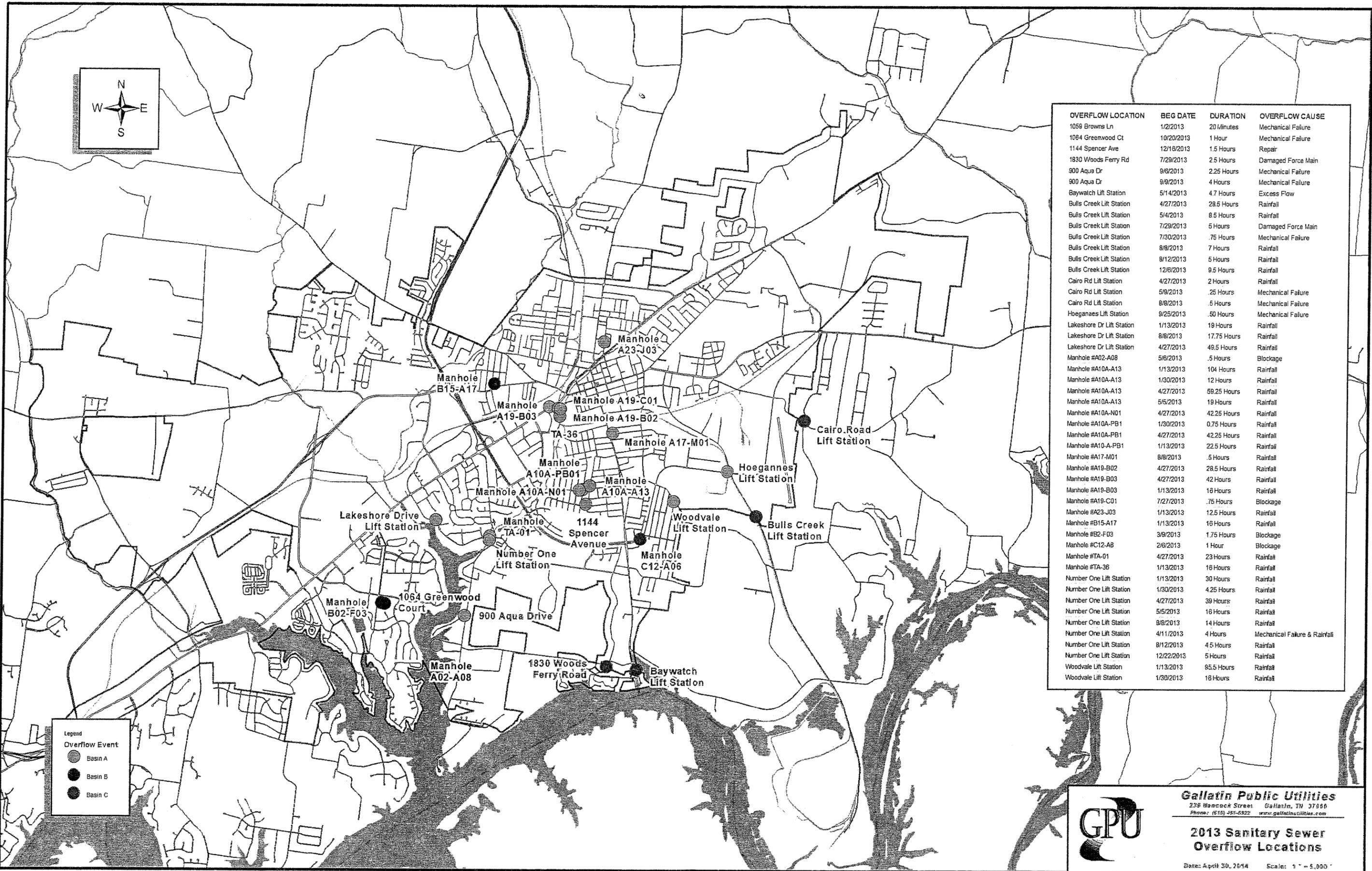
A draft Capacity, Management, Operations, and Maintenance (CMOM) plan was submitted to the Tennessee Department of Environment and Conservation for review and approval on January 15, 2013. We continue to work on the evaluation of our sanitary sewer collection system pending final approval of this plan. As of the end of 2013 we have hydraulically cleaned in excess of 43% of our collection system (approximately 383,515 linear feet – 72.6 miles). We have CCTV inspected in excess of 81% of our collection system (approximately 885,716 linear feet – 167.8 miles). We have also performed over 2,400 manhole inspections. We continue to monitor and evaluate sanitary sewer system flows utilizing a network of 13 permanent flow monitors.

Please do not hesitate to contact me should you have any questions or require any additional information.

Sincerely,



David T. Kellogg  
Assistant Superintendent  
Gallatin Public Utilities



OVERFLOW LOCATION	BEG DATE	DURATION	OVERFLOW CAUSE
1059 Browns Ln	1/2/2013	20 Minutes	Mechanical Failure
1064 Greenwood Ct	10/20/2013	1 Hour	Mechanical Failure
1144 Spencer Ave	12/18/2013	1.5 Hours	Repair
1830 Woods Ferry Rd	7/29/2013	2.5 Hours	Damaged Force Main
900 Aqua Dr	9/6/2013	2.25 Hours	Mechanical Failure
900 Aqua Dr	9/9/2013	4 Hours	Mechanical Failure
Baywatch Lift Station	5/14/2013	4.7 Hours	Excess Flow
Bulls Creek Lift Station	4/27/2013	28.5 Hours	Rainfall
Bulls Creek Lift Station	5/4/2013	8.5 Hours	Rainfall
Bulls Creek Lift Station	7/29/2013	5 Hours	Damaged Force Main
Bulls Creek Lift Station	7/30/2013	.75 Hours	Mechanical Failure
Bulls Creek Lift Station	8/8/2013	7 Hours	Rainfall
Bulls Creek Lift Station	8/12/2013	5 Hours	Rainfall
Bulls Creek Lift Station	12/6/2013	9.5 Hours	Rainfall
Cairo Rd Lift Station	4/27/2013	2 Hours	Rainfall
Cairo Rd Lift Station	5/9/2013	25 Hours	Mechanical Failure
Cairo Rd Lift Station	8/8/2013	5 Hours	Mechanical Failure
Hoegannes Lift Station	9/25/2013	.50 Hours	Mechanical Failure
Lakeshore Dr Lift Station	1/13/2013	19 Hours	Rainfall
Lakeshore Dr Lift Station	8/8/2013	17.75 Hours	Rainfall
Lakeshore Dr Lift Station	4/27/2013	49.5 Hours	Rainfall
Manhole #A02-A08	5/6/2013	.5 Hours	Blockage
Manhole #A10A-A13	1/13/2013	104 Hours	Rainfall
Manhole #A10A-A13	1/30/2013	12 Hours	Rainfall
Manhole #A10A-A13	4/27/2013	59.25 Hours	Rainfall
Manhole #A10A-A13	5/5/2013	19 Hours	Rainfall
Manhole #A10A-N01	4/27/2013	42.25 Hours	Rainfall
Manhole #A10A-PB1	1/30/2013	0.75 Hours	Rainfall
Manhole #A10A-PB1	4/27/2013	42.25 Hours	Rainfall
Manhole #A10A-PB1	1/13/2013	22.5 Hours	Rainfall
Manhole #A17-M01	8/8/2013	.5 Hours	Rainfall
Manhole #A19-B02	4/27/2013	28.5 Hours	Rainfall
Manhole #A19-B03	4/27/2013	42 Hours	Rainfall
Manhole #A19-B03	1/13/2013	16 Hours	Rainfall
Manhole #A19-C01	7/27/2013	.75 Hours	Blockage
Manhole #A23-J03	1/13/2013	12.5 Hours	Rainfall
Manhole #B15-A17	1/13/2013	16 Hours	Rainfall
Manhole #B2-F03	3/9/2013	1.75 Hours	Blockage
Manhole #C12-A6	2/8/2013	1 Hour	Blockage
Manhole #TA-01	4/27/2013	23 Hours	Rainfall
Manhole #TA-36	1/13/2013	16 Hours	Rainfall
Number One Lift Station	1/13/2013	30 Hours	Rainfall
Number One Lift Station	1/30/2013	4.25 Hours	Rainfall
Number One Lift Station	4/27/2013	39 Hours	Rainfall
Number One Lift Station	5/5/2013	16 Hours	Rainfall
Number One Lift Station	8/8/2013	14 Hours	Rainfall
Number One Lift Station	4/11/2013	4 Hours	Mechanical Failure & Rainfall
Number One Lift Station	8/12/2013	4.5 Hours	Rainfall
Number One Lift Station	12/22/2013	5 Hours	Rainfall
Woodvale Lift Station	1/13/2013	95.5 Hours	Rainfall
Woodvale Lift Station	1/30/2013	16 Hours	Rainfall

Legend  
 Overflow Event  
 ● Basin A  
 ● Basin B  
 ● Basin C

**Gallatin Public Utilities**  
 239 Hancock Street Gallatin, TN 37066  
 Phone: (615) 251-6822 www.gallatinutilities.com

**2013 Sanitary Sewer  
 Overflow Locations**

Date: April 30, 2014 Scale: 1" = 5,000'

I:\Utilities\GIS\SanitarySewer\SanitarySewerOverflowEventMap.mxd 4/30/2014