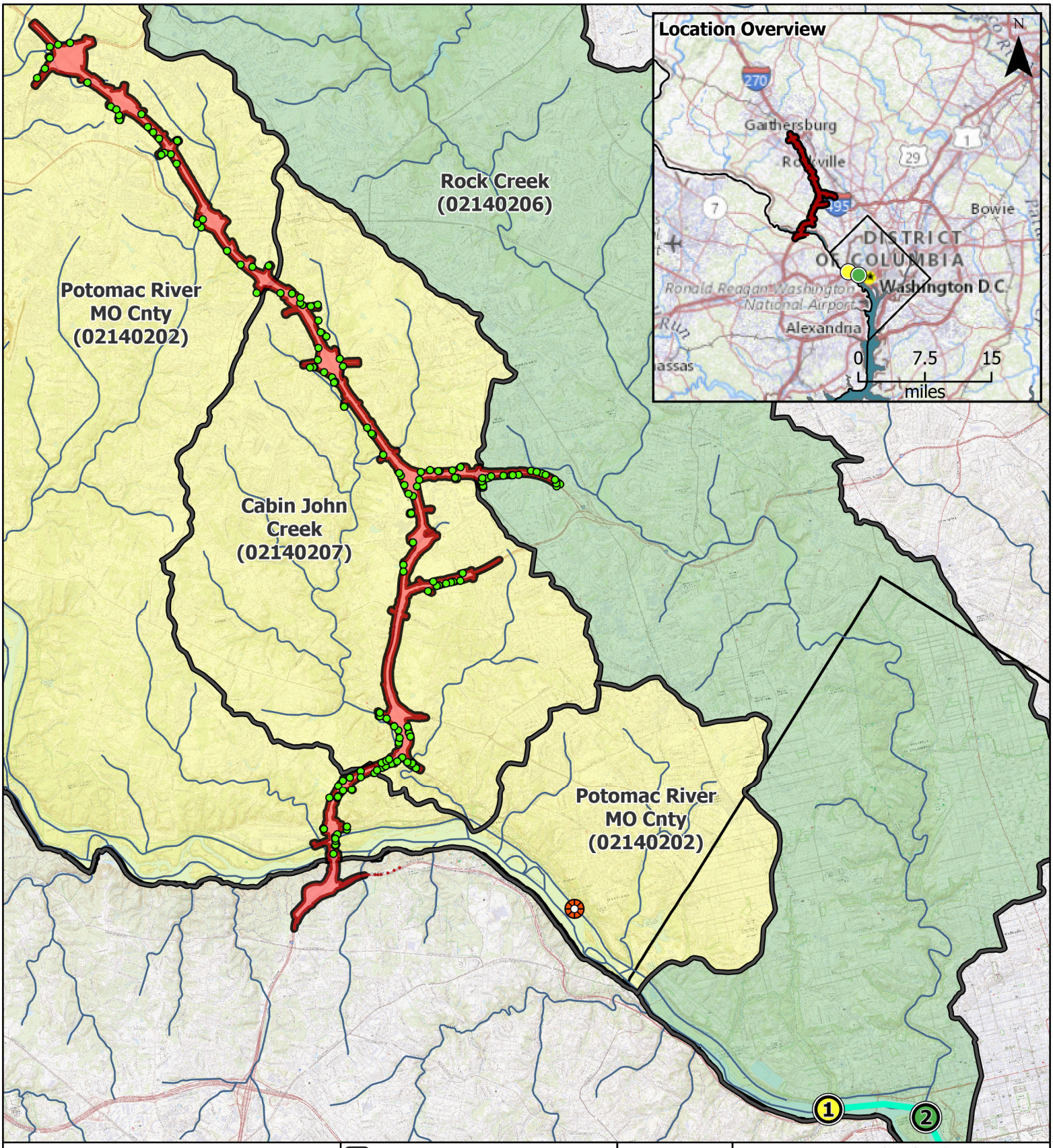
APPENDIX F1

USGS MAP SHOWING POTENTIAL DISCHARGE INTO NAVIGABLE WATERS FOR PHASE 1 SOUTH LOD



I-495/I-270 Managed Lane Study
Phase 1 South
Water Quality Certification

Appendix F1:
USGS Map Showing Potential Discharge into Navigable Waters for Phase 1 South LOD

Maryland
June 2022

Source: Falls Church, Washington West, Rockville, and Kensington Quadrangle Maps, 2020

- Limit of Disturbance *
- Maryland 8-digit Watershed
- Maryland Transit - Navigable Waterways
- POI and LOI Centerpoint Discharge Locations
- Navigable Waters Discharge Location
- Washington Aqueduct - Little Falls Intake

Area Drains To Location

- 1
- 2

* Temporary and permanent LODs combined.

N E S W

495 270 MANAGED LANES STUDY

0 0.75 1.5 3
miles

Table 1: Navigable Waters Discharge Locations for Phase 1 South LOD

POI/LOI	Navigable Waters Discharge Location Number	Latitude	Longitude
LOI-205654W	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-206697W	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-207852W	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA111083	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA111384	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA111553	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA114473	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA115000	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA115066	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA115949	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA116047	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA117722	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA118255	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA118371	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA118514	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA118731	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA118810	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA119151	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA119528	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA119543	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA119590	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA120278	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA120686	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA120806	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA120975	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA121359	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA121427	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA121776	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA122510	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA202400E	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA203000E	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA203100E	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA203700E	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA204100E	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA204500E	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SA205100E	1	38° 54' 13.90397"	-77° 04' 51.55569"

POI/LOI	Navigable Waters Discharge Location Number	Latitude	Longitude
LOI-SB212801	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB200006W	2	38° 53' 54.36642"	-77° 03' 33.70928"
LOI-SB200700W	2	38° 53' 54.36642"	-77° 03' 33.70928"
LOI-SB201274W	2	38° 53' 54.36642"	-77° 03' 33.70928"
LOI-SB202867W	2	38° 53' 54.36642"	-77° 03' 33.70928"
LOI-SB203469W	2	38° 53' 54.36642"	-77° 03' 33.70928"
LOI-SB204335W	2	38° 53' 54.36642"	-77° 03' 33.70928"
LOI-SB204808W	2	38° 53' 54.36642"	-77° 03' 33.70928"
LOI-SB204851W	2	38° 53' 54.36642"	-77° 03' 33.70928"
LOI-SB204853W	2	38° 53' 54.36642"	-77° 03' 33.70928"
LOI-SB204891W	2	38° 53' 54.36642"	-77° 03' 33.70928"
LOI-SB205800	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB206621W	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB207600	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB208996W	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB209800	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB211411	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB211796	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB501863	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB508479	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB509352	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB511139	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB70000	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB704235	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB707001	1	38° 54' 13.90397"	-77° 04' 51.55569"
LOI-SB71521	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA110500	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA111028	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA111120	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA111426	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA111619	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA111741	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA111764	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA112000	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA112072	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA112196	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA112203	1	38° 54' 13.90397"	-77° 04' 51.55569"

POI/LOI	Navigable Waters Discharge Location Number	Latitude	Longitude
POI-SA112241	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA114111	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA114317	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA114507	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA115448	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA115468	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA116706	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA117496	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA11808	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA118446	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA118587	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA118660	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA119426	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA119509	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA119515	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA119610	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA119614	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA120162	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA120472	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA120854	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA121035	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA121792	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA122745	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA122782	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA122984	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA203240E	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SA204210E	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB060100	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB062100	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB199564W	2	38° 53' 54.36642"	-77° 03' 33.70928"
POI-SB199663W	2	38° 53' 54.36642"	-77° 03' 33.70928"
POI-SB199801W	2	38° 53' 54.36642"	-77° 03' 33.70928"
POI-SB200922W	2	38° 53' 54.36642"	-77° 03' 33.70928"
POI-SB201647W	2	38° 53' 54.36642"	-77° 03' 33.70928"
POI-SB202469W	2	38° 53' 54.36642"	-77° 03' 33.70928"
POI-SB202965W	2	38° 53' 54.36642"	-77° 03' 33.70928"
POI-SB204552W	2	38° 53' 54.36642"	-77° 03' 33.70928"

POI/LOI	Navigable Waters Discharge Location Number	Latitude	Longitude
POI-SB204812W	2	38° 53' 54.36642"	-77° 03' 33.70928"
POI-SB204876W	2	38° 53' 54.36642"	-77° 03' 33.70928"
POI-SB205850	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB206302W	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB207661W	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB208287W	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB208944W	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB210874	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB211106	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB212661	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB500287	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB501744	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB502365	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB504355	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB506024	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB506038	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB506375	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB506660	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB507229	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB507492	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB507526	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB507606	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB507832	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB508479	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB508964	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB510144	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB511497	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB511692	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB511923	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB52100	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB600000	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB600492	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB603005	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB603680	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB604950	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB607070	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB607375	1	38° 54' 13.90397"	-77° 04' 51.55569"

POI/LOI	Navigable Waters Discharge Location Number	Latitude	Longitude
POI-SB607510	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB701573	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB702310	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB703640	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB70366	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB704742	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB704838	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB706531	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB706749	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB707519	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB71501	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB801364	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB803770	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB803886	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB804038	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB804186	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB804581	1	38° 54' 13.90397"	-77° 04' 51.55569"
POI-SB804740	1	38° 54' 13.90397"	-77° 04' 51.55569"