

EPD Director's Office

2 Martin Luther King, Jr. Drive
Suite 1456, East Tower
Atlanta, Georgia 30334
404-656-4713

CATEGORICAL EXCLUSION DETERMINATION

Lift Station Replacement and Sewer Cleaning
City of Lookout Mountain (Walker County)
ARC Grant No. ARC-GA-20289

The Georgia Environmental Protection Division (EPD) has conducted a review of the above project in accordance with the State's Environmental Review Process (SERP). EPD has determined that this project is eligible for a categorical exclusion. Accordingly, no further environmental review is planned. The proposed project consists of the replacement of the Chickamauga Trail Lift Station No. 1 and the cleaning of approximately 7,595 linear feet of 8-in force main by ice-pigging methods. Existing buildings will not be impacted as a result of this project. All construction will be located on City-owned property and/or existing right-of-ways. The project will not be located in the 100-year floodplain as indicated by the Federal Emergency Management Agency (FEMA) map.

This project is eligible for a categorical exclusion because it meets the following specific criteria, outlined in the SERP: functional replacement of equipment and minor rehabilitation of existing facilities. Furthermore: the project will not create a new or relocate an existing discharge to surface or ground waters; the project will not substantially increase the volume of discharge or loading of pollutants; the project will not provide capacity to serve a population 30% greater than the existing population; the project will not have a significant effect on the quality of the human environment; the action will not directly or indirectly affect cultural resources, habitats of endangered or threatened species, or environmentally important natural resource areas; and the action is cost-effective and should cause no significant public controversy.

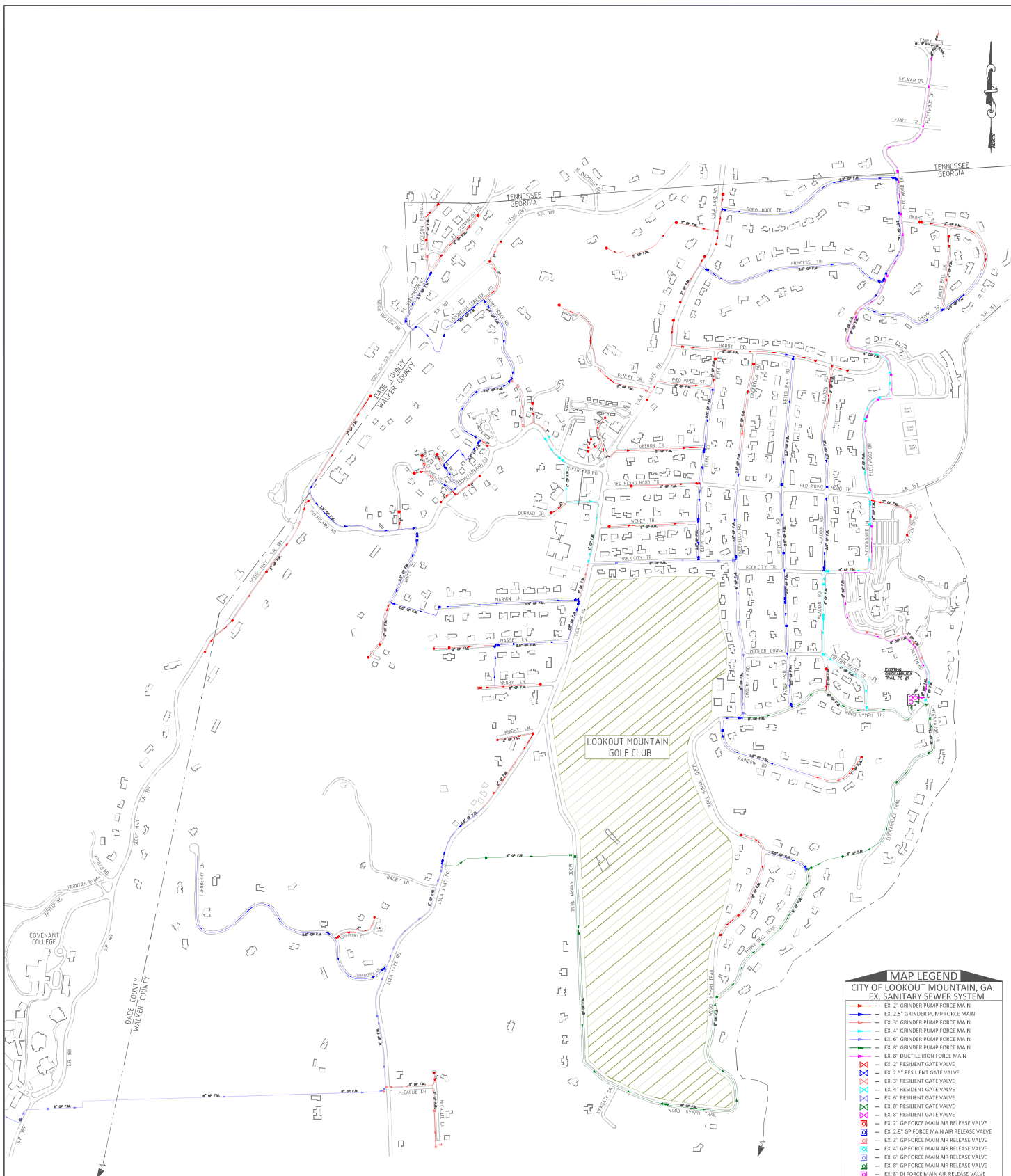
This determination is effective immediately. This exclusion may be revoked at any time if: 1) the project is altered and no longer meets the requirements of a categorical exclusion, 2) new evidence shows that serious environmental issues exist, or 3) a local, State or Federal law is being or may be violated. The information which supports this decision can be viewed online via the Georgia EPD Online System (GEOS) at https://geos.epd.georgia.gov/GA/GEOS/Public/Client/GA_GEOS/Public/Pages/PublicApplicationList.aspx and is available for public review upon request with the Georgia EPD.

If you have any questions about this determination, please contact August Lutkehus of my staff at august.lutkehus@dnr.ga.gov or (470) 524-0733.

Issuance Date: 09/23/2024



Jeffrey W. Cown, Director
Environmental Protection Division

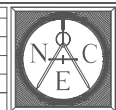


NOTES:

- 1.) THE CITY OF LOOKOUT MOUNTAIN'S SEWAGE COLLECTION SYSTEM CONSISTS OF A "LOW-PRESSURE" INDIVIDUAL GRINDER PUMP SYSTEM.
- 2.) THE INDIVIDUAL GRINDER PUMPS AND SERVICE LINES FROM RESIDENCES & BUSINESSES ARE NOT SHOWN ON THIS MAP.
- 3.) THE EXISTING SEWAGE PUMP STATION #1 WAS ORIGINALLY RATED AT 550 GPM @ 265 FT.(TDH) AND PUMPS ALL OF LOOKOUT MOUNTAIN'S SEWAGE FLOW THROUGH 7,500 LINEAR FEET OF 8" DUCTILE IRON FORCEMAIN TO THE CITY OF CHATTANOOGA'S SEWAGE COLLECTION SYSTEM.

MAP LEGEND	
CITY OF LOOKOUT MOUNTAIN, GA. EX. SANITARY SEWER SYSTEM	
—	EX. 2" GRINDER PUMP FORCE MAIN
—	EX. 2.5" GRINDER PUMP FORCE MAIN
—	EX. 3" GRINDER PUMP FORCE MAIN
—	EX. 4" GRINDER PUMP FORCE MAIN
—	EX. 6" GRINDER PUMP FORCE MAIN
—	EX. 8" GRINDER PUMP FORCE MAIN
—	EX. 8" DUCTILE IRON FORCE MAIN
—	EX. 2" RESILIENT GATE VALVE
—	EX. 2.5" RESILIENT GATE VALVE
—	EX. 3" RESILIENT GATE VALVE
—	EX. 4" RESILIENT GATE VALVE
—	EX. 6" RESILIENT GATE VALVE
—	EX. 8" RESILIENT GATE VALVE
—	EX. 2" GP FORCE MAIN AIR RELEASE VALVE
—	EX. 2.5" GP FORCE MAIN AIR RELEASE VALVE
—	EX. 3" GP FORCE MAIN AIR RELEASE VALVE
—	EX. 4" GP FORCE MAIN AIR RELEASE VALVE
—	EX. 6" GP FORCE MAIN AIR RELEASE VALVE
—	EX. 8" GP FORCE MAIN AIR RELEASE VALVE
—	EX. 2" GP FORCE MAIN CLEAN-OUT
—	EX. 2.5" GP FORCE MAIN CLEAN-OUT
—	EX. 3" GP FORCE MAIN CLEAN-OUT
—	EX. 4" GP FORCE MAIN CLEAN-OUT
—	EX. 6" GP FORCE MAIN CLEAN-OUT
—	EX. 8" GP FORCE MAIN CLEAN-OUT
—	EX. 2" GP FORCE MAIN CLEAN-OUT w/ ARV
—	EX. 6" FLOW METER (COVENANT COLLEGE)
—	EX. 8" V.C. GRAVITY SEWER (CHATTANOOGA)
—	EX. 8" C.I. GRAVITY SEWER (CHATTANOOGA)
—	EX. 4" DIAM. SS MANHOLE (CHATTANOOGA)
—	EX. HOMES/BUSINESSES

REVISIONS	No.	BY	DATE	DESCRIPTION



CITY OF LOOKOUT MOUNTAIN, GEORGIA

EXISTING SANITARY SEWER SYSTEM

Newsome Engineering & Consulting, Inc.

CIVIL • ENVIRONMENTAL • TRANSPORTATION • LAND PLANNING

DRAWN BY: TM
DATE: 10/06/2020
PROJECT NO: 2020-0255

GRAPHIC SCALE 1"=250'

250 0 250 500 750

EXHIBIT NO. 4.0

EXISTING LEGEND PUMP STATION #1

- ① - Ex. 6" Diam. Wet-Well (PS#1)
- ② - Ex. Valve pit (PS#1)
- ③ - Ex. 6" Mag Meter in Vault (PS#1)
- ④ - Ex. Koeler 200 kW (NG) Generator (PS#1)
- ⑤ - Ex. 1,500 Gal. Bioxide Tank w/ Metering Pump (Injection in Wet-Well)
- ⑥ - Ex. Calgon Carbon Scrubber (PS#1)
- ⑦ - Ex. (PS#1) Control Panel
- - Ex. Collection System Force Main
- - Ex. 8" DI Effluent Force Main
- - - Ex. Plug Valve

PROPOSED LEGEND PUMP STATION #2

- (A) - SEWAGE BY-PASS PUMPING OPERATION
- (B) - 15,000 GAL. EMERGENCY SEWAGE SPILL TANK
- (C) - SEWAGE BY-PASS ASSEMBLY INCL. CONC. VAULT
- (D) - COMPLETE PS#1 REHABILITATION INCL. CONC. REPAIR AND STRUCTURAL EPOXY LINING SYSTEM
- (E) - COMBINATION AIR RELEASE VALVES INCL. CONC. VAULT
- (F) - REPLACE EXISTING AIR SCRUBBER SYSTEM
- (G) - REPLACE EXISTING (NG) GENERATOR INCL. CONC. PAD
- (H) - 7,565 LF OF EX. 8" DIP FORCE MAIN "ICE-PIGGING"
- (I) - REPLACE EX. 8" WOODEN PRIVACY FENCE & GATE
- - - - PROPOSED SEWAGE BY-PASS LINES
- - - - PROPOSED CUT-IN 8" PLUG VALVE
- - - - PROPOSED CUT-IN 8"x8"x8" WYE INCL. 8" PLUG VALVE

