



SUMMARY OF RECOMMENDED WASTEWATER TREATMENT AND COLLECTION SYSTEM IMPROVEMENT PROJECTS

City of Hot Springs

Reference Number	Basin Location	Project Name	SSO Manhole Mitigation	Modeled Wet Weather SSO Volume (MG)	Percent of SSO Volume	SSO Ranking by Volume	CAO LIS 08-099-002 Deadline 12/31/24	CAO LIS 22-007 Deadline 6/3/25	CAO LIS 08-099-002 Deadline 12/31/30	Disposition - February 5, 2023	Disposition - May 10, 2023
1	DWWTP	Tertiary Filter Equipment Procurement	N/A	N/A	N/A	N/A	X			Complete	Complete
2	DWWTP	Tertiary Filter Improvement Design and Installation	N/A	N/A	N/A	N/A	X			Complete	Complete
3	DWWTP	Piping Improvements	N/A	N/A	N/A	N/A	X			Design Complete, DEQ Construction Permit; DEQ NPDES Permit Modification Submitted 9/15/22, Status - Under DEQ Review - Construction Permit Needed by End of March complete by deadline or an extension may be required	Design Complete, DEQ Construction Permit; DEQ NPDES Permit Modification Submitted 9/15/22, Status - Under DEQ Review - Construction Permit Needed by End - Need a minimum of 18 to 24 months for construction, start-up, and commissioning
4	DWWTP	Chemical System Improvements									
5	DWWTP	Aeration Basin and Blowers									
6	DWWTP	Secondary Clarification									
7	DWWTP	UV Disinfection									
8	Gulpha	East Grand Ave Collection	10578	0.0004	0.0%	8		X		Complete	Complete
9	Gulpha	Spring Street Collection (Upper Gulpha)	4117, 4118	0.9	10.3%	2		X ⁽²⁾		Design Complete	Design Complete
10	HSC	Lakeside Pump Station	5259, 5260	0.23	2.6%	5			X	Commence Design in 2025	Commence Design in 2025
11	Gulpha	Gulpha Interceptor (Gravity)	1750	6.9	79.1%	1		X ⁽¹⁾		Under Design, Acquiring Easements, Commence Construction Start 4QTR23, Complete 2025	Under Design, Acquiring Easements, Construction Start 4QTR23, Complete 2025
12	Gulpha	Gulpha Pump Station & Force Main	1750					X ⁽¹⁾		Design Underway, Award June 2023, Complete 2025	Pump Station Plans - ADH Review; Force Main Plans now incorporate replacement of 20-in FM; Scheduled for ADH Submission May 2023; Award July 2023, Complete 2025
13	Gulpha	Ridgeway Steet	1754, 1755	0.4	4.6%	3		X ⁽²⁾		Commence Design in 2025	Commence Design in 2025
14	Mazarn	SWWWTP	13483, 13484	0.16	1.8%	4			X	Commence Design in 2025	Commence Design in 2025
16	Mazarn	Mazarn Pump Station No.: 01	9250	0.11	1.3%	6			X	Commence Design in 2025	Commence Design in 2025
17	HSC	Hot Springs Creek	1865, 1866	0.02	0.2%	7			X	TM Complete, Pumps and Equipment Procurement, Scheduled to Complete Summer 2024 (Operational Restraints)	TM Complete, Pumps and Equipment Procurement, Scheduled to Complete Summer 2024 (Operational Restraints)
Subtotal				8.72							

DWWTP = Davidson WWTP

TM = Technical Memorandum

Date: 2/15/2023

Date: 5/10/2023

HSC = Hot Springs Creek

⁽¹⁾ CAO 22-007 August 16, 2021 Letter states a deadline of 6/3/25

⁽²⁾ These SSO locations will be monitored concluding completion of Project 11 and 12