

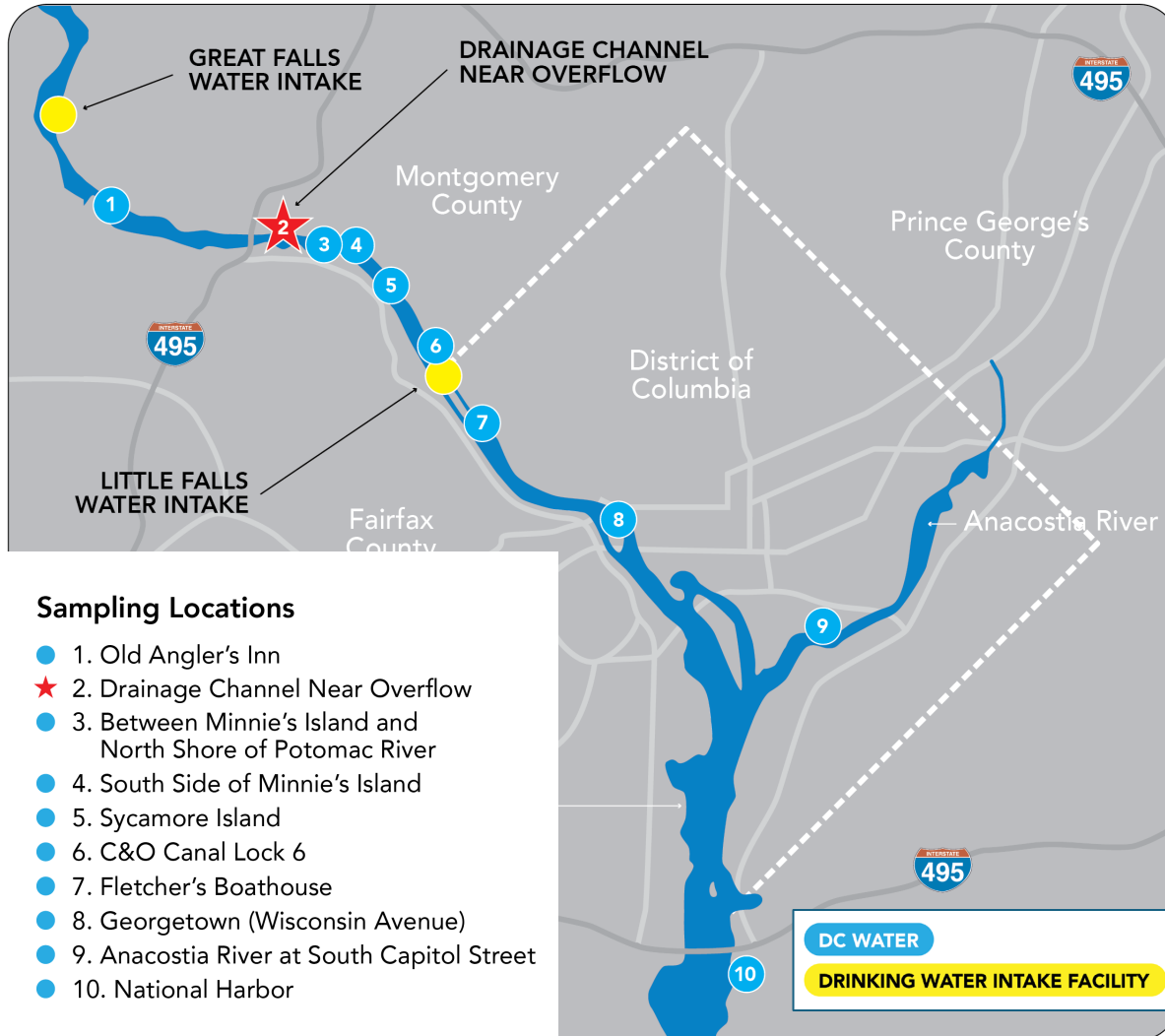
POTOMAC RIVER



Briefing on the Potomac Interceptor

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

Potomac River Bacteria Sampling



-Sampling at 10 Locations testing water for E. coli completed on September 10, 2026

-E. Coli is typically used as a microbial water quality indicator as it indicates fecal contamination

-Sampling start dates

- Locations 1, 2, 7, 8, 9, 10 on January 29 / Minnie Island Locations (3, 4) on February 18 / Sycamore Island (5) and Lock 6 (6) on March 4

-Results posted at DC Water's and DOEE's websites

-Results indicate a return to normal conditions in the Potomac River and shoreline and sediment health advisories have been lifted

***Note: After heavy rain experts recommend avoiding the water for at least 48-72 hours.**

Clean-Up Areas

Uncontrolled Overflow Areas

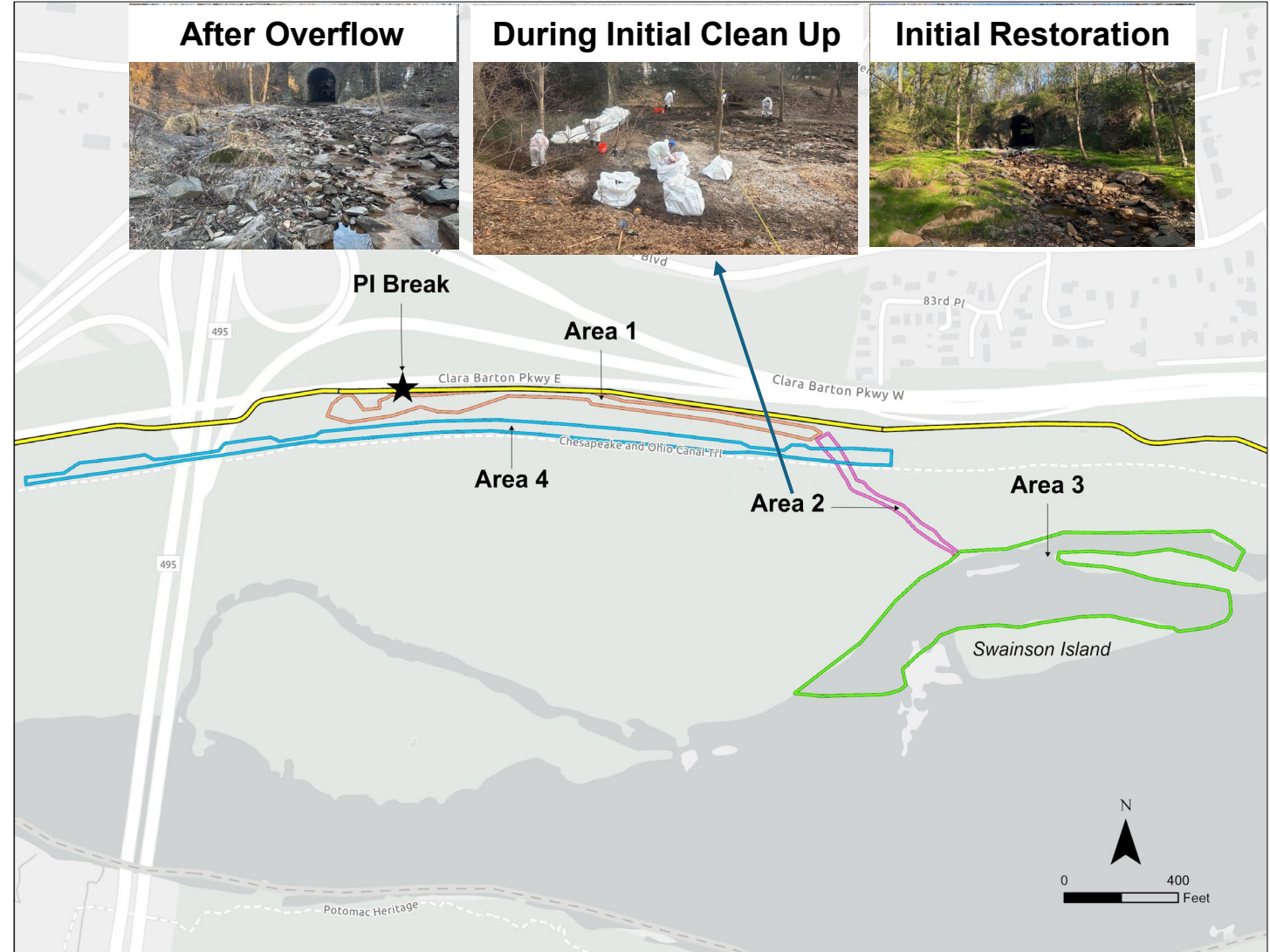
- Area 1 = Drainage channel along Clara Barton Parkway
- Area 2 = Culvert under C&O Canal and tributary to the Potomac River
- Area 3 = Potomac River from shore to Swainson Island

Controlled Bypass Area

- Area 4 = C&O Canal

Status

In coordination with the U.S. Army Corps of Engineers, the Environmental Protection Agency, and the National Park Service, the initial clean-up has been completed in all areas.



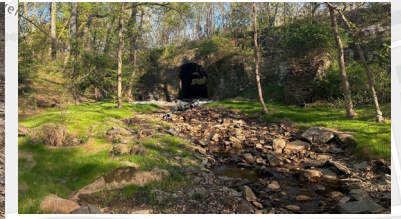
After Overflow



During Initial Clean Up



Initial Restoration



Environmental Update



Lock 14 (Area 4) Cleaned to Bedrock

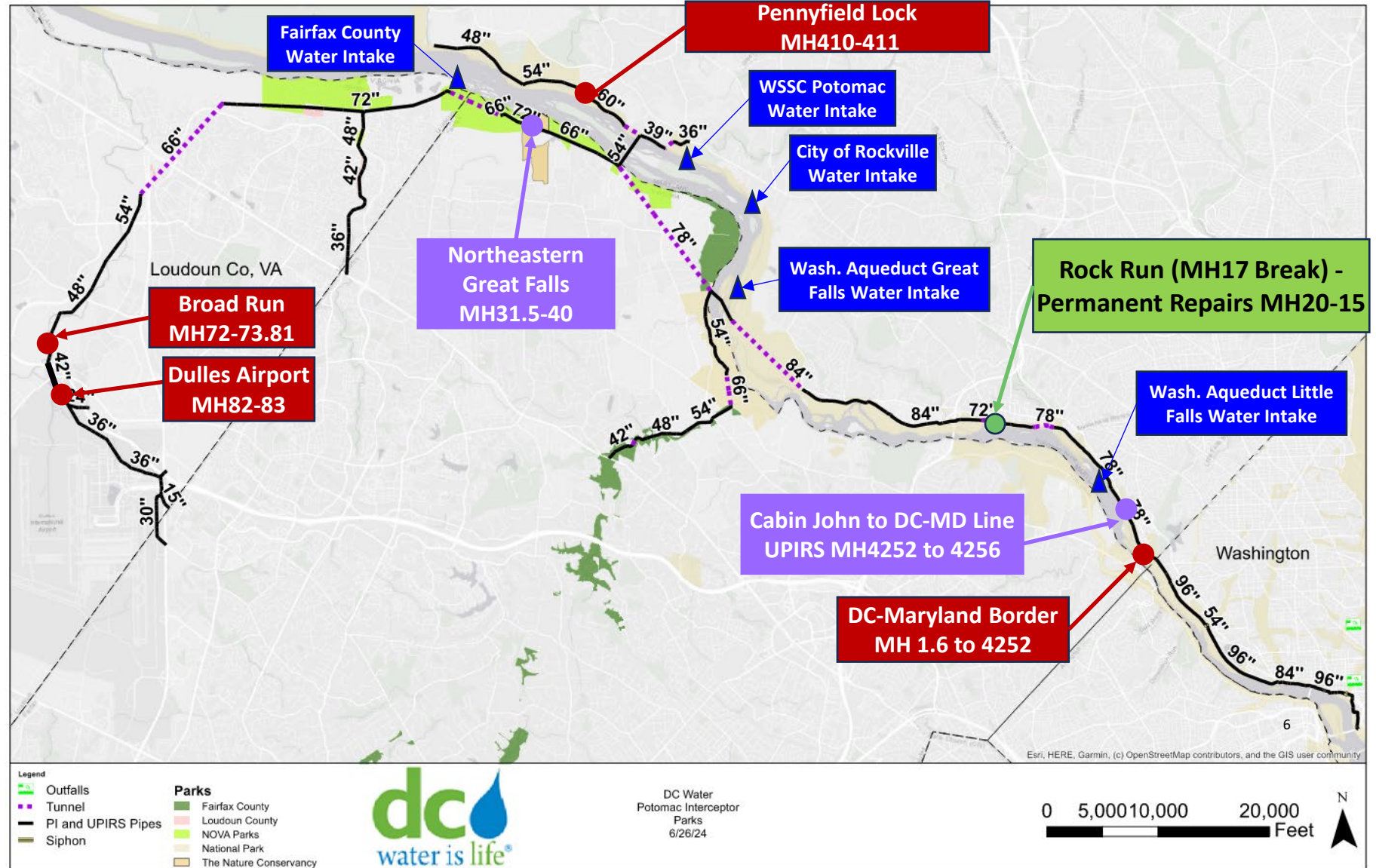
AREA	REMAINING ACTIVITIES*	TIMELINE
1	Drainage Channel – Topsoil/grading/seeding, plant trees & shrubs, remove Canal Access routes after Area 4 is complete	Fall 2026
2	Culvert/Tributary to Potomac River – Topsoil/grading/seeding & any necessary repairs to Rock Run Culvert	Fall 2026
3	Potomac River near Site – Water quality monitoring completed.	September 10
4	C&O Canal – Repair of clay liner, topsoil/grading/seeding, repair Locks and Levels	Fall 2026

* Final Environmental Rehabilitation Plan pending MDE feedback on latest version and response to comments

Potomac Interceptor Condition Assessment

- Condition assessment field work >99% complete
 - Closed Circuit TV
 - Multi-Sensor Inspection:
 - Sonar below sewage level
 - Laser above sewage level
- Review of data has identified emergency and high priority projects
- Developing draft Capital Improvement Plan projects for remainder of Potomac Interceptor

BRIEFING ON THE POTOMAC INTERCEPTOR Projects Based on Enhanced Inspections



Project Status

Type	Project	Approx. Cost	Schedule	Status
MH17 Break Site	Rock Run	\$9.5M environ rehab \$35M pipe rehab	Apr 2026 to Jan 2027	Canal rehab ongoing; constructing bypass pumping for sliplining, testing discharge lines
Emergency	Pennyfield Lock	\$20M	2026	Geopolymer complete; push pits underway; sliplining waits on dewatering and grouting to control water at pits
	Dulles Airport	\$10M	2026	Cured in Place Pipe (CIPP) rehabilitation complete, restoration underway
	Broad Run	\$10M	2026	CIPP rehabilitation complete, restoration underway
	DC-Maryland Border	\$11M	2026	Bypass established; geopolymer applied to pipe, invert work at pipe size transition upcoming
High Priority	PI Cabin John to DC/MD Line & UPIRS DC/MD Line to Above Chain Bridge	\$154M	2027 – 2029	Developing scope documents
	Northeastern PI Great Falls	\$250M	2027 – 2029	Developing scope documents
	Difficult Run	\$3M	2027	Developing scope documents

- Subject to refinement as additional condition assessment data is evaluated
- Coordinated with IMA partners and Loudoun Water

Work in the Field

Rock Run (MH17 Break) - Permanent Repairs MH20 to 15



Bypass trench building,
5th location (before)



Bypass trench building,
5th location (after)



72-in pipe delivery start



Pennyfield Lock MH410 to 411



Push pit excavation and installation of wellpoints showing groundwater-control work.

Dulles Airport MH82 to 83



CIPP complete; bypass removed; restoration ongoing.

BRIEFING ON THE POTOMAC INTERCEPTOR

Work in the Field

Broad Run MH72 to MH73.8



CIPP installed; manhole geopolymer / restoration next.

Work in the Field

MD/DC Border MH1.6-4252



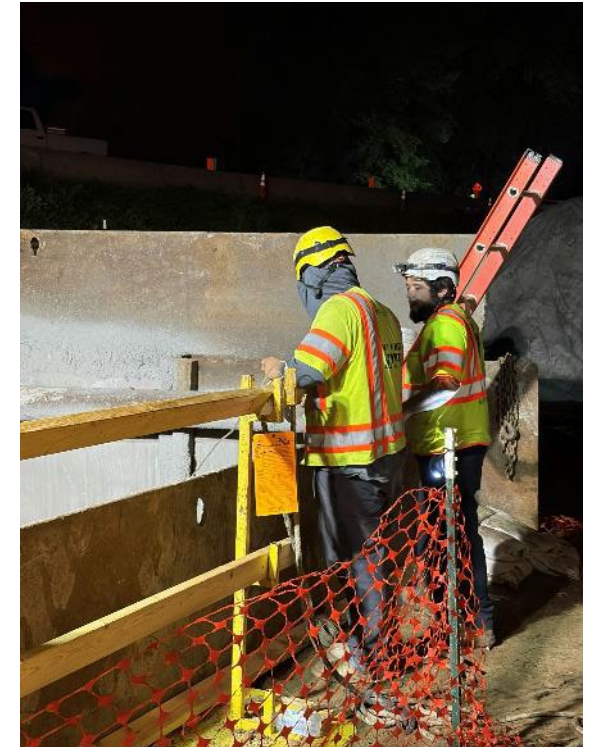
Discharge Pit



Pump Assembly



Bypass pipe secured with and blocks



Safety Attendants at Push Pit