List of Appendices for MS4 Annual Report FY24

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Appendix AR1 - List of County Acronyms

penuix AN	- List of county Actonyms
ACFD	Arlington County Fire Department
ACPD	Arlington County Police Department
APS	Arlington Public Schools
CPHD	Community Planning, Housing, and Development
DEQ	Department of Environmental Quality
DES	Department of Environmental Services
DTD	Division of Transportation and Development
DPR	Department of Parks and Recreation
DSB	Development Services Bureau
EB	Equipment Bureau
ENG	Engineering Bureau
FE	Facilities and Engineering Division
FMB	Facilities Management Bureau
HD	Health Department
ISD	Inspection Services Division
OSEM	Office of Sustainability and Environmental Management
SWB	Solid Waste Bureau
TEO	Transportation, Engineering and Operations Bureau
TR	Transit
WPCB	Water Pollution Control Bureau
WSS	Water Sewer Streets Bureau

Appendix AR2 SWMF Retrofits Completed FY18-FY24

Project Type	Facility ID	Existing Facili	ty Project Name	Total Area	Reg Impervious	Reg Turf Area	UnReg	Other MS4	Other MS4	Condition of downstream	TN Reduction (lbs)	TP Reduction	TSS Reduction	Cost	Install Date	Feasibility for	Stage	Lat	Long	Land Use	Source of Efficiency
		Туре		Treated	Area Acres	Acres	Imperviou	s Impervious	Pervious Area	channel						Implementation					
							Area Acres	s Area													
Watershed Retrofit	17-0253	N/A	Kirkwood Rd @13th St N	0.4	0.24	4 0.16	5	0	0 0	N/A drains to storm sewer	3.3	0.3	226.6	\$125,270	08/16/2018	Completed	Completed	38.88747	-77.10052	Public Right of Way (RO	DEQ TMDL Guidiance
Outfall Repair	37854	End wall	2707 North Nelson Street	*	*	*		*	* *	N/A outfall repair	NA	NA	NA	\$400,700	10/18/2018	Completed	Completed	38.9047	-77.09856	Residential	None
Watershed Retrofit	15-2091A	N/A	Williamsburg Medians 1 - North	0.55	0.4	4 0.11	L	0	0 0	N/A drains to storm sewer	5.6	0.6	441.2	\$108,571	11/01/2018	Completed	Completed	38.91147	-77.13868	ROW	DEQ TMDL Guidiance
Watershed Retrofit	15-2091B	N/A	Williamsburg Medians 1 - South	1.16	0.5	9 0.58	3	0	0 0	N/A drains to storm sewer	9.5	0.8	597.7	\$230,713	11/01/2018	Completed	Completed	38.91168	-77.13859	ROW	DEQ TMDL Guidiance
Watershed Retrofit	16-0320A	N/A	Williamsburg Medians 2 - A-C	0.8	0.5	6 0.24	1	0	0 0	N/A drains to storm sewer	4.3	0.4	317.1	\$141,012	11/01/2018	Completed	Completed	38.884	-77.09033	ROW	DEQ TMDL Guidiance
Watershed Retrofit	16-0320B	N/A	Williamsburg Medians 2 - D	0.8	0.5	7 0.23	3	0	0 0	N/A drains to storm sewer	3.9	0.4	287.3	\$141,012	11/01/2018	Completed	Completed	38.88405	-77.09037	ROW	DEQ TMDL Guidiance
Stream Restoration	Windy Run1	Stream	Windy Run	*	*	*		*	* *	N/A stream restoration	38.1	35.6	22982.1	\$1,189,543	03/18/2019	Completed	Completed	38.9030001	-77.0986001	Park	DEQ TMDL Guidiance
Watershed Retrofit	18-0007A	N/A	N. Kentucky St @ 22nd St N	0.32	0.1	5 0.17	7	0	0 0	N/A drains to storm sewer	2.8	0.2	169.7	\$76,500	10/18/2019	Completed	Completed	38.89205	-77.14113	ROW	DEQ TMDL Guidiance
Watershed Retrofit	18-0281A	N/A	2nd Street S - Bioretention 1	0.38	0.1	7 0.21	L	0	0 (N/A drains to storm sewer	3.1	0.3	182.9	\$94,259	11/25/2019	Completed	Completed	38.87171	-77.08386	ROW	DEQ TMDL Guidiance
Watershed Retrofit	18-0281B	N/A	2nd Street S - Bioretention 2	0.29	0.1	1 0.18	3	0	0 (N/A drains to storm sewer	2.5	0.2	135.5	\$71,107	11/25/2019	Completed	Completed	38.87171	-77.08386	ROW	DEQ TMDL Guidiance
Watershed Retrofit	18-0051B	N/A	N 11th Street @ George Mason (B)	0.57	0.24	4 0.33	3	0	0 (N/A drains to storm sewer	3.9	0.3	226.7	\$150,640	07/01/2020	Completed	Completed	38.88343	-77.12409	ROW	DEQ TMDL Guidiance
Watershed Retrofit	18-0051A	N/A	N 11th Street @ Evergreen (A)	1.07	0.5	1 0.56	5	0	0 0	N/A drains to storm sewer	7.6	0.7	463	\$81,114	07/01/2020	Completed	Completed	38.88362	-77.12333	ROW	DEQ TMDL Guidiance
Watershed Retrofit	18-0152	N/A	N Oakland Street @ Pershing Dr	0.42	0.1	0.23	3	0	0 0	N/A drains to storm sewer	2.1	0.2	125	\$135,401	05/25/2021	Completed	Completed	38.87506	-77.10280	ROW	DEQ TMDL Guidiance
Stream Restoration	DR Trib B	Stream	Donaldson Run Tributary B	*	*	*		*	* *	N/A stream restoration	303	78	365190	\$1,889,176	06/21/2022	Completed	Completed	38.90837866	-77.12772523	Park	DEQ TMDL Guidiance
Stream Restoration	WGCC**	Stream	Washington Golf & Country Club	*	:	* *	k	*	* *	N/A drains to storm sewer	1083.51	341.5	118376.92	\$5,397,000.00	07/13/2021	Completed	Completed	38.86013	-77.07988	Private	DEQ TMDL Guidance
Outfall Repair	41424	End wall	4427 25th Street N Aka Woodrow Project	*	:	* *	k	*	* *	N/A outfall repair	NA	NA	NA	250683.18	04/01/2022	Completed	Completed	38-92966	-77.12145	SFD	N/A
Outfall Repair	41568	End wall	4121 N Randolph Street	*	:	* *	k	*	* *	N/A outfall repair	NA	NA	NA	\$447,955.52	05/01/2022	Completed	Completed	38.92965	-77.12145	SFD	N/A
Watershed Retrofit	BP	Pond	Ballston Pond	467.87	201.4	7 206.23	3 6.	84 25.9	4 14.59	N/A drains to storm sewer	1269.6	151.5	125930.3	\$4,046,010.58	06/27/2023	Completed	Completed	38.88338	-77.11916	Park	DEQ TMDL Guidiance
Watershed Retrofit	18-0038	N/A	N Oakland St - Park	1.43	0.2	8 1.15	5 0.0	00 0.0	0 (N/A drains to storm sewer	9.4	0.6	382.6	\$190,730.71	02/24/2022	Completed	Completed	38.87317	-77.10186	ROW	DEQ TMDL Guidiance
Watershed Retrofit	20-0021	N/A	Walter Reed Decal Project - 5th St S	1.13	0.54	4 0.59) 0.0	00 0.0	0 (N/A drains to storm sewer	9.2387	0.8023	566.88	\$154,396.65	12/13/2021	Completed	Completed	38.90364	-77.150169	ROW	DEQ TMDL Guidiance
Watershed Retrofit	19-0245	N/A	N Larrimore St and 9th St N	0.81	. 0.2	9 0.52	2 0.0	00 0.0	0.00	N/A drains to storm sewer	5.8357	0.4603	311.3567	\$179,813.67		Completed	Completed	39.8755	-77.13736	ROW	DEQ TMDL Guidiance

*Areas not reported for stream restoration projects or outfall repairs

**WGCC is a grandfathered project – Purchase Order (PO) executed on 7/10/2018

NA = non-applicable, credits not taken for this outfall repair work

Cost reflect construction cost only. Design, construction monitoring and post construction monitoring not included.

Ballston Pond storage volume and resulting TMDL credits updated to include final information from as-built plans.

		ESC		Dual Inspector	r	Stormwater I	nspector	Dual Stormwa Administrator	ter	Dual Plan Rev	viewer	Stormwater Pla	n Reviewer
Name	Responsibility	Certification Number	Expiration Date	Dual SW Inspector Certification	Expiration Date	Certification Number	Expiration Date	Certification Number	Expiration Date	Dual Plan Reviewer Certification	Expiration Date	Plan Reviewer Certification	Expiration Date
Lucy Garrah	Inspector ESC/SWM/Infrastructure/WG Liaison			DIN0226	11/03/2027								
Troy W Smith	Inspector ESC/SWM							DCA0143	03/19/2027				
Matthew Berner, P.E.	Plan Reviewer			DIN0275	02/04/2025					SWPR0269	03/30/2026		
Luis Velez Torres	Inspector ESC/SWM			DIN1765	10/27/2026								
Alex Middleton III	Inspector ESC/SWM			DIN1678	06/15/2025								
Zachary Schlemmer	Inspector ESC			DIN1522	08/14/2027			DPA0192	3/1/2026				
Brian Srey	Inspector ESC/SWM	ESCA0618	04/08/2027	DIN0306	02/23/2025			SWPA0377	12/06/2024				
Jennifer Tejada	Inspector ESC	ESIN3103	08/05/2027			SWIN3056	08/14/2027						
Aja Moody	Inspector ESC/SWM			DIN1509	11/19/2026								
Qianqian Li	Administrator							DCA0139	12/15/2026				
Voltaire Ronquillo	Plan Reviewer									DPR0112	07/10/2027		
Brian Withrow	Plan Reviewer											SWPR0249	10/21/2025
Nader Mahmoudpour	Plan Reviewer											SWPR0248	10/19/2025
Sayed Hussaini	Plan Reviewer											SWPR0497	10/09/2023
Gao Dai	Plan Reviewer							DCA0607	01/14/2026				
Gayle England	Post Construction							SWCA0243	09/16/2027				
Diana Handy	Inspector ESC/SWM							DCA0175	08/24/2027				
Mark Wisdom	Inspector ESC/SWM			DIN0517	11/29/2025								
Christine Simpson	Post Construction					SWIN0920	01/19/2026						
Christin Jolicoeur	Plan Reviewer RPA							SWCA0255	10/09/2024				
Kelsey Ross	Inspector ESC/SWM, Post Construction							DCA0216	02/04/2025				
Chevante' Kimbrough	Inspector ESC/SWM			DIN1631	11/02/2024		1	1		1			
Alex Brown	Inspector ESC/SWM	ESIN2984	4/2/2027			SWIN2971	5/2/2027	1		1			
Jamel White	Inspector ESC/SWM			DIN2053	05/13/2027								1
Marco-Antonio Paredes	Inspector ESC/SWM	ESIN2160	02/04/2025			SWIN2326	02/01/2025						-

Appendix AR4 Status Update for Uncompleted Identified Retrofit Projects

Project Type	Existing Facility	Plan Name	Total Area	Reg	Reg Turf	UnReg	UnReg	Other MS4	Other MS4	Condition of downstream	TN	ТР	TSS	Cost	Feasibility for	Status	Source of Efficiency	Install
	Туре		Treated	Impervious	Area Acres	Impervious	Pervious	Impervious	Pervious	channel	Reduction	Reduction	Reduction		Implementation			Date
				Area Acres		Area Acres	Area Acres	Area	Area		(lbs)	(lbs)	(lbs)					
Large Scale Project	Pond	Sparrow Pond	78.23	28.06	5 29.77	4.04	2.8	2 2.29	3.9	Drains to culvert	309.4253	36.6557	30664.9731	\$3,251,542.00	Construction	Construction	DEQ TMDL Guidance	NA
Outfall Repair	End wall	Quebec Street Outfall Repair	*	r s	* *	. 0)	0 0) (Perennial stream	TBD	TBD	TBD	NA	Design	Design	DEQ TMDL Guidance	NA
Outfall Repair	End wall	N. Utah St / Trib A repair	*	· *	ہ ×	* *	:	* *	*	Stream restoration	*	*	• *	NA	Construction	Construction	None	NA
Stream Restoration	Stream	Gulf Branch	*	· *	k ا	* *	:	* *	*	Stream restoration	55.27	50.12	33075	NA	Design	Design	DEQ TMDL Guidance	NA
Watershed Retrofit	N/A	Gulf Branch Green Streets - N Piedmont St (BMP#4)	0.76	0.38	3 0.38	0)	0 0) (NA - Drains to storm sewer	6.3558	0.5605	398.682	NA	Design	Design	DEQ TMDL Guidance	NA
Watershed Retrofit	N/A	Gulf Branch Green Streets - 36th Street N (BMP#3)	0.26	0.17	0.09	0)	0 0) (NA - Drains to storm sewer	2.2923	0.222	163.769	NA	Design	Design	DEQ TMDL Guidance	NA
Watershed Retrofit	N/A	Gulf Branch Green Streets - N Oakland St & N Nelson St (BMP#1)	1.37	0.5	0.87	′ 0)	0 0) (NA - Drains to storm sewer	10.96	0.87	' 590.47	' NA	Design	Design	DEQ TMDL Guidance	NA
Watershed Retrofit	N/A	Gulf Branch Green Streets - N Nelson St & 36th Street N (BMP#2)	1.02	0.38	3 0.64	. 0)	0 0) (NA - Drains to storm sewer	8.18	0.65	445.18	NA	Design	Design	DEQ TMDL Guidance	NA
Outfall Repair	End wall	Palisades Emergency Outfall Repair	*	· *	k k	* *	:	* *	*	Perennial stream	*	*	• *	NA	Construction	Construction	None	NA
Large Scale Project	Pond	Concord Mews Pond Retrofit	10.65	4.36	6.83	0)	0 0) (NA - Drains to storm sewer	44.9958	4.9468	4078.2022	NA	Design	Design	DEQ TMDL Guidance	NA
Watershed Retrofit	N/A	S. Pershing Green Street (Barcroft - A)	1.56	0.74	l 0.82	0)	0 0) (NA - Drains to storm sewer	5.3306	0.4608	325.1336	NA	Design	Design	DEQ TMDL Guidance	NA
Watershed Retrofit	N/A	S. Pershing Green Street (Barcroft - B)	0.31	0.22	0.09	0		0 0		NA - Drains to storm sewer	1.8251	0.1812	135.0355	NA	Design	Design	DEQ TMDL Guidance	NA
Watershed Retrofit	N/A	S Walter Reed @6th St S	1.56	0.75	0.081	. 0		0 0		NA - Drains to storm sewer	12.91615	1.1278	797.6619	NA	Design	Design	DEQ TMDL Guidance	NA
Watershed Retrofit	N/A	S Walter Reed @9th St S	0.2	0.16	6 0.04	. 0		0 0		NA - Drains to storm sewer	1.8429	0.1916	144.8949	NA	Design	Design	DEQ TMDL Guidance	NA

*Areas not reported for stream restoration projects or outfall repairs

Appendix AR5

FY24 Summary of Procedures and Best Management Practices (BMPs) for Snow and Ice Management Per Arlington County's MS4 Permit, the County will review their existing procedures for snow and ice management and identify opportunities to implement enhanced best management practices that promote efficient management and application of anti-icing and deicing compounds.

Arlington snow operations involve multiple departments plus external partners, making for a non-stop response force of several hundred people working in shifts to maintain core services. The County is responsible for clearing:

- 1,061 miles of roadway
- 350 bus shelters and stops
- 35 miles of sidewalks in shared public areas
- 21 bridges and overpasses
- 10 miles of trails
- 6 miles of protected bike lanes

Each year the County reviews its Snow Operations Plan. An annual winter coordination meeting is held to recap and review operations from the previous winter season and discuss lessons learned. Information from COG's Regional Weather Meeting is discussed including the National Weather Service winter weather outlook. The Snow Operations Plan is updated after reviewing equipment status and staffing needs and scheduling driver training.

A significant amount of information is available to the public via the County's Snow and Ice website.

County crews continue to use real-time loader scale data and improved salt spreader calibration technology for more efficient and effective road salt application. This follows recent upgrades to the County's entire brine pre-treatment program, which included replacing four aging 5000-gallon holding tanks and complete replacement of the plumbing from the brine machine to the brine tanks. Six additional electric salt spreaders were added to the fleet, and the County is in the process of updating a large portion of the tandem and single axle dump truck fleet used for snow and deicing operations.

In FY24, the County installed a second brine making system at the North Salt Storage Facility. The system includes four 5000 gallons tanks and a brine maker. This doubles the County's brine storage and making capacity from 20,000 gallons to 40,000-gallons. This effort allows the County to be more efficient and provide better response for the northern portion of the County.

When a winter storm has been predicted for the area, staff carefully monitor weather conditions and road surface temperatures several days in advance. Depending on the weather forecast/schedule, a mobilization level (1-5) is assigned which determines the level of response and resources anticipated to be needed.

Winter Weather Mobilization Levels											
Weather Forecast/Schedule	Mobilization Level	Response Activities (Includes all previous levels)	Response Street Priorities	Staffing Level	Material Application Rates Per Lane Mile		Expected Number of Equipment Deployed in an Event				
Dry, prior to a storm between Nov 30 - Mar 15, Temp 32°+/-	Anti- ice	Brine pretreatment	Bridges, overpasses, Only		Brine (gal) 25	Salt (Ib.)	Brine	Contract Brine	County Equip't	Contract Plowing	Contract Hauling
Precipitation: 20-49% Accumulation: Ice/Snow Possible Temp: <35°	1	Spot salting, brine pretreatment	Bridges, Overpasses, Hills	Small Skeleton Crew	Brine (gal) 25	Salt (lb.) 300	Brine 14	Contract Brine	County Equip't 8	Contract Plowing	Contract Haufing
Precipitation: 50-100% Accumulation: 1-2 Inches of snow	1-2 Inches 2 plow wherever School Bus Skeleton O		Medium-Large Skeleton Crew	Brine (gal)	Salt (lb.) 300	Brine	Contract Brine	County Equip't 16-24	Contract Plowing	Contract Hauling	
Precipitation: 50-100% Accumulation: Up to 4 Inches of snow or up to 1/4" of ice	3	Salting, Plowing	Primary, Secondary & School Bus Routes, Residential as Needed	Full Activation 12-hr shift(s)	Brine (gal)	Salt (Ib.) 300	Brine	Contract Brine	County Equip't 46	Contract Plowing 12 +/-	Contract Haufing
Precipitation: 50-100% Accumulation: Up to 6 Inches of snow or up to 1/4" of ice	4	Plowing, Salting, maybe hauling, Snow Form, Mapping, Take Calls after Phase 3	Primary, Secondary & School Bus Routes. All residential streets	Full Activation, multiple 12-hr shifts and Augmented Deployment	Brine (gal)	Salt (Ib.) 300	Brine	Contract Brine	County Equip't 46	Contract Plowing 20 +/-	Contract Hauling Maybe 50 +/-
Precipitation: 100% Accumulation: >8 Inches of snow or >1/4" of ice Notes:	5	Plowing, Salting, Hauling, Snow Form, Mapping, Take Calls after Phase 3	Primary, Secondary & School Bus Routes. Urban Cooridors. All residential streets.	Full Activation, multiple shifts and Augmented Deployment, Hauling Contractors	Brine (gal)	Salt (Ib.) 300	Brine	Contract Brine	County Equip't 46	Contract Plowing 40 +/-	Contract Hauling 150 +/-

The Chart does not account for any breakdown in equipment and/or missing employees operating equipment

3. Contract Equipment may not always be available, and may fluctuate between availability and storm size.

Should a winter storm event result in the need to bring in contractor support, vehicles used by contractors will carry the same wireless mobile tracking units used by County trucks to send information to the near real time storm response map. This map is available to the public.

Weather Monitoring Before and During a Winter Storm Event

The County has several subscriptions to weather forecasting services and data sources. Staying on top of forecasts allows the County to adjust mobilization and operations as needed, including timing for pretreatment and application of salt. The County also has access to the information from the two nearby VDOT stations with pavement sensors to assess pavement temperatures / roadway conditions.

The County is exploring the use of new Road Watch sensor technology that will allow data to be seen by vehicle operators as well as office staff via the online dashboard.

Calibration & Control Technology

Equipment calibration is very important to ensure that equipment functions properly. Calibrating spreaders helps to ensure the appropriate amount of deicing product is distributed during snow response operations.

The County has been exploring ways to make the calibration process more efficient to allow for more vehicles and equipment to be calibrated prior to a winter storm event. The past few years the County has used a manufactured salt calibration scale, which has greatly improved the process.

The County has also been conducting staff training on calibration for several years. Vehicles and equipment are calibrated throughout the year. It is time intensive to calibrate 45 vehicles and associated equipment, so calibration is done as much as possible in advance of a snow event.

The County is working on replacing its snow operation fleet. In the past four years, twenty one new single and tandem axle dump trucks with touch screen controllers have been purchased. The touch screen controls help with the calibration process as well as improved spreader application. Nine additional single and tandem axle trucks are scheduled to be ordered, and once delivered represents 30 out of the 33 dump trucks in the snow fleet. It is anticipated that the remainder of the fleet will be updated within the next few years.

The new dump trucks have plow and spreader controls integrated into the steering wheel, which . This allows drivers to adjust spreader output at any time without a need to look at the touch screen. The new spreaders are ground speed controlled, meaning less product is dispensed the slower the truck moves. Also, the spreader turns off when the truck is not moving - such as when it is stopped at a traffic light.

This control technology is also available for the liquid brine applicator, which controls application volume and rate, as well as ground speed-controlled application.

Maximum and minimum application rate settings can be programmed with new touchscreen devices to better control and limit the amount of product being released by the operator. This will significantly reduce user error- neither too much product nor too little product can be distributed.

Anti-icing Operations / Pretreatment

Anti-icing is part of the pretreatment process that involves applying brine to primary, secondary, and school bus routes in the County. Brine uses a quarter of the salt contained in traditional rock salt (23.3% brine/water solution). When the County uses brine instead of rock salt on County roads, it can significantly reduce the amount of salt that ends up in our drinking water sources.

Prior to a snow event, the County pretreats roads and trails with brine. This results in the use of less salt to treat roads and trails during the event. Brine treatment is conducted when there is no rain forecasted in advance of the snow/ice event and temperatures are above 20 degrees F. Pretreatment is not conducted when forecast indicates wet (rainy) / above freezing temperatures.

The County follows an anti-icing and pre-wetting application operation flow chart. Additive products (such as calcium chloride, magnesium chloride, etc.) may also be used for pretreatment when conditions warrant them, although not used often. The County makes brine at the Trades Center. It is mixed following the manufacturer's recommendations based on storm conditions and pavement temperatures.

Vehicle / Equipment Checks

Checking trucks, plows, brine tanks, and spreaders prior to use is important to ensure there is no damage or leaks and equipment is working properly. Staff currently perform a pre- and post-inspections on all trucks to ensure there are no leaks or issues and that there is a spill kit in the vehicle to be able to respond to small spills in the field. Staff have pre- and post-inspection checklists for snow equipment (spreaders and plows) to use in addition to the truck checklist. The checklists include things such as checking that the back spreader gate is in the correct position as well as checking saddle tanks, hoses, valves, and spinners, plow pins, plow wheels, etc. post events.

Monitoring / Tracking Salt and Brine Usage

The amount of salt the County receives and uses is carefully tracked. Salt forms are required to be filled out by drivers and loaders. The volume of brine used is also monitored. Brine loading forms are used to track the volume of brine dispensed to each truck and time of loading.

New technology on three loaders used for loading salt helps to tracks the exact volume of product being loaded into a truck. The system is capable of tracking loading weight / per truck / event / year. Data can be viewed and analyzed to know the amount of salt being used. This helps the County to have a better understanding of the amount of salt needed for certain events and annually. The information is also used to track loading and usage at the North side salt facility versus the south side Trades Center.

Employee Training

The County conducts multiple types of training to ensure staff fully understand all aspects of snow operations. Topics include, but are not limited to plow driving, calibration, brine making, equipment hook up, materials loading, and winter maintenance operations. Hands on training helps drivers / operators see how the equipment works and what an appropriate spreader output should look like during operations. Drivers develop a better understanding and sense of normal / proper application and product output, and this in turn fosters trust of controls and calibration.

In addition to these trainings, County staff conduct Snow and Ice Control – Operator Training in the fall. The training covers topics about calibration, the impacts of deicers, over application, and the importance of salt reduction. Staff learn the importance of being the foundation of the operation and being part of the solution to reducing chloride loading to surface waters.

Many employees involved in snow operations also participate in annual stormwater pollution prevention training. Training covers information outlined in the SWPPPs including good housekeeping, material storage and handling, vehicle / equipment maintenance, recognizing and reporting illicit discharges, spill response, and other practices.

Response to "Salt Piles"

There are circumstances when excess salt may be released to the ground. A driver may forget to turn off the spreader when stopped at a traffic light creating a pile of salt, equipment may release too much salt on slopes or when trucks are navigating cul-de-sacs, or due to faulty/damaged equipment. Drivers are trained to report these issues so follow-up can occur. Large piles of salt can be removed using a skid steer or manually shoveled / swept up. If the salt is not contaminated with debris, it is brought back to one of the two storage facilities to be reused. Contaminated salt is not reused as it could damage equipment. In this case, contaminated salt is properly disposed of in the trash. The County also responds to resident reports of large salt piles that need to be removed.

Materials Storage

Materials used for deicing and sanding activities are kept in covered storage facilities until application. Sand and salt are stored at two locations in the county. At the Trades Center, salt is stored in the salt storage building near the Solid Waste Bureau EPRY. The salt storage building is large enough to allow trucks to be loaded inside under cover. The building has a door that is kept closed when the building is not being accessed. An emergency sand stockpile is stored in a nearby contained area that is covered by a tarp. Additional information about this facility, including good housekeeping can be found in the Arlington County Trades Center Stormwater Pollution Prevention Plan (SWPPP). Salt and sand are also stored at the North Side Salt Storage facility located near the intersection of Old Dominion Drive and 25th Street North. Salt is stored inside a storage structure. The opening to the building is kept closed when it is not being accessed. An emergency sand stockpile is stored in a contained area that is covered by a tarp.

End of Event or Season Vehicle / Equipment Maintenance

At the end of the snow event, remaining salt in trucks and equipment is emptied inside the storage facilities. At the end of the season (and sometimes during the winter season if times permits) trucks and equipment are then washed to remove dirt, sand, and salt residue. Practices outlined in the Trades Center SWPPP are followed during washing and end of season equipment break down and storage. Washing is conducted at the WSS loading dock. Storm drains are plugged, and wash water is captured by a vacuum truck and disposed of into the sanitary sewer system. Wash water is not allowed to enter the storm drain system.

All mobile tanks are emptied of brine. Once emptied, tanks are checked to ensure they are in good condition. Any damaged equipment is sent to the Equipment Bureau.

Drip pads are placed under spreader motors and plows hydraulic connectors when not in use. Lines are capped and/or bagged to prevent leaks.

The brine machine is kept covered when not in use and the valve is kept in the off position. The brine machine and storage area are checked during quarterly Trades Center SWPPP inspections.

Stormwater Pollution Prevention Plans (SWPPP)

SWPPPs have been developed for the Arlington County Trades Center and the North Side Salt Storage Facility. These plans are referenced in the Snow Operations Plan.

Salt Management Strategy Implementation

Arlington County participated in the development of the Northern Virginia Salt Management Strategy (SaMS). The County had been implementing many of the BMPs outlined in the SaMS Toolkit.

The County will continue explore addition BMPs as new practices and technology emerge. Updating fleet with new technology and continuing employee training to help eliminate or minimize user error are critical for reducing salt usage.

Appendix AR6 Certified Pesticide Applicators

CERT NO	LAST NAME	FIRST NAME	EXPIRATION	CATEGORIES	DEPARTMENT	BUSINESS LICENSE
			DATE			NUMBER
76776	Fernandez	Ruben	06/30/2025	3-B TURF PEST CONTROL (06/30/25)	ARLINGTON COUNTY PARKS	3465
80147	Perez	William	06/30/2025	60 REGISTERED TECHNICIAN (06/30/29)	ARLINGTON COUNTY PARKS	3465
95209	Paredes	Marco	06/30/2026	3-A ORNAMENTAL CONTROL (06/30/28)	ARLINGTON COUNTY PARKS	3465
				3-B TURF PEST CONTROL (06/30/26)		
101120	Brady	Adam	06/30/2025	60 REGISTERED TECHNICIAN (06/30/27)	ARLINGTON COUNTY PARKS	3465
95789	Portillo	Roberto	06/30/2025	60 REGISTERED TECHNICIAN (06/30/27)	ARLINGTON COUNTY PARKS	3465
97737	Upton	Robert	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
98086	Gonzalez	Carlos	06/30/2025	60 REGISTERED TECHNICIAN (06/30/27)	ARLINGTON COUNTY PARKS	3465
104371	Vasquez	Jaime	06/30/2026	60 REGISTERED TECHNICIAN (06/30/26)	ARLINGTON COUNTY	3483
110719	Knapik	Andrew	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
120919	Majano-Pena	Jose	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
113607	Soles	Jennifer	06/30/2025	2 FOREST PEST CONTROL (06/30/27)	ARLINGTON COUNTY PARKS	3465
				6 RIGHT-OF-WAY PEST CONTROL (06/30/25)		
137058	Marquez	Jose	06/30/2026	60 REGISTERED TECHNICIAN (06/30/28)	ARLINGTON COUNTY PARKS	3465
130244	Kim	Sue	06/30/2026	2 FOREST PEST CONTROL (06/30/28)	ARLINGTON COUNTY PARKS	3465
126627	Lorenzo	Edwin	06/30/2025	60 REGISTERED TECHNICIAN (06/30/27)	ARLINGTON COUNTY PARKS	3465
142553	Retana	Joaquin	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
145766	Majano Gomez	Yuemer Alexis	06/30/2026	60 REGISTERED TECHNICIAN (06/30/26)	ARLINGTON COUNTY PARKS	3465
145767	De Lao	Santos	06/30/2026	60 REGISTERED TECHNICIAN (06/30/26)	ARLINGTON COUNTY PARKS	3465
143893	Hernandez	Abel	06/30/2026	60 REGISTERED TECHNICIAN (06/30/26)	ARLINGTON COUNTY PARKS	3465
	Cruz					
154544	Giron	Jose	06/30/2025	60 REGISTERED TECHNICIAN (06/30/27)	ARLINGTON COUNTY PARKS	3465
154832	Rivera Miranda	Luis	06/30/2026	60 REGISTERED TECHNICIAN (06/30/26)	ARLINGTON COUNTY PARKS	3465
157140	Vega	Jose	06/30/2026	60 REGISTERED TECHNICIAN (06/30/26)	ARLINGTON COUNTY PARKS	3465
158928	Koloszar	John	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
154971	Gamero	Edwin	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465

Lipscomb	Rodney	06/30/2026	60 REGISTERED TECHNICIAN (06/30/26)	ARLINGTON COUNTY PARKS	3465
Cabrera	Melvin	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
Rojas	Mario	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
Dawson	Karl	06/30/2026	60 REGISTERED TECHNICIAN (06/30/26)	ARLINGTON COUNTY PARKS	3465
Grandle	Patrick	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
Rivas	Oscar	06/30/2026	60 REGISTERED TECHNICIAN (06/30/28)	ARLINGTON COUNTY PARKS	3465
Connell	Devin	06/30/2026	60 REGISTERED TECHNICIAN (06/30/26)	ARLINGTON COUNTY PARKS	3465
Hesford	Kathleen	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
Nicholson	Laura	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
Fyvie	Josh	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
Smith	Jordan	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
Morales Avelar	Leonel	06/30/2025	60 REGISTERED TECHNICIAN (06/30/25)	ARLINGTON COUNTY PARKS	3465
	Cabrera Rojas Dawson Grandle Rivas Connell Hesford Nicholson Fyvie Smith	CabreraMelvinRojasMarioDawsonKarlGrandlePatrickRivasOscarConnellDevinHesfordKathleenNicholsonLauraFyvieJoshSmithJordan	Cabrera Melvin 06/30/2025 Rojas Mario 06/30/2025 Dawson Karl 06/30/2026 Grandle Patrick 06/30/2025 Rivas Oscar 06/30/2026 Connell Devin 06/30/2026 Hesford Kathleen 06/30/2025 Nicholson Laura 06/30/2025 Fyvie Josh 06/30/2025 Smith Jordan 06/30/2025	CabreraMelvin06/30/202560 REGISTERED TECHNICIAN (06/30/25)RojasMario06/30/202560 REGISTERED TECHNICIAN (06/30/25)DawsonKarl06/30/202660 REGISTERED TECHNICIAN (06/30/26)GrandlePatrick06/30/202560 REGISTERED TECHNICIAN (06/30/25)RivasOscar06/30/202660 REGISTERED TECHNICIAN (06/30/28)ConnellDevin06/30/202660 REGISTERED TECHNICIAN (06/30/26)HesfordKathleen06/30/202560 REGISTERED TECHNICIAN (06/30/25)NicholsonLaura06/30/202560 REGISTERED TECHNICIAN (06/30/25)FyvieJosh06/30/202560 REGISTERED TECHNICIAN (06/30/25)SmithJordan06/30/202560 REGISTERED TECHNICIAN (06/30/25)	CabreraMelvin06/30/202560 REGISTERED TECHNICIAN (06/30/25)ARLINGTON COUNTY PARKSRojasMario06/30/202560 REGISTERED TECHNICIAN (06/30/25)ARLINGTON COUNTY PARKSDawsonKarl06/30/202660 REGISTERED TECHNICIAN (06/30/26)ARLINGTON COUNTY PARKSGrandlePatrick06/30/202560 REGISTERED TECHNICIAN (06/30/25)ARLINGTON COUNTY PARKSRivasOscar06/30/202660 REGISTERED TECHNICIAN (06/30/25)ARLINGTON COUNTY PARKSConnellDevin06/30/202660 REGISTERED TECHNICIAN (06/30/26)ARLINGTON COUNTY PARKSHesfordKathleen06/30/202560 REGISTERED TECHNICIAN (06/30/26)ARLINGTON COUNTY PARKSNicholsonLaura06/30/202560 REGISTERED TECHNICIAN (06/30/25)ARLINGTON COUNTY PARKSFyvieJosh06/30/202560 REGISTERED TECHNICIAN (06/30/25)ARLINGTON COUNTY PARKSSmithJordan06/30/202560 REGISTERED TECHNICIAN (06/30/25)ARLINGTON COUNTY PARKS

Location	Address	Longitude and Latitude	Acreage	Acreage where	Most Recent	Month/Year NMP
			Nutrients	NMP Required	Month/Year NMP	Expiration
			Applied		Revised/ Renewed	
Arlington Hall Park	290 South Taylor St.	38.866376, -77.107340	1.55	2.0	7/2021	6/2024*
Barcroft Park	4200 S. Four Mile Run Dr.	38.849039, -77.100599	2.99	2.99	7/2024	6/2027
Bluemont Park	601 N. Manchester St.	38.870459, -77.132339	2.37	9.73	7/2024	6/2027
Bluemont Junction	744 North Emerson St.	38.872768, -77.132464	1.11	1.11	7/2021	6/2024*
Carver Community Center	1415 S. Queen Street	38.861238, -77.071041	0.69	1.37	7/2024	6/2027
Eads Street Park	2730 South Eads St.	38.848602, -77.054653	1.0	1.13	7/2024	6/2027
Fields Park	775 N. George Mason Dr.	38.879923, -77.120760	1.5	1.50	7/2021	6/2024*
Greenbrier Park	5201 N. 28th St.	38.900982, -77.140469	2.4	2.40	7/2024	6/2027
Gunston Park	1401 28th St. S.	38.847814, -77.069479	1.39	1.39	7/2024	6/2027
Jennie Dean Park	3630 27th St. S.	38.842895, -77.088092	1.4	5.0	12/2022	11/2025
Madison Manor Park	6225 12th Road N.	38.882376, -77.150409	2.41	2.50	7/2024	6/2027
Quincy Park	1021 N. Quincy St.	38.885037, -77.107436	1.06	5.59	7/2024	6/2027
Thomas Jefferson	1426 N Quincy St	38.887226, -77.108798	3.39	3.39	7/2024	6/2027
Tuckahoe Park	2400 N. Sycamore St.	38.900065, -77.150850	3.27	3.27	7/2024	6/2027
Virginia Highlands Park	1600 S. Hayes St.	38.860367, -77.062404	3.58	5.53	7/2024	6/2027
		Total	30.11	48.9		

Appendix AR7 – Locations with Nutrient Management Plans (FY24)

*These plans are in the process of being renewed.

Appendix AR8 – Summary of Illicit Discharges in FY24

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
07/04/2023	Crossman Run	Fuel	Indirect Runoff	Runoff from house / garage fire entered storm drain system. Runoff contained fuel from burning vehicles and containers inside garage.	Yes
07/04/2023	Nauck Branch	Sewage	Pipe Break/Leak	Roadway and embankment collapse due to heavy rains and erosion caused a sanitary sewer main to break. Pump around put in place and repairs made to main. DEQ notified IR#309845.	Yes
07/05/2023	Lubber Run	Sediment	Unknown	Report of sediment discharge from the east outfall to the stream. OSEM conducted a drainage area investigation and was not able to identify the source of the episodic discharge.	Yes
07/06/2023	Four Mile Run - Upper Mainstem 2	Sediment	Construction Activity	Significant sediment discharge / runoff from construction site during thunderstorm. Runoff overwhelmed onsite / perimeter ESC. County staff spoke with contractor about issue and need for additional controls.	Yes
07/16/2023	Four Mile Run - Middle Mainstem	Concrete/Asphalt	Construction Activity	Concrete saw cutting of driveway apron in gas station. Contractor was using water to keep blade cool and allowing slurry to run into onsite storm drain with no protection.	Yes
07/17/2023	Donaldson Run	Paint/Grout	Unknown	White substance reported coming from the outfall discharging to Donaldson Run. A drainage area investigation did not determine the source, material resembled grout or paint.	Yes
07/17/2023	Gulf Branch	Sediment	Pipe Break/Leak	Sediment discharge to stream associated with 6" water main break on N Nelson St. Main repaired.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
07/20/2023	Spout Run	Concrete/Asphalt	Construction Activity	Concrete washout to curb and storm drain system from SFD construction site project. Contractor did not use a concrete wash out containment system. NOV issued to builder.	Yes
07/27/2023	Westover Branch	Paint/Grout	Dumping	White liquid released from a roll off container being loaded and unloaded off a truck while being picked up from a SFD construction site. Discharge entered two storm drains and FMR via outfall under N Ohio St. DEQ notified. Alert issued.	Yes
07/29/2023	Gulf Branch	Sewage	Overflow	SSO from lift station to Gulf Branch resulting from power outage because of severe storm and damage to station. Pump around established and discharge ceased. DEQ notified, IR#310247. Media alert issued to avoid stream.	Yes
07/29/2023	Lubber Run	Sediment	Construction Activity	Report of sediment slug discharge from west outfall into Lubber Run. Drainage area investigation conducted. Definite source not identified. Discharge may have been associated with water leak valve and repair in drainage area.	Yes
07/30/2023	Lubber Run	Sediment	Unknown	Report of sediment slug discharge from east outfall to stream. Source not identified. Discharge may have been associated with SFH demolition project. Discharge no longer occurring.	Yes
08/01/2023	Lubber Run	Concrete/Asphalt, Sediment	Construction Activity	Following up on a report of a sediment discharge to Lubber Run, evidence of sediment and concrete discharge was observed at a SFD construction site. Inadequate ESC and concrete wash out area. NOV issued to responsible party.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
08/02/2023	Four Mile Run - Lower Mainstem	Concrete/Asphalt	Construction Activity	Discharge of concrete wash out from SFH construction site to the MS4. No concrete wash out / containment was available on site. Inspector spoke with site representative about issue and clean up. NOV issued to responsible party.	Yes
08/04/2023	Four Mile Run - Upper Mainstem 2	Unusual Color	Dye Testing	Report of green discolored water coming from an outfall to the stream. Source was tracer dye being used by a contractor at a school to locate a broken pipe under the building. OSEM requested notification for future testing.	Yes
08/07/2023	Four Mile Run - Middle Mainstem	Oil	Dumping	Individual changed oil on a vehicle and did not use an oil pan resulting in 4-5 quarts released to roadway. FD personnel put down absorbent material and cleaned it up before storm. Product did not enter a storm drain. RP not identified.	Yes
08/08/2023	Lubber Run	Sediment	Construction Activity	Pool company installing in ground pool at SFD discharged water from excavation to right of way / storm drain system without any filtering controls. Discharge reached Lubber Run. OSEM and FD investigated. NOV issued to contractor.	Yes
08/09/2023	Lower Long Branch	Concrete/Asphalt	Construction Activity	Curb / gutter replacement was performed without any controls to prevent concrete slurry from entering a storm drain.	Yes
08/10/2023	Westover Branch	Sediment	Construction Activity	Sediment runoff from SFH construction site during rain event resulting from inadequate onsite ESC and stabilization. NOV issued to contractor.	Yes
08/15/2023	Four Mile Run - Middle Mainstem	Paint/Grout	Spill	Damaged paint can spilled paint (water based latex) into bed of truck. Paint leaked out of truck and washed into the storm drain system during a rain event. ACFD dispatched.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
08/17/2023	Lubber Run	Concrete/Asphalt, Sediment	Construction Activity	Gray colored discharge to Lubber Run from east outfall. Discharge may be associated with dewatering at a SHF construction site. Builder notified about need for proper filtering controls.	Yes
08/17/2023	Four Mile Run - Upper Mainstem 2	Sediment	Construction Activity	Sediment discharge to Four Mile Run. Discharge associated with dewatering from a SFH construction site. NOV issued to builder.	Yes
08/21/2023	Donaldson Run	Unusual Color, Wash Water	Washing Activity	Report of discolored water coming from an outfall to Donaldson Run. Drainage area investigation did not identify a source. Discharge episodic and no longer occurring.	Yes
08/21/2023	Lower Long Branch	Concrete/Asphalt	Construction Activity	Evidence of concrete slurry discharge to a storm drain on S Orme St from construction activity by contractor. Follow-up with responsible party occurred.	Yes
08/23/2023	Four Mile Run - Upper Mainstem 2	Sediment	Construction Activity	Sediment discharge to Four Mile Run. Discharge associated with runoff from construction activity in the watershed.	Yes
08/31/2023	Lubber Run	Wash Water	Washing Activity	Runoff from power washing being done at SFD entered the storm drain and stream.	Yes
09/13/2023	Roaches Run	Oil	Spill	Contractor pumped water containing mineral oil to street. Product entered the storm drain system and outfall to Roaches Run. ACFD contained spill in tributary to lagoon. DEQ notified (IR#310864). Clean up contractor conducted abatement of impacted areas	Yes
09/13/2023	Little Pimmit Run - East Branch	Sediment	Construction Activity	Discharge of sediment to the MS4 from ESC failure at SFH construction site. NOV issued to contractor.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
09/14/2023	Spout Run	Grease	Overflow	Gravity grease interceptor overflowed at restaurant due to failure to properly inspect and maintain system. Discharge entered MS4 and Spout Run. WPCP, HD, DES investigated. Restaurant voluntarily closed. DEQ notified (IR#310887). NOV issued to owner of establishment.	Yes
09/14/2023	Four Mile Run - Lower Mainstem	Grease	Equipment Leak	Used grease containers leaking after being hit by vehicles; DES OSEM investigated and spoke to business owner. Hauling company responded, replaced containers, and cleaned the area.	Yes
09/15/2023	Spout Run	Concrete/Asphalt, Paint/Grout, Sediment	Construction Activity	Discharge of sediment and concrete from SFH construction site to MS4. NOV issued to responsible party.	Yes
09/18/2023	Lubber Run	Concrete/Asphalt	Construction Activity	Resident report of milky / gray discolored water in stream. Slug discharge may be associated with concrete work occurring on 1700 block of N Edison St or work occurring in alley off of 19th St N. Concrete observed on 19th St N earlier in the day. County staff spoke with contractors.	Yes
09/26/2023	Lubber Run	Sediment	Pipe Break/Leak	Sediment discharge from outfall to Ballston Wetlands Park associated with 6" water main break near N Utah St and 11th St N. WSS repaired the water main.	Yes
09/28/2023	Lower Long Branch	Sediment	Construction Activity	Sediment discharge to MS4 resulting from inadequate filtering controls used during dewatering operations at a SFH construction site. Inspector followed up with contractor.	Yes
09/29/2023	Gulf Branch	Sediment	Construction Activity	Report of sediment discharge from SFH construction site. Inspector followed up with contractor and required additional onsite controls.	Yes
10/02/2023	Gulf Branch	Sediment	Construction Activity	Discharge of sediment from SFD construction site resulting from ESC failure	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring	
10/12/2023	Lower Long Branch	Sediment	Construction Activity	Sediment discharge to storm drain system because of improper filtering controls not being used during dewatering operations. Inspector followed up with contractor, NOV issued.	Yes	
10/30/2023	Arlington Branch	Sediment	Construction Activity	Sediment discharge to storm drain system and stream because improper filtering controls were not used during dewatering operations. Inspector followed up with contractor, NOV issued.	e not	
11/01/2023	Doctor's Branch	Sediment	Pipe Break/Leak	Sediment discharge to VDOT MS4, AC MS4, and Y Doctor's Branch resulting from 12" water main break and subsequent repair/dewatering. DEQ notified IR#311420, VDOT ID staff notified. Main repaired.		
11/09/2023	Roaches Run	Foam/Suds	Vehicle Accident	Runoff from extinguishing a vehicle fire.	Yes	
11/09/2023	Spout Run	Wash Water	Washing Activity	Evidence of outdoor washing activity and discharge of wash water to the storm drain system. DEQ notified to inquire about compliance with VPDES permit.	Yes	
11/30/2023	Lubber Run	Sediment	Construction Activity	Report of turbid water coming from the west outfall. Discharge no longer occurring at time of site visit. Drainage area investigation did not reveal a source of the episodic discharge.	Yes	
11/30/2023	Spout Run	Concrete/Asphalt	Construction Activity	Discharge of asphalt / concrete slurry from saw cutting operations in the right of way to the storm drain system. Contractor cleaned and vacuumed impacted area. NOV issued to contractor.	Yes	
12/05/2023	Gulf Branch	Sediment	Pipe Break/Leak	Sediment discharge to Gulf Branch resulting from a 6" water main break in watershed. WSS repaired main.	Yes	
12/08/2023	Donaldson Run	Concrete/Asphalt, Oil	Construction Activity	Discharge of petroleum based product and concrete wash to storm drain system. NOV issued to responsible party.	Yes	

Date	Watershed	Pollutant Description	Source / Reason for Summary / Action Taken Discharge				ID Eliminated or No Longer Occurring
12/08/2023	Rocky Run	Wash Water	Dumping	Report of store employee disposing the contents of a mop bucket into a storm drain in front of the store. Letter sent to establishment	Yes		
12/15/2023	Four Mile Run - Middle Mainstem	Fuel	Equipment Leak	APS bus left trail of fuel from fuel island to bus parking lot from over filling. Staff cleaned up spill. No release to storm drain system	Yes		
12/21/2023	Colonial Village Branch	Grease	Washing Activity	Cooking grease was dumped or washed into the storm drain system and stream. Source not identified.	Yes		
12/27/2023	Lubber Run	Sediment	Construction Activity	Sediment discharge to MS4 from a SFD construction site during a rain event because of improper ESC. NOV issued to contractor. Inspector required controls to be installed.	Yes		
12/28/2023	Lower Long Branch	Sediment	Construction Activity	Improper filtering controls during dewatering at a SFD construction site resulted in sediment entering the storm drain system.	Yes		
12/28/2023	Arlington Branch	Wash Water	Washing Activity	Discharge of wash water containing ammonia and detergents to MS4. Contractor cleaning building exterior did not contain the wash water runoff and dumped buckets of wash water directly into the storm drain system. NOV issued to property management and contractor.	Yes		
12/29/2023	Spout Run	Sewage	Overflow	Sewage discharge to storm drain system resulting from a blocked private sanitary sewer lateral serving an apartment building that overflowed into the parking lot. Plumber cleared the blockage and stopped the discharge. DEQ notified - IR#312015	Yes		

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
01/08/2024	Four Mile Run - Middle Mainstem	Paint/Grout	Unknown	Report of cloudy/milky colored water from outfall. WSS and FD staff checked drainage area. White stain / trail observed on S Randolph St going toward S Walter Reed Drive, but no evidence of it entering a storm drain. An individual may have washed out buckets / equipment in street.	Yes
01/09/2024	Four Mile Run - Middle Mainstem	Wash Water	Unknown	Report of cloudiness / milkiness in Four Mile Run behind the Arlington Mill Community Center. DES staff investigated and were unable to observe the discoloration. Slug discharge diluted / washed downstream during heavy rain.	Yes
01/10/2024	Spout Run	Sediment	Construction Activity	Sediment discharge to MS4 resulting from dewatering at SFH construction site. No filtering controls used. NOV issued to contractor	Yes
01/10/2024	Roaches Run	Fuel	Equipment Leak	Diesel fuel leak from a pickup truck. Fuel leaked from Shirlington Circle to S Joyce St where vehicle was pulled over. <10 gallons leaked onto roadway and into storm drain. FD put down absorbent material and booms. DEQ notified. IR#312123.	Yes
01/12/2024	Lubber Run	Paint/Grout, Sediment	Washing Activity	Resident contacted FD about unknown white substance followed by sediment coming from storm drain system to Lubber Run. White substance resembled paint/grout/drywall wash water. Waste and chem strip tests were negative. The discharge was transient in nature and no longer actively occurring.	Yes
01/26/2024	Lubber Run	Sediment	Construction Activity	Report of sediment discharging from outfall to stream. Follow-up investigation revealed infiltration of muddy water from construction excavation site into adjacent storm main.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
01/26/2024	Spout Run	Sediment	Construction Activity	Sediment discharge from SFH construction site during rain event resulting from inadequate ESC on site. Inspector had issued NTC, and contractor failed to comply or clean street. Second discharge occurred. NOVs issued to contractor	Yes
01/30/2024	Four Mile Run - Upper Mainstem 2	Sediment	Construction Activity	Sediment discharge from SFH construction site because of inadequate on-site erosion and sediment controls. Notice issued to permit holder.	Yes
02/01/2024	Gulf Branch	Sediment	Construction Activity	Soil from sod washed off driveway, sidewalk, and street into storm drain. NOV issued to contractor.	Yes
02/02/2024	Lubber Run	Sediment	Construction Activity	Sediment discharge from SFH construction site to MS4. Dewatering being done without any filtering controls. NOV issued to contractor.	Yes
02/05/2024	Torreyson Run	Sediment	Construction Activity	Contractor dewatering planter box to exposed soil. Sediment-laden water discharged to MS4 and Four Mile Run. NOV issued to contractor.	Yes
02/06/2024	Four Mile Run - Middle Mainstem	Concrete/Asphalt, Wash Water	Construction Activity	Concrete washout entered the RoW and storm drain system. Inspector followed up and issued a NOV to the contractor for not having a proper concrete wash out area.	Yes
02/07/2024	Spout Run	Wash Water	Dumping	Employees for apartment complex dumped contents (brown discolored water) of a rolling recycling bin into a storm drain. DES spoke with PM about issue. Staff will be educated about proper disposal. NOV issued to PM.	Yes
02/10/2024	Four Mile Run - Middle Mainstem	Wash Water	Dumping	Wash water disposed of outside into a grate inlet behind business. Business notified about the issue.	Yes
02/12/2024	Lubber Run	Sediment	Unknown	Report of sediment in stream coming from east outfall. Drainage area investigation conducted but source was not identified. Episodic discharge and no longer occurring.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
02/12/2024	Lower Long Branch	Sediment	Construction Activity	Construction contractor dewatering site directly to right of way without filtering controls. Sediment discharge to MS4.	Yes
02/13/2024	Four Mile Run - Upper Mainstem 1	Sediment	Construction Activity	DSG notified OSEM of discharge. Discharge was ceased. Clean up conducted. NOV #413 issued- second moderate	Yes
02/13/2024	Lubber Run	Sediment	Construction Activity	Sediment discharge to storm drain system resulting from inadequate and poorly maintained erosion and sediment controls at a SFH construction site. Notice of violation issued to builder.	Yes
02/20/2024	Spout Run	Wash Water	Washing Activity	Employee washing out dumpster on sidewalk. Dirty wash water discharged to storm drain system. Staff spoke with manager. NOV issued to establishment.	Yes
02/24/2024	Westover Branch	Sediment	Pipe Break/Leak	FD dispatched for report of discolored water being discharged from an outfall to Four Mile Run. Source of the discoloration was sediment from a water main break in the drainage area (near 2000 block of N Potomac St).	Yes
02/27/2024	Doctor's Branch	Sediment	Construction Activity	Sediment discharge to the storm drain system associated with dewatering from an excavation in the roadway. Filtering controls were used but discharge was still discolored from clay. Inspector spoke with contractor about issue and adding additional controls	Yes
02/29/2024	Lubber Run	Fuel, Oil, Other Vehicle Fluid	Vehicle Accident	Fire accident leaked fuel and oil onto roadway. Product spread as fire was extinguished. Small volume of product entered a storm drain. No impacts to surface waters. Roadway cleaned. DEQ notified IR#312929	Yes
03/01/2024	Four Mile Run - Lower Mainstem	Sediment	Pipe Break/Leak	Sediment release to MS4 and Four Mile Run associated with a 12" water main break. DES-WSS repaired the main and stopped the discharge.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
03/05/2024	Four Mile Run - Upper Mainstem 2	Sediment	Construction Activity	Sediment discharge to right of way associated with dewatering activity at a SFH construction site. Filtering control being used was not effective. Inspector ceased discharge. Additional filtering controls will be implemented. ESC NOV issued to contractor.	Yes
03/08/2024	Rocky Run	Swimming Pool Water	Draining Pool	Pool company drained multi-residential swimming pool to the right of way and storm drain system. Follow-up investigation conducted. Information about properly draining swimming pools was provided to property manager and pool service company. No impacts to stream.	Yes
03/12/2024	Roaches Run	Chemical	Washing Activity	Pool company drained swimming pool and wash water to parking area and storm drain system. NOV and educational materials provided to contractor.	Yes
03/13/2024	Little Pimmit Run - East Branch	Concrete/Asphalt	Construction Activity	Report of milky discoloration coming from the outfall to Little Pimmit Run East Branch in Rock Spring Park. Discharge resembled concrete wash water or slurry. Discharge was transient. Drainage area investigation did not reveal a source.	Yes
03/13/2024	Four Mile Run - Lower Mainstem	Chemical	Valve malfunction	Operational error at WPCP resulted in a residual chlorine exceedance overnight and discharge via the main outfall to Four Mile Run. Fish kill consisting of shad occurred. DEQ notified, IR#313137.	Yes
03/14/2024	Torreyson Run	Concrete/Asphalt, Sediment	Construction Activity	Minor discharge of sediment and concrete wash water to the MS4 from a SFH construction site. Inspector issued notice to the contractor.	Yes
03/18/2024	Lubber Run	Sediment	Construction Activity	Erosion and sediment controls not installed prior to work being conducted in stream channel resulting in sediment release downstream. NOV issued to contractor. Inspector working with contractor to ensure appropriate controls are in place.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
03/25/2024	Gulf Branch	Sediment	Unknown	Report of discolored water in stream. Discharge resembled sediment. Discharge no longer actively occurring at time of investigation. Drainage area investigation did not determine source of discharge.	Yes
03/29/2024	Four Mile Run - Lower Mainstem	Sewage	Overflow	Discharge of PEW to storm drain system due to clogged floor drain.	Yes
04/15/2024	Lubber Run	Sediment	Unknown	Report of sediment in stream. Discharge no longer actively occurring at time of investigation. Drainage area investigation did not determine source of discharge.	
04/17/2024	Spout Run	Sewage	Overflow	Sanitary release associated with a cross connection from a restaurant kitchen. Health Department ceased operations and the necessary repair was made.	Yes
04/17/2024	Donaldson Run	Sewage	Overflow	Sanitary sewer overflow caused by a blockage in the main. Blockage cleared and overflow ceased.	Yes
04/20/2024	Gulf Branch	Paint/Grout	Washing Activity / Dumping	ACFD responded to report of an unknown white substance in the stream. No hazards were detected on a chem strip. The material looked like dry wall or grout wash water. The discharge was no longer active at time of the investigation. Source of the discharge was not identified.	Yes
04/22/2024	Lubber Run	Sediment	Unknown	Report of sediment discharge from east outfall to You Lubber Run in Woodlawn Park. Outfall flowing clear at time of follow-up investigation. Drainage area investigation conducted; source of transient discharge not determined.	
04/28/2024	Four Mile Run - Lower Mainstem	Swimming Pool Water	Pool Draining	Report of two swimming pools on the property being drained directly into the storm drain system. Follow- up investigation conducted. No impacts to FMR observed. County spoke with property management about pool maintenance.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Summary / Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
05/03/2024	Lubber Run	Foam/Suds	Washing Activity	Report of suds in stream. The discharge was transient and was no longer actively occurring at time of follow-up investigation. The discharge resembled wash water. The source was not identified.	Yes
05/06/2024	Virginia Highlands	Grease	Spills / inadequate housekeeping	Inadequate housekeeping in the alley adjacent to a restaurant has led to grease accumulation and greasy runoff from the alley to the sidewalk and street. Responsible party notified and instructed to clean area.	
05/06/2024	Little Pimmit Run - East Branch	Sediment	Construction Activity	Improper dewatering led to sediment discharge to MS4. Builder instructed to use appropriate filtering controls.	Yes
05/06/2024	Lubber Run	Sediment	Construction Activity	Discharge of sediment-laden water from improper dewatering at a SFD construction site entered MS4 and Lubber Run. Builder instructed to use appropriate filtering controls.	Yes
05/07/2024	Lubber Run	Sediment	Washing Activity	Report of contractor washing the street. Inspector spoke with builder. Builder had shoveled and swept the road and then washed it.	Yes
05/08/2024	Gulf Branch	Paint/Grout	Unknown	Report of milky water in stream. Discharge was transient and no longer occurring at time of follow- up investigation. Source of discoloration not identified.	Yes
05/08/2024	Lubber Run	Sediment	Construction Activity	Sediment discharge from improper dewatering operation. Inspector followed up with responsible party about using filtering controls.	Yes
05/08/2024	Spout Run	Sediment	Construction Activity	Evidence of sediment discharge from SFH construction site to the MS4. Builder contacted and instructed to clean street.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
05/13/2024	Four Mile Run - Lower Mainstem	Paint/Grout	Washing Activity	Pest Management Company spilled small amount (few ounces) of latex paint in the street. Paint was wiped up and then residual paint was washed off. Company notified of issue and employees will receive training on not washing spills down.	Yes
05/15/2024	Four Mile Run - Upper Mainstem 1	Gasoline, Oil, Other Vehicle Fluid	Accident	Release of vehicle fluids from multi-vehicle accident to roadway and storm drain system. FD boomed and diked area. VDOT and DEQ notified.	Yes
05/16/2024	Four Mile Run - Upper Mainstem 2	Sediment	Pipe Break/Leak	Sediment release to MS4 from water valve leak in roadway. WSS repaired valve and the discharge was stopped.	Yes
05/16/2024	Lubber Run	Sediment	Construction Activity	Report of sediment discharge from west outfall to Lubber Run. Drainage area conducted. Definitive source not identified. Source may have been discharge from dewatering at SFH construction site.	Yes
05/20/2024	Little Pimmit Run - East Branch	Paint/Grout	Washing Activity	Report of milky discolored water in stream. A drainage area investigation was conducted but the source of the transient discharge was not identified. Discharge no longer occurring.	Yes
05/26/2024	Donaldson Run	Foam/Suds	Washing Activity	Discharge of wash water from mobile pet grooming service company. Groomer left valve on collection tank in van open. OSEM spoke with owner. NOV warning issued to company. Y	
05/28/2024	Gulf Branch	Sewage	Overflow	Sanitary sewer overflow and subsequent discharge to Gulf Branch caused by a blockage in an 8' sanitary main. WSS crews cleared the blockage. Arlington Alert issued. DEQ notified, IR#314146	Yes
05/30/2024	Gulf Branch	Sediment	Washing Activity	Discharge of dirty water to MS4 and Gulf Branch from pressure washing driveway. County staff spoke with resident about the issue and need to control the runoff.	Yes

Date	Watershed	Pollutant Description	Source / Reason for Discharge	Summary / Action Taken	ID Eliminated or No Longer Occurring
05/31/2024	Little Pimmit Run - East Branch	Paint/Grout	Washing Activity	A contractor working at a SFH washed equipment used for renovation work over a French drain. The discharge entered the MS4 and Little Pimmit Run, East Branch.	Yes
06/03/2024	Four Mile Run - Middle Mainstem	Sediment	Construction Activity		
06/12/2024	Spout Run	Sediment	Construction Activity	Discharge of sediment to the storm drain system from SFH construction site without any ESC. Inspector followed up and issued a NOV	Yes
06/13/2024	Four Mile Run - Upper Mainstem 1	Oil, Other Vehicle Fluid	Equipment Leak	Release of various vehicle fluids from a large truck being transported to the right of way. The fluids entered the storm drain system. DES SWB responded and cleaned up residual material on roadway. A responsible party was not identified.	Yes
06/13/2024	Lower Long Branch	Concrete/Asphalt	Construction Activity	vity Discharge of concrete slurry from work at a SFH construction site to the storm drain system. NOV issued to contractor.	
06/21/2024	Gulf Branch	Paint/Grout	Washing Activity	FD responded to report of unknown gray substance in Gulf Branch. Substance resembled dry wall wash water. No hazardous were detected and discharge was no longer actively occurring. No source was identified.	Yes

Appendix AR9 - List of Permitted IHRR Facilities

Permit Number	Facility	Permit Type	Discharge Activity / Type
VAG110087	Virginia Concrete Company Inc.	Concrete SWGP	Surface discharges from plant
VAR051097	WMATA – Four Mile Run Bus Garage	Industrial SWGP	Discharge waiver
VAR051296	US Army – Joint Base Myer Henderson Hall**	Industrial SWGP / MS4 Permit	Surface discharges from MS4
VAR051421	Arlington County Water Pollution Control Facility	Industrial SWGP	Surface discharges from plant
VAR051790	US NPS – George Washington Memorial Pkwy Maintenance**	Industrial SWGP / MS4 Permit	Discharge waiver
VA0032000	US Department of Defense – Pentagon	Individual Industrial	Discharges from plant
VA008976	The Nature Conservancy	Individual Industrial	Long term groundwater discharge (treatment system in place)
VAG750208	Avis Rental Car	Car Wash GP	Episodic outdoor washing
VAG750207	Enterprise Shirlington	Car Wash GP	Frequent outdoor washing
VAG830569	Fillmore Shopping Center	Petroleum GP	Associated with active construction site
VAG830559	Met678 National Landing Amazon	Petroleum GP	Associated with active construction site
VAG830321	The Jasper	Petroleum GP	Long term groundwater discharge (treatment system in place)
VAG830340	1812 Holdings LLC, 1812 N Moore Street	Petroleum GP	Long term groundwater discharge (treatment system in place)
VAG830609	1901 N Moore Street	Petroleum GP	Associated with active construction site
VAG830588	2050 & 2051 S Bell Street	Petroleum GP	Associated with active construction site. <i>Terminated: August 2023</i>

**Facility does not discharge or have a point of connection to Arlington County's MS4.

Appendix AR10 - FY24 IHRR Commercial Facilities Inspections

Facility / Establishment	Street Name	Inspection Date	Evidence of ID?	Follow-up Needed?	Letter Sent / Referral	lssue(s) resolved
Joyce Motors	10th Street N	05/02/2024	No	No	No	N/A
Jim's Automotive	10th Street S	06/05/2024	No	No	No	N/A
ROKA Associates	10th St N	05/02/2024	No	No	No	N/A
AVIS (VPDES)	10th St N	05/02/2024	No	No	No	N/A
LA MOTO	10th St N	05/02/2024	No	No	No	N/A
WBM Automotive	10th St N	05/02/2024	No	No	No	N/A
Arlington Forest Shopping Center	1st Street N	03/08/2024	No	No	No	N/A
Royal Pawn	23rd Street S	05/01/2024	No	No	No	N/A
Vacant - formerly Taj of India	23rd Street S	05/01/2024	No	No	No	N/A
Los Tios	23rd Street S	05/01/2024	No	No	No	N/A
Federico Ristorante Italia	23rd Street S	05/01/2024	No	No	No	N/A
Top Thai	23rd Street S	05/01/2024	No	No	No	N/A
Andalusia	23rd Street S	05/01/2024	No	No	No	N/A
Crystal City Sports Pub	23rd Street S	05/01/2024	No	No	No	N/A
Bob and Edith's Diner	23rd Street S	05/01/2024	No	No	No	N/A
23rd St S / S Eads St Alley (Young	23rd Street S / 2315 S Eads	05/01/2024	No	No	No	, N/A
Chow, CC Restaurant, Kabob Palace)	St	,-,-		-		,
2325-2333 Shawarma XPress Strip	S Eads St	05/01/2024	No	No	No	N/A
First Choice Auto Body Flemings	31st St S	06/11/2024	No	No	No	, N/A
C&G Auto Body	5th Road N	06/11/2024	No	No	No	N/A
Pentagon Row HT Loading Dock Alley	Army Navy Drive	06/11/2024	No	No	No	N/A
Shirlington Village E of S Randolph	Campbell Avenue / S Randolph St	06/05/2024	No	No	No	N/A
Shirlington Village W of S Randolph	Campbell Avenue / S Randolph St	06/05/2024	No	No	No	N/A
Arlington Village Center	Columbia Pike	04/16/2024	Yes	Yes	Yes	Yes
Arlington Heights Property	Columbia Pike	06/05/2024	Yes	Yes	Yes	Yes
Columbia Pike Plaza	Columbia Pike	06/05/2024	Yes	Yes	Yes	Yes
Carters BP Station/Car Wash	Columbia Pike	06/05/2024	Yes	Yes	Yes	Yes
Gelman Arlington Shopping Center	Columbia Pike	04/16/2024	Yes	Yes	Yes	Yes
Kabana	Columbia Pike	04/16/2024	No	No	No	N/A
Greens and Teff Café	Columbia Pike	04/16/2024	No	No	No	N/A
Family Kabob and Curry House	Columbia Pike	04/16/2024	No	No	No	N/A
Panda Bowl	Columbia Pike	04/16/2024	No	No	No	N/A
Good Fortune Chinese Restaurant	Columbia Pike	04/16/2024	No	No	No	N/A
Bangkok 54/Boru Ramen	Columbia Pike	04/16/2024	No	No	No	N/A
Citgo gas station	Columbia Pike	04/16/2024	No	No	No	, N/A
Barcroft Plaza Columbia Pike		06/05/2024	Yes	Yes	Yes	Yes
Burger King Columbia Pike		04/29/2024	No	No	No	N/A
Marlen Perfume (Depot food trucks) Columbia Pike		04/29/2024	No	No	No	N/A
The Broiler	Columbia Pike	04/29/2024	No	No	No	N/A
Metro Motor Liberty	Columbia Pike	04/16/2024	No	No	No	N/A
Shell Gas Station	Columbia Pike	04/16/2024	No	No	No	N/A

Facility / Establishment	Street Name	Inspection Date	Evidence of ID?	Follow-up Needed?	Letter Sent / Referral	lssue(s) resolved
Audi Arlington (wash area)	Columbia Pike	04/16/2024	No	No	No	N/A
Arlington Auto Group	Columbia Pike	04/29/2024	N/A	N/A	N/A	N/A
Eagle Automotive	Columbia Pike	04/29/2024	N/A	N/A	N/A	N/A
Liberty Gas Station	Columbia Pike	04/29/2024	N/A	N/A	N/A	N/A
Auto Plus	Columbia Pike	04/29/2024	N/A	N/A	N/A	N/A
Sunoco /Arlington Auto Service Gas	Columbia Pike	06/05/2024	N/A	N/A	N/A	N/A
Jiffy Lube	Jackson St	06/11/2024	N/A	N/A	N/A	N/A
Exxon	Langston Blvd	04/09/2024	No	No	No	N/A
Reinhart's Garage	Langston Blvd	04/30/2024	No	No	No	N/A
Shell Gas Station	Langston Blvd	04/30/2024	No	No	No	N/A
Cherrydale Motors	Langston Blvd	04/30/2024	No	No	No	N/A
Liberty Gas Station	Langston Blvd	04/30/2024	No	No	No	N/A
Exxon Gas Station	Langston Blvd	04/30/2024	No	No	No	N/A
Exxon Gas Station	Langston Blvd	04/09/2024	No	No	No	N/A
NTB	Langston Blvd	05/22/2024	No	No	No	N/A
Japanese Auto Care	Langston Blvd	05/22/2024	No	No	No	N/A
Sunoco Gas Station	Langston Blvd	05/22/2024	No	No	No	N/A
BP Gas Station	Langston Blvd	05/22/2024	No	No	No	N/A
Liberty Gas Station	Langston Blvd	05/22/2024	No	No	No	N/A
Shell Gas Station	Langston Blvd	05/22/2024	No	No	No	N/A
7-11/Exxon Gas Station	Langston Blvd	03/01/2024	No	No	No	N/A
Midas	Langston Blvd	03/01/2024	No	No	No	N/A
Lee Hwy Plaza	Langston Blvd	03/01/2024	No	No	No	N/A
Garden City Shopping Center	Langston Blvd	05/22/2024	No	No	No	N/A
Advanced Auto Parts	Langston Blvd	05/22/2024	No	No	No	N/A
Lee Edison Shopping Center	Langston Blvd	05/22/2024	No	No	No	N/A
Bob & Edith's Diner	Langston Blvd	05/22/2024	No	No	No	N/A
Mr. Tire	Langston Blvd	05/22/2024	No	No	No	N/A
Koons Arlington Toyota/D&P	Cherry Hill Rd	04/30/2024	No	No	No	N/A
Cherrydale Properties	Langston Blvd	04/30/2024	No	No	No	N/A
Burger 7	Langston Blvd	04/30/2024	No	No	No	N/A
C&P Automotive	Langston Blvd	03/01/2024	No	No	No	N/A
Buckingham Shopping Center 2 NE	N Glebe Road	04/09/2024	No	No	No	N/A
Shell Gas Station	N Glebe Road	04/09/2024	No	No	No	N/A
Liberty Gas / Auto Center	N Glebe Road	06/11/2024	No	No	No	N/A
Lee Harrison Shopping Center	N Harrison Street	05/22/2024	N/A	N/A	N/A	N/A
Gyu-Kaku Japanese BBQ	N Hudson Street	03/14/2024	N/A	N/A	N/A	N/A
Buckingham Shopping Center 1 NW	N Pershing Drive	04/09/2024	No	No	No	N/A
Liberty Pershing Metro Motor	N Pershing Drive	05/02/2024	No	No	No	N/A
Williamsburg Shopping Center 2	N Sycamore Street	04/09/2024	N/A	N/A	N/A	N/A
Exxon Gas Station	Richmond Hwy	05/01/2024	N/A	N/A	N/A	N/A
Porsche of Arlington	Richmond Hwy	05/01/2024	N/A	N/A	N/A	N/A
Enterprise Shirlington VPDES	S Arlington Mill Dr	06/05/2024	N/A	N/A	N/A	N/A
S Barcroft Complex	S Four Mile Run Drive	03/11/2024	No	No	No	N/A

Facility / Establishment	Street Name	Inspection Date	Evidence of ID?	Follow-up Needed?	Letter Sent / Referral	Issue(s) resolved
7 11 / Mobil	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
Mr. Wash Car Wash	S Four Mile Run Drive, B	03/11/2024	No	No	No	N/A
Mr. Tire	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
Arlington Auto Repair	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
BP Gas Station	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
Shell Gas Station	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
Caliber Collision Center	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
Caliber Collision Center	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
J&F Motors	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
Arlington Collision Center	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
Auto Stop	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
Advanced Auto Sales	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
Automotive Express	S Four Mile Run Drive	03/11/2024	No	No	No	, N/A
Maverick Auto Shop	S Four Mile Run Drive	03/11/2024	No	No	No	, N/A
Q Auto Care	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
Four Mile Run Used Tires	S Four Mile Run Drive	03/11/2024	No	No	No	N/A
E&D International Auto Repair	S Four Mile Run Drive	03/11/2024	No	No	No	, N/A
Arlington Ridge Shopping Center	S Glebe Rd	04/04/2024	No	No	No	, N/A
Giant Food	S Glebe Road	04/08/2024	No	No	No	, N/A
Arna Valley Exxon Gas Station	S Glebe Road	04/08/2024	No	No	No	N/A
Exxon Gas Station	S Glebe Road	04/16/2024	No	No	No	N/A
Midas	S Glebe Road	04/16/2024	No	No	No	N/A
7-11	S Glebe Road	04/08/2024	No	No	No	N/A
Town Car Repair	S Glebe Road	04/08/2024	No	No	No	N/A
Mister Motors	S Monroe Street	06/11/2024	No	No	No	N/A
Automotive Express and used tires	S Oakland Street	03/11/2024	No	No	No	N/A
The Muddy Mutt	S Oxford Street	03/11/2024	No	No	No	N/A
Shirlington Shell	S Quincy Street	06/05/2024	No	No	No	N/A
Collision Care Accident Repair	Shirlington Road	04/08/2024	No	No	No	N/A
Auto America Service	Shirlington Road	04/08/2024	No	No	No	N/A
Exxon	Shirlington Road	06/05/2024	No	No	No	N/A
Arlington Auto Sale (Capitol Auto Land)	Shirlington Road	04/08/2024	Yes	Yes	Yes	Yes
Ashu Auto Repair	Shirlington Road, A	04/08/2024	No	No	No	N/A
Fine Line Auto	Shirlington Road, B	04/08/2024	No	No	No	N/A
Metro Motor	Washington Blvd	05/02/2024	No	No	No	N/A
Shell Gas Station	Washington Blvd	05/02/2024	No	No	No	N/A
Baird Automotive	Washington Blvd	05/02/2024	No	No	No	N/A
Pham's	Washington Blvd	06/05/2024	No	No	No	N/A
Japanese Auto	Washington Blvd	04/09/2024	N/A	N/A	N/A	N/A

Facility / Establishment	Street Name	Inspection Date	Evidence of ID?	Follow-up Needed?	Letter Sent / Referral	lssue(s) resolved
Sunoco Gas Station	Washington Blvd	04/09/2024	N/A	N/A	N/A	N/A
H&R Auto	Washington Blvd	05/02/2024	No	No	No	N/A
Westover Village Shopping Center	Washington Blvd	04/09/2024	Yes	Yes	Yes	Yes
Westover Village Shops	Washington Blvd	04/09/2024	Yes	Yes	Yes	In progress
Liberty	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
Colonial Village Shopping Center	Wilson Blvd	03/22/2024	N/A	N/A	N/A	N/A
2039-2057 Wilson Blvd	Wilson Blvd	03/22/2024	N/A	N/A	Yes	In progress
Don Tito's	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
Spider Kelley's	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
Wilson Blvd strip alleys	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
Liberty Tavern	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
Mario's Pizza / Carvel	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
All About Burger	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
Exxon Gas Station	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
T&J Auto Body / Mr. Tires	Wilson Blvd	05/02/2024	No	No	No	N/A
Goodyear Arlington Auto Care	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
Exxon Gas Station	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
Japanese Auto Service	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
Arlington Auto Clinic Exxon	Wilson Blvd	03/14/2024	N/A	N/A	N/A	N/A
Fettoosh	Wilson Blvd	03/14/2024	N/A	Yes	No	Yes

Appendix AR11 - FY24 Public Education and Participation Summary

Arlington County conducts education and outreach activities for a comprehensive variety of stormwater and watershed management issues, including nonpoint source pollution, illicit discharges and pollution prevention, household hazardous waste, litter, and recycling, stream buffer and stream restoration, and water quality monitoring. Some activities are conducted annually, and others vary each year. These programs range from volunteer stream cleanup events, storm drain marking, and school and civic group presentations to web-based information and multi-media outreach efforts (including the Northern Virginia regional education campaign). Stormwater and watershed-related public education activities are conducted primarily by Arlington County Department of Environmental Services and Department of Parks and Recreation staff, with a variety of collaborative efforts undertaken with other Northern Virginia jurisdictions, such as EcoAction Arlington, Northern Virginia Regional Commission, Northern Virginia Soil and Water Conservation District, and other organizations. Each year Arlington County uses the strategies in the table below in our public education and engagement initiatives.

Strategies	Arlington County examples
Traditional written materials	Informational brochures, fact sheets and resources on rain gardens, rain barrels, permeable pavement, native plants/reducing lawn and green gardening.
Alternative materials	Dog waste pickup bags, dog rope toys, gardening gloves, native seed packets, notepads, and temporary tattoos with "Only Rain in the Storm Drain," green gardening and pollution prevention messages.
Signage	Storm drain markers, dog waste pickup signs at dog parks, temporary educational signs at events, posters on best practices for restaurants, pollution prevention for institutional facilities, etc.
Media Materials	Articles in local media outlets, social media engagement, television and social media advertisement with Clean Water Partners.
Speaking engagements	Presentations to civic associations, teachers, local businesses, students, Master Naturalists, Master Gardeners, etc.
Curriculum materials	Enviroscape Watershed Model lesson – materials and model provided to volunteers and teachers for use with students; Material and teaching for Master Naturalist and Master Gardener classes.
Training materials	Materials for rain garden workshops and other homeowner technical assistance provided online.

Table 1: List of strategies and Arlington County-specific examples

Per Arlington's MS4 permit, public outreach and education objectives include:

- 1. Promote, publicize, and facilitate public reporting of the presence of illicit discharges or improper disposal of materials into the MS4;
- 2. The permittee shall identify no less than three high-priority stormwater issues to meet the goal of educating the public. High-priority issues may include the following examples: **Chesapeake Bay nutrients, pet wastes,** local receiving water impairments, TMDLs, high-quality receiving waters, and **illicit discharges from commercial sites.** The permittee shall use four or more of the strategies listed in the table [above] per year to communicate to the public the high-priority stormwater issues identified including how to reduce stormwater pollution;
- 3. Continue to promote individual and group involvement in local water quality improvement initiatives including the promotion of local restoration and clean-up projects, programs, groups, meetings and other opportunities for **public involvement**;
- 4. Develop an outreach program for public and private **golf courses** located within the County which discharge to the permittee's MS4 that encourages implementation of integrated management practice (IMP) plans and techniques to reduce runoff of fertilizer and pesticides;
- 5. Promote and publicize the proper management and disposal of used oil and household hazardous wastes;
- 6. Promote and publicize the proper disposal of **pet waste** and household **yard waste**;
- 7. Promote and publicize the use of the county's litter prevention program;
- 8. Promote and publicize methods for residential car washing that minimize water quality impacts;
- 9. Promote and publicize the proper use, application, and disposal of **pesticides**, **herbicides**, **and fertilizers** by public, commercial, and private applicators and distributors;
- 10. Encourage private property owners to implement voluntary stormwater management techniques and/or retrofits including those described in Part I.B.2; and,
- 11. Target strategies towards local groups of commercial, industrial, and institutional entities likely to have significant stormwater impacts
- 12. Develop an outreach and education strategy to target **private winter maintenance providers** and encourages implementation of enhanced best management practices in the application and storage of anti-icing and deicing compounds and abrasives used for snow and ice management.

The tables below provide the reporting information required by the permit: a list of permittee public outreach and education activities and the estimated number of individuals reached through the activities. The sections that follow provide summaries of the key programs for FY24.

In the last column of the tables, the public outreach and education objectives (from the list above) for each activity are abbreviated: Illicit discharge (1, 2), Public involvement (3), Golf courses (4), Household hazardous waste (5), Pet waste/yard waste (6, 2), Litter prevention (7), Car washing (8), Pesticides and fertilizers (9, 2), Voluntary stormwater techniques (10), Commercial and institutional outreach (11, 2), Winter salt (12).

Public Outreach / Education Presentations and Events	Date	Estimated or actual number of individuals reached	Themes Covered
Sparrow Pond Community Meeting	7/12/2023	20	Public involvement
Park Corps – What Color is a Stream?	8/1/2023	15	Illicit discharge, car washing, pet waste, voluntary stormwater techniques, litter prevention
Arlington County Fair	8/19-8/21/23	2000	Public involvement, voluntary stormwater techniques, pet waste
Spout Run Joint Civic Association Watershed Meeting	9/7/23	32	Public involvement
Lubber Run Joint Civic Association Watershed Meeting	9/21/23	34	Public involvement
Ballston Wetland Project Ribbon Cutting	9/26/23	45	Public Involvement, Chesapeake Bay nutrients
Westover Day and Stormwater Vault Ribbon Cutting	9/30/23	300	Public involvement
Paws on the Pike	09/30/2023	150	Pet waste
Arlington Regional Master Naturalists (Fall Aquatic Ecology class)	10/03/2023	25	Illicit discharge, car washing, pet waste, Fertilizers & pesticides, voluntary stormwater techniques, litter prevention, winter salt, public involvement
Crossman Run Watershed Meeting	10/4/23	14	Public involvement
N Piedmont St Green Streets Meeting	10/5/2023	7	Public involvement
Unitarian Universalist Church Stormwater Presentation	10/10/23	35	Public involvement, voluntary stormwater techniques
Stormwater Utility Information Session	10/10/23	15	Public Involvement, voluntary stormwater techniques
Gulf Branch Advisory Group Meeting	10/11/2023	12	Public involvement

Public Outreach / Education Presentations and Events	Date	Estimated or actual number of individuals reached	Themes Covered
Arlington Regional Master Naturalist Stream Monitoring training	10/14/2023	30	Public involvement
Master Gardener Stormwater and Water Quality Training	10/17/23	30	Public involvement, voluntary stormwater techniques, pesticides and fertilizers
Encore Learning Watershed Class	10/18/23	10	Public involvement, voluntary stormwater techniques, pesticides and fertilizers
Torreyson Run Joint Civic Association Meeting	10/18/23	12	Public involvement
Gulf Branch Community Meeting	10/25/2023	25	Public involvement
4437 18th St North Demolition Community Meeting	10/26/23	20	Public involvement
Mt Olivet Church Stormwater Education Event	10/30/23	30	Public involvement, voluntary stormwater techniques, pesticides and fertilizers
Baileys Branch Joint Civic Association Meeting	11/1/23	20	Public involvement
Fairlington Meadows HOA Stormwater Education Event	11/8/23	45	Public involvement, voluntary stormwater techniques, pesticides and fertilizers
Civic Federation Risk Assessment and Management Plan Presentation	11/14/23	50	Public involvement
Long Branch Outfall Repair Community Meeting	11/17/2023	12	Public Involvement
Stream Monitoring Annual Results Sharing	11/29/2023	22	Public Involvement
County Board Meeting Stormwater Utility	12/16/23	20	Public involvement, voluntary stormwater techniques
Rivercrest Community Meeting	1/8/2024	25	Public involvement
Rain Garden Workshop	2/10/2024	50	Voluntary stormwater techniques

Public Outreach / Education Presentations and Events	Date	Estimated or actual number of individuals reached	Themes Covered
Waycroft Woodlawn Civic Association	2/15/24	30	Public involvement
Live stakes planting volunteer event	2/20/2024	25	Public involvement
4437 18th St North Demolition Community Meeting	2/21/24	25	Public involvement
Bellevue Forest Civic Association Community Meeting – Gulf Branch Green Streets	3/4/2024	20	Public involvement
Four Mile Run Flood Channel Dredging and Trees	3/13/24	2	Public involvement
EcoAction Arlington Annual Meeting	3/13/2024	40	Voluntary stormwater techniques, public involvement
Bellevue Forest Garden Club Presentation	3/14/2024	40	Voluntary stormwater techniques, public involvement
Gulf Branch stream walk	3/19/2024	6	Public involvement
Rain Barrel Workshop	3/19/2024	31	Voluntary stormwater techniques, public involvement
Park Corps – Storm Drain Marking & Stream Monitoring	3/25/2024	15	Storm drains, pollution prevention, involvement in water quality initiatives, litter prevention
Park Corps – What Color is a Stream?	3/26/2024	15	Illicit discharge, car washing, pet waste, voluntary stormwater techniques, litter prevention
Intro to Stream Monitoring	3/26/2024	12	Public involvement
EPA Press Conference to announce grant funding	3/27/24	50	Public involvement
Waverly Hills Civic Association Meeting	4/3/24	30	Public involvement

Public Outreach / Education Presentations and Events	Date	Estimated or actual number of individuals reached	Themes Covered
Arlington Regional Master Naturalists (Spring Aquatic Ecology Class)	4/09/24	25	Illicit discharge, car washing, pet waste, Fertilizers & pesticides, voluntary stormwater techniques, litter prevention, winter salt, public involvement
EarthFest Event	4/13/24	50	Public involvement, voluntary stormwater techniques
Stream Monitoring Annual Refresher Training	4/19/2024	14	Public involvement
Plan Langston Boulevard Earth Day	4/21/24	200	Public involvement, voluntary stormwater techniques, pet waste
Arlington Regional Master Naturalists stream monitoring presentation	5/4/2024	25	Public involvement, voluntary stormwater techniques
Risk Assessment and Management Plan Presentation for Climate Change, Energy and Environment Commission	5/20/24	20	Public involvement
Green Community Tour	6/1/24	100	Public involvement, voluntary stormwater techniques, pesticides and fertilizers
Bacteria monitoring recertification	6/4/2024	20	Public involvement
5480 18 th St. North Demolition Community Meeting	6/5/24	10	Public involvement
Risk Assessment and Management Plan Presentation for Critical Watershed Groups	6/20/24	30	Public involvement
Understanding Your Flood Risk Webinar	Online	341	Floodplain maps, voluntary stormwater techniques
How to Reduce Flood Risk Webinar	Online	218	Voluntary stormwater techniques
Flood Risk Webinar in Spanish	Online	84	Floodplain maps, voluntary stormwater techniques

Public Outreach / Education Presentations and Events	Date	Estimated or actual number of individuals reached	Themes Covered
Total Individuals Reached via Presentations and Events		4583	

Table 2: List of permittee public outreach presentations and events and the estimated or actual number of individuals reached, FY24

Public Outreach / Education – Other Activities	Timeframe	Estimated or actual number of individuals reached	Themes Covered
Projects to Watch Video on Ballston Wetland project	September, 2023	1426 views	Ballston wetland project, water quality, fertilizers and pesticides, litter, wildlife habitat
Pollution prevention and stream pollution reporting via the County website, social media and e-blasts	Ongoing, special focus in spring	2396 webpage sessions	Illicit discharge, Household hazardous waste, Car washing, Pet waste, Fertilizers & pesticides, Yard waste, Commercial outreach, Golf courses, Winter salt, Construction P2
Storm drain marking	Ongoing	93 volunteers, 204 volunteer hours, 522 storm drain markers	Illicit discharge, public involvement
Stream monitoring	Ongoing	103 volunteers, 1228 volunteer hours	Illicit discharge, public involvement
Green Events weekly email newsletter with environmental events, workshops, programs, and environmental tips	Ongoing	8000 recipients	Public involvement
Army-Navy Country Club and Washington Golf and Country Club grounds managers – communication on integrated management practice plans and techniques to reduce runoff of fertilizer and pesticides.	4/4/2024	Managers for 25-30 grounds staff each, 50-60 people reached total.	Golf courses

Public Outreach / Education – Other Activities	Timeframe	Estimated or actual number of individuals reached	Themes Covered
Restaurant Pollution Prevention Resources – print and online, including <u>new online resources for back-of-</u> <u>house maintenance for restaurants available in multiple</u> <u>languages</u>	Ongoing	As needed	Commercial and institutional entities
Household Hazardous Material Program and E-CARE	Year-Round, Special Events 2x/year	See Public Education and Participation section for totals	Household hazardous waste, Litter prevention
Recycling-focused social media and listserv messaging	Ongoing	27,434 residents	Litter Prevention
Quarterly brochures on proper recycling, organics and trash disposal, and <u>Recycling Made Simple Bilingual</u> <u>Brochure</u>	Quarterly	33,000 households	Litter Prevention
Trash and Recycling website educating on proper disposal	Online	408,765 pageviews	Litter Prevention
Rethinking Recycling video	Online	31,486 views since October 2020	Litter Prevention
Site visits to private property owners on managing stormwater or to discuss stormwater practices	2023: 9/26, 10/20 2024: 2/23, 3/8, 4/4, 4/17, 5/6 5/12, 5/15, 5/20	10 site visits, 10 individuals reached	Voluntary stormwater techniques
Stormwater at Home website outreach	Ongoing	11,651 webpage sessions	Voluntary stormwater techniques
Rain Garden Workshop Recording and Materials	Online	1061 views on videos since February 2021	Voluntary stormwater techniques

Public Outreach / Education – Other Activities	Timeframe	Estimated or actual number of	Themes Covered
		individuals reached	
Swimming Pool Owner and Contractor Outreach	Insert in	200 inserts, 100	Commercial outreach
	letters to pool	emails	
	owners, Email		
	blast in spring		
Postcards on managing sawcut slurry, concrete washout, and dumpsters	Ongoing	As needed	Commercial outreach
Annual water quality report – included information on stormwater utility project	July 2023	35,000	Article on stormwater utility
Total Individuals Reached via Other Activities		560,685	

Table 3: List of other permittee public outreach and education activities and the estimated or actual number of individuals reached, FY24

Media coverage for FY 2024

Stormwater Utility

Starting in 2024, Arlington County will tax your impervious surfaces | ARLnow.com

https://www.gazetteleader.com/arlington/news/arlington-treasurers-office-gears-up-for-stormwater-fee-switch-7559194

FEMA floodplain

More Arlington properties are now located within floodplains, county says | ARLnow.com

Ballston Wetland Project

A \$4 million renovation of Ballston Wetlands Park is officially complete — and beavers returned for the occasion | ARLnow.com

https://martinezbeavers.org/wetlands-rebuilt-with-beavers-in-mind/

https://www.arlingtonva.us/About-Arlington/Newsroom/Articles/2023/Arlington-Celebrates-Openings-of-the-New-Ballston-Wetland-Park-and-the-Cardinal-Elementary-School-Stormwater-Vault

Ribbon-cutting for completed Westover stormwater vault to be held this weekend | ARLnow.com

Winter Salt

Arlington County applying brine to 'tricky spots' ahead of storm, just in case | ARLnow.com

Cardinal School Stormwater Vault

https://stormwater.wef.org/2023/12/massive-stormwater-vault-unveiled-at-virginia-elementary-school/

Ribbon-cutting for completed Westover stormwater vault to be held this weekend | ARLnow.com

Gulf Branch Project

County seeks public input as Gulf Branch restoration project design nears completion | ARLnow.com

Sparrow Pond Project

https://www.arlnow.com/2024/01/31/wod-trail-to-close-next-month-as-sparrow-pond-restoration-work-continues/

Flooding and Resilience

Arlington Climate Resilient City https://www.usatoday.com/money/homefront/moving/most-climate-resilient-cities/

https://www.wusa9.com/video/news/local/virginia/after-2019-arlington-flooding-are-residents-better-prepared/65-c7b201c0-994b-411b-afcd-bb2108f1607d

https://patch.com/virginia/arlington-va/missing-middle-townhouses-approved-lot-uphill-flood-prone-area

Rising insurance premiums, damage to parks among resident concerns about stormwater management along Lubber Run | ARLnow.com

NFWF Grant and Grandma's Creek Project

Chesapeake Bay Watershed to Benefit from \$35 Million in Watershed Restoration Grants | NFWF

Grandma's Creek Receives National Fish and Wildlife Foundation Grant

- ARLnow: Arlington County receives nearly \$300k to combat Chesapeake Bay pollution
- Washington Post: Grant will add rain gardens, trees to reduce erosion in Arlington stream
- Maryland Daily Record: EPA announces historic funding for Chesapeake Bay restoration programs

Northern Virginia Clean Water Partners – Only Rain Down the Drain Campaign

In FY24, Arlington County continued to support the Northern Virginia Clean Water Partners <u>Only Rain Down the Drain campaign</u>, a regional stormwater education campaign. The campaign includes television, print, internet advertising, Facebook, and Twitter to help visualize water pollution, sharing pollution prevention messages related to pet waste, motor oil, car washing, and fertilizer.

As part of the campaign, PSAs aired on a variety of TV stations throughout Northern Virginia, resulting in 1,034,052 impressions. Social media engagement and ads resulted in 625,900 impressions, 891 Clean Water Pledges, and 16,854 visits to the Only Rain Web site. During the summer of 2023, a survey was conducted of 500 northern Virginia residents to measure the effectiveness of the campaign. An average of 27 percent of the respondents recalled seeing the advertisements on TV or social media, while 54% of regional respondents recognize the Clean Water Partners Logo (70% of Arlington residents).

Of those respondents who recalled the ads, 75 percent said they were already taking action to protect water quality. Of those who made a behavior change after seeing the ad, 73 percent state they now pick up their pet waste more often, 82 percent state they plan to fertilizer fewer times per year, and 81 percent are more careful with motor oil.

Summary of Regional Stormwater Education Campaign							
Northern Virginia Clean Water Partners							
Television Ads	Television Ads						
Number of viewers reached (English and Spanish ad)	865,060						
Digital Impressions							
Number of Social Media Impressions (Facebook and Twitter)	825,685						
Engagement with social media posts	22,151						
Onlyrain.org website visits	2,256						
Annual Survey Results							
Number of residents surveyed	500						
Northern Virginia residents who know they live in the Potomac River watershed	44%						
Arlington residents who know they live in the Potomac River watershed	48%						
Survey respondents who recall seeing the Only Rain in the Storm Drain logo	60%						
Arlington residents who recall seeing the Only Rain in the Storm Drain logo	60%						
Survey respondents who recalled seeing Only Rain ads on TV or social media	23%						
Those who saw the ads made the following behavior changes:							
Pick up pet waste more often	43%						
Fertilize fewer times per year	50%						
More careful with motor oil	48%						

* Viewership numbers for TV ads can include viewers who saw the ad more than once.



Northern Virginia Rain Barrel Program

Arlington County continued to support the Northern Virginia Regional rain barrel program over the past year, including two Arlington workshops, one staffed by the County and the other by EcoAction Arlington. Over 5,000 rain barrels have been sold, with a 90 percent satisfaction rate for workshop participants.

Summary of Rain Barrel Program										
	2016	2017	2018	2019	2020	2021	2022	2023	2024	Total**
Regional Participants	211	200	200	209	20*	102*	146	200	210	4368
Regional Number of Barrels	252	223	230	210	18	120	160	221	225	5186

* Rain barrel workshops were limited in 2020-2021 due to the Covid-19 public health emergency. A few small outdoor workshops and sales were held.

**Total number of barrels includes barrels sold since the program inception in 2007.

Appendix AR12 – FY24 Employee Training

Date of Training	Training Title (Objective)	# of Participants
08/02/2023	Stormwater Pollution Prevention for APS Custodial Staff (9:00 am and 11:00 am sessions)	185
08/03/2023	Stormwater Pollution Prevention for APS Custodial Staff	56
08/21/2023	Stormwater Pollution Prevention for APS Drivers (Spill Response)	201
10/31/2023	Snow Operations Training - SW P2 / Spill Response Refresher (2 sessions)	79
11/01/2023	Snow Operations Training - SW P2 / Spill Response Refresher (2 sessions)	52
03/25/2024	DES WSS -Dechlorination of Potable and Super-chlorinated Water Training	6
03/29/2024	DES WSS -Dechlorination of Potable and Super-chlorinated Water Training	20
04/01/2024	DES WSS -Dechlorination of Potable and Super-chlorinated Water Training	5
05/07/2024	Annual Stormwater Pollution Prevention / Spill Response Training - SWB	33
05/14/2024	Annual Stormwater Pollution Prevention / Spill Response Training - WSS - Asphalt & Sewer Maintenance	21
05/14/2024	Annual Stormwater Pollution Prevention / Spill Response Training - WSS, Utility Patch & Water Maintenance	19
05/15/2024	Annual Stormwater Pollution Prevention / Spill Response Training - WSS, Street Construction & Concrete Maintenance	23
05/15/2024	Annual Stormwater Pollution Prevention / Spill Response Training - WSS, Water Maintenance & Water Distribution	5
05/16/2024	Annual Stormwater Pollution Prevention / Spill Response Training - WSS, Video Inspection & Meter Maintenance	20

Date of Training	Training Title (Objective)	# of Participants
05/16/2024	Annual Stormwater Pollution Prevention / Spill Response Training - WSS, Sewer Construction & Water Distribution	15
05/21/2024	Annual Stormwater Pollution Prevention / Spill Response Training - WSS	29
05/22/2024	Annual Stormwater Pollution Prevention / Spill Response Training - TEO	26
06/11/2024	Annual Stormwater Pollution Prevention / Spill Response Training - DPR	98
06/12/2024	Annual Stormwater Pollution Prevention / Spill Response Training - EB	18
06/12/2024	Annual Stormwater Pollution Prevention / Spill Response Training - EB	14
06/12/2024	Annual Stormwater Pollution Prevention / Spill Response Training - EB	5
06/13/2024	Annual Stormwater Pollution Prevention / Spill Response Training - Make up session	14
06/18/2024	Annual Stormwater Pollution Prevention / Spill Response Training - Make up session	4
06/20/2024	Annual Stormwater Pollution Prevention / Spill Response Training - Make up session	9
06/26/2024	Annual Stormwater Pollution Prevention / Spill Response Training - Make up session	14

Appendix AR13 - Summary FY24 Dry Weather Outfall Screening

LOCATION	OUTFALL TYPE	SCREENING DATE	FLOW CONDITION	рН	CONDUCTIVITY	TOTAL CHLORINE	AMMONIA	E. COLI	SURFACTANTS	NITRATE	NITRITE	TOTAL P	NON-CHEMICAL INDICATORS
North of Arlington Mill Residences apartment complex	18-inch circular RCP	05/22/2024	Flowing	8.05	396	0.02	0.02	6,200	<0.200	3.82	<0.0500	0.034	N/A
Between Barcroft Park and a branch office of the Virginia Department of Motor Vehicles	36-inch circular RCP	05/22/2024	Flowing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Southwest of AAAA Self Storage, 2305 South Walter Reed Drive	48-inch circular RCP	05/22/2024	Flowing	7.84	428	0.08	0.09	300	<0.200	3.30	<0.0500	0.16	N/A
Near the west edge of Shirlington Dog Park	18-inch circular CMP	05/22/2024	Flowing	7.71	476	0.05	0.02	1,000	<0.200	0.874	0.0960	0.26	N/A
Near Shirlington Dog Park	54–inch circular RCP	05/22/2024	Flowing	7.83	546	0.02	0.03	5,700	<0.200	1.12	<0.0500	0.092	N/A
Northeast of the intersection of South Arlington Mill Drive and South Taylor Street	30-inch circular RCP	05/22/2024	Flowing	7.84	2.23	0.01	0	800	<0.200	1.11	<0.0500	0.032	N/A
Near the intersection of South Arlington Mill Drive and Shirlington Road	27-inch circular RCP	05/22/2024	Wet	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Northeast of South Arlington Mill Drive; approximately 460 feet southeast of South Taylor Street	48-inch circular RCP	05/22/2024	Flowing	8.04	1,265	0.06	0.03	0	<0.200	2.08	<0.0500	0.30	Flow line
Northwest of intersection of South Arlington Mill Drive and South Quincy Street	84–inch circular RCP	05/22/2024	Flowing	8.07	797	0.16	0.25	300	<0.200	2.09	<0.0500	0.14	Green algae
Near the intersection of South Arlington Mill Drive and Campbell Drive	42-inch circular RCP	05/22/2024	Flowing	7.49	540	0.01	0.14	2,500	<0.200	2.71	0.0725	0.42	N/A
North of the intersection of South Arlington Mill Drive and South Randolph Street	30-inch circular RCP	05/22/2024	Flowing	7.33	435	0.03	0.60	9,000	<0.200	3.81	<0.0500	0.075	Suds, brown algae
South side of South Arlington Mill Drive, between South Quincy Street and South Randolph Street	27-inch circular RCP	05/22/2024	Wet	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Near the entrance to Shirlington Dog Park	15-inch circular RCP	05/22/2024	Dry	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Trash, debris, and grease bins upstream
South Four Mile Run Drive at South Oxford Street, south of Shirlington Dog Park	15-inch circular RCP	05/22/2024	Dry	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	North of Arlington Mill Residences apartment complexBetween Barcroft Park and a branch office of the Virginia Department of Motor VehiclesSouthwest of AAAA Self Storage, 2305 South Walter Reed DriveNear the west edge of Shirlington Dog ParkNear Shirlington Dog ParkNortheast of the intersection of South Arlington Mill Drive and South Taylor StreetNortheast of South Arlington Mill Drive; approximately 460 feet southeast of South Arlington Mill Drive and South Quincy StreetNorthwest of intersection of South Arlington Mill Drive and South Quincy StreetNorthwest of intersection of South Arlington Mill Drive and South Quincy StreetNorthwest of South Arlington Mill Drive; approximately 460 feet southeast of South and South Quincy StreetNorthwest of intersection of South Arlington Mill Drive and South Quincy StreetNear the intersection of South Arlington Mill Drive and South Randolph StreetSouth side of South Arlington Mill Drive, between South Quincy Street and South Randolph StreetNear the 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Notes: The units for test results are milligrams per liter, except for Temperature (degrees Fahrenheit), Escherichia coli (colonies: most probable number per 100 milliliters), and pH.

BDL = Below Detection Limit or not evident.

N/A = Not Applicable. RCP = reinforced concrete pipe.

CMP = corrugated metal pipe. Wet = conditions did not have sufficient flow for sampling.

Appendix AR14 - Summary FY24 Dry Weather Facilities Screening

Facility / Establishment	Street Name	Insp. Date	Direct on site structural connection to MS4	Structure Type(s)	Structure screened?	DW Flow?	Cloudy / Discolored	Foam/Suds	Sheen	Odor	Total Chlorine (ppm)	Ammonia (ppm)	Evidence of ID ?	Follow- up Needed?	Letter Sent / Referral	lssue(s) resolved
Arlington Forest Shopping Center	1st Street N	03/08/2024	Yes	CB, G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
23rd St S / S Eads St Alley (Young Chow, CC Restaurant, Kabob Palace)	23rd Street S / 2315 S Eads St	05/01/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
First Choice Auto Body Flemings	31st St S	06/11/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Shirlington Village E of S Randolph	Campbell Avenue / S Randolph St	06/05/2024	Yes	G, CB	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Shirlington Village W of S Randolph	Campbell Avenue / S Randolph St	06/05/2024	Yes	CBs	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Arlington Village Center	Columbia Pike	04/16/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes	Yes
Arlington Heights Property	Columbia Pike	06/05/2024	Yes	СВ	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes	Yes
Carters BP Station/Car Wash	Columbia Pike	06/05/2024	Yes	СВ	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes	Yes
Gelman Arlington Shopping Center	Columbia Pike	04/16/2024	Yes	СВ	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes	Yes
Bangkok 54/Boru Ramen	Columbia Pike	04/16/2024	Yes	СВ	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Metro Motor Liberty	Columbia Pike	04/16/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Audi Arlington (wash area)	Columbia Pike	04/16/2024	Yes	СВ	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
7-11/Exxon Gas Station	Langston Blvd	03/01/2024	Yes	CBs	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Lee Hwy Plaza	Langston Blvd	03/01/2024	Yes	СВ	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Garden City Shopping Center	Langston Blvd	05/22/2024	Yes	СВ	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Koons Arlington Toyota/D&P (washing)	Cherry Hill Rd	04/30/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Lee Harrison Shopping Center	N Harrison Street	05/22/2024	Yes	CB, G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Buckingham Shopping Center 1 NW	N Pershing Drive	04/09/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Williamsburg Shopping Center 2	N Sycamore Street	04/09/2024	Yes	С	N/A	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Exxon Gas Station	Richmond Hwy	05/01/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Enterprise Shirlington VPDES	S Arlington Mill Drive	06/05/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
S Barcroft complex	S Four Mile Run Drive	03/11/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
7 11 / Mobil	S Four Mile Run Drive	03/11/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Mr. Wash Car Wash	S Four Mile Run Drive, B	03/11/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Mr. Tire	S Four Mile Run Drive	03/11/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Giant Food	S Glebe Road	04/08/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Arna Valley Exxon Gas Station	S Glebe Road	04/08/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Exxon Gas Station	S Glebe Road	04/16/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Midas	S Glebe Road	04/16/2024	Yes	G	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
7-11	S Glebe Road	04/08/2024	Yes	СВ	Yes	No	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A

Facility / Establishment	Street Name	Insp. Date	Direct on site structural connection to MS4	Structure Type(s)	Structure screened?	DW Flow?	Cloudy / Discolored	Foam/Suds	Sheen	Odor	Total Chlorine (ppm)	Ammonia (ppm)	Evidence of ID ?	Follow- up Needed?	Letter Sent / Referral	lssue(s) resolved
The Muddy Mutt	S Oxford Street	03/11/2024	Yes	СВ	Yes	N	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Shirlington Shell	S Quincy Street	06/05/2024	Yes	CB	Yes	Y	N/A	N/A	N/A	N/A	N/A	N/A	No	No	No	N/A
Westover Village Shopping Center	Washington Blvd	04/09/2024	Yes	G, CB	Yes	N	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes	Yes
Westover Village Shops	Washington Blvd	04/09/2024	Yes	СВ	N/A	N	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes	In progress

G = Grate Inlet CB = Catch Basin

N/A = non-applicable

Appendix AR15 - Summary FY24 Wet Weather Monitoring

Outfall ID Closest Location	Date and Weather Conditions at time of sampling	Date and ~start time of preceding storm event	Rain (")	<i>E. coli</i> (MPN/ 100ml)	TPH (mg/L)	рН	Spec. Conductivity (µS/cm)	Surfactants as MBAs (mg/L)	Temp (°C)	Zinc (mg/L)	Cd (mg/L)	Cu (mg/L)	Lead (mg/L)	Hardness	NH₃ (mg/L)	Nitrate / Nitrite (mg/L)	COD (mg/L)	Total P (mg/L)	TKN (mg/L)	TSS (mg/L)	Floatables
Outfall 17217 S Dinwiddie St	09/22-24 /2023 (1 st Quarter) Overcast / rain	9/17/2023 10:015 am	1.73	*	*	6.5 ^c	107 ^c	<0.2	*	0.089	<0.01	<0.02	<0.02	22	<0.2	1.04	79	0.09	<1.0	2.2	Plastic bag, plastic pieces, miscellaneous pieces of paper and polystyrene foam (packaging peanuts, cigarette butts, bottle caps, pieces of glass, organic debris (leaves, sticks), bed load material
Outfall 21131 S Randolph St Shirlington	09/22-24/2023 (1 st Quarter) Overcast / rain	9/17/2023 10:15 am	1.73	*	*	6.2 ^c	279 ^c	<0.2	*	0.061	<0.01	<0.02	<0.02	70	<0.2	2.28	120	0.12	<1.0	7.3	Pieces of plastic, cigarette butts, pieces of paper, organic material (leaves, sticks, feathers), bed load
Outfall 20280** S Walter Reed Dr & S FMR Dr	11/21/2023 (2 nd Quarter) Overcast / rain	11/10/2023 5:30 am	2.4	5794	<5.0	8.0 ^G 6.0 ^C	543 ^G 63.1 ^C	Not analyzed due to lab changes and schedule	55.0	0.051	<0.01	<0.02	<0.02	17	<0.20	0.676	73	0.14	<1.0	11	Floatables net pulled free and was damaged during sampling event. Floatables retained included a piece of plastic, pieces of paper, polystyrene beads, organic material
Outfall 21131 S Randolph St Shirlington	11/21/2023 (2 nd Quarter) Overcast / rain	11/10/2023 5:30 am	2.4	17329	<5.0	7.8 ^G 6.0 ^C	348 ^G 77.5 ^C	Not analyzed due to lab changes and schedule	58.2	0.12	<0.01	<0.02	<0.02	20	0.66	0.502	130	0.4	2.53	31	Plastic pieces, cigarette ends, pieces of paper, organic material
Outfall 20280 S Walter Reed Dr & S FMR Dr	02/28/2024 (3 rd Quarter) Overcast / rain	2/13/2024 12:15 am	0.38	4611	<5.0	7.4 ^G 7.43 ^c	1954 ^G 570 ^C	0.27	57.6	0.058	<0.01	<0.02	<0.02	58	0.24	1.72	53	0.21	<1.0	30	High and low density plastic pieces, cigarette ends, paper, polystyrene foam, organic debris
Outfall 21131 S Randolph St Shirlington	02/28/2024 (3 rd Quarter) Overcast / rain	2/13/2024 12:15 am	0.38	24,196	<5.0	7.4 ^G 7.4 ^c	863 ^G 610 ^C	<1.00	58.8	0.15	<0.01	0.022	<0.02	56	2.2	1.1	94	0.41	4.48	110	High and low density plastic pieces, cigarette ends, paper, polystyrene foam, feathers, organic debris
Outfall 20280 S Walter Reed Dr & S FMR Dr	06/24/2024 (4 th Quarter) Overcast / rain	06/06/2024 10:20 am	0.43	*	*	6.0 ^c	164.9 ^c	0.589	*	0.69	<0.01	0.021	<0.02	120	0.63	0.776	94	0.12	1.84	16	High and low density plastic pieces, cigarette ends, pieces of paper, polystyrene foam, feathers, organic debris
Outfall 21131 S Randolph St Shirlington	06/26/2024 (4 th Quarter) Overcast / rain	06/06/2024 10:20 am	0.43	*	*	6.3 ^c	132.4 ^c	0.48	*	0.18	<0.01	0.022	<0.02	29	0.55	1.07	98	0.22	2.82	11	High and low density plastic pieces, cigarette ends, pieces of paper, polystyrene foam, feathers, organic debris

A value shown in **bold** indicates a level exceeding the program water quality criterion recommended by the Center for Watershed Protection *Not able to obtain first flush samples due to timing of storm event and related safety concerns. **Screening location changed for 2nd quarter due to safety and access concerns at previous outfall location

^c – result from composite sample, not first flush

^G – grab sample, first flush

Appendix AR16 - FY24 Bacteria Monitoring Summary

Arlington monitors bacteria at 21 sites (Table 1). A map of the sites is available online at https://www.arlingtonva.us/Government/Programs/Sustainability-and-Environment/Streams/Bacteria

Upper Four Mile Run	Lower Four Mile Run
FMR1, FMR2, FMR3, FMR4, FMR5	FMR6, FMR7, FMR8, FMR9, FMR10
Four Mile Run Tributaries	Potomac Drainages
LBR1, LBR2, LBR3, ULB1, DB1, LLB1	GB1, DR1, DR2, WR1, LP1

Table 1: Bacteria Monitoring Site Groups

Since 2013, the bacteria monitoring program has followed a DEQ-approved Quality Assurance Project Plan (QAPP), available online at <u>https://www.arlingtonva.us/Government/Programs/Sustainability-and-</u> <u>Environment/Streams/News-Bacteria-Monitors</u>. Annual volunteer recertification is required, including a test. Data from prior years is not comparable. In FY23, global supply chain issues led to a scarcity of Coliscan product and resulted in temporary usage of <u>E. coli R-Card tests</u>, created by the inventor of Coliscan.

Arlington posts summary *E. coli* bacteria information and data online, with graphs reflecting typical seasonal and rainfall-driven conditions. This baseline data helps the public make recreational decisions: https://www.arlingtonva.us/Government/Programs/Sustainability-and-Environment/Streams/Bacteria

Overview

The bacteria monitoring program had 98% coverage of its sites in FY 2024, with 248 out of 252 samples taken. Due to defective Coliscan product that did not include the coloring agents, six July and 14 August samples were not usable. Previous issues with Coliscan affecting samples were documented in the County's letter to DEQ from 4/13/2023. In the future, it would be helpful to be able to use alternative equivalent or comparable methods.

Water Quality Standard Exceedances and Average Concentrations FY13-24

Of the 228 usable samples in FY24, 38% (87 samples) exceeded the primary contact recreation water quality standard (WQS) of 235 *E. coli* colony-forming units per 100 ml (CFU/100 ml). The secondary contact recreation water quality standard of 1173 CFU/100 ml was exceeded in 10% (23) of the samples.

	FY											
	13	14	15	16	17	18	19	20	21	22	23	24
Primary Exceedances												
(Number)	74	94	51	65	64	60	89	74	57	90	95	87
Primary Exceedances												
(% of Total Samples)	37%	38%	20%	26%	25%	25%	36%	30%	23%	36%	40%	38%
Secondary Exceedances												
(Number)	29	23	5	13	15	16	22	5	9	11	9	23
Secondary Exceedances (%												
of Total Samples)	14%	9%	2%	5%	6%	7%	9%	2%	4%	4%	4%	10%
Total Usable Samples	201	245	252	252	252	238	247	250	251	251	240	228

Table 2: Comparison of FY13-24 primary and secondary exceedances. Note that there were fewer sites in FY13-14.

Swimming is considered a primary contact activity, and secondary contact recreation includes kayaking and fishing. The secondary contact standard, even if not applicable to Arlington streams, allows the County to evaluate the suitability of our streams for these activities. The County's guidance recommends limiting contact to secondary contact activities. See Table 2 for primary and secondary exceedances from FY 2013 – FY 2024.

Precipitation Relationships

Stormwater runoff may carry sediment, pet waste, wildlife waste, and bacteria to the streams, particularly in urban watersheds like those in Arlington. We continue to see a correlation between 3-day rainfall levels and *E. coli*. Since samples are collected once a month on a fixed schedule, larger rainfall events and higher corresponding *E. coli* levels are subject to inherent variability from year to year. In FY2024, two of the twelve monitoring dates had 3-day rainfall totals of 0.5 inches or more. The unusually high average *E. coli* concentrations in July were preceded by 1.4 inches of rain.

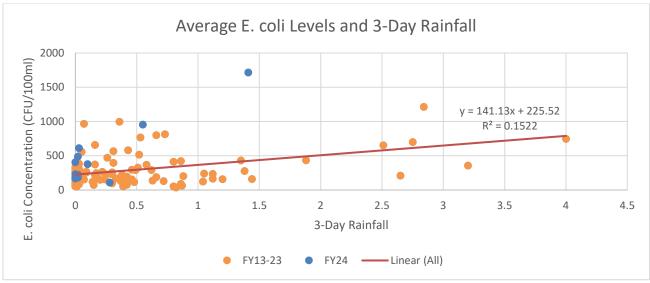
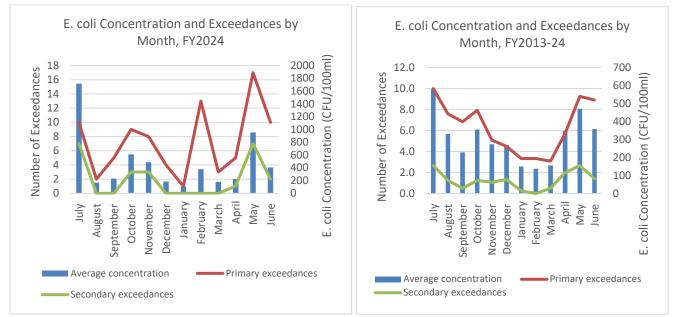


Figure 1: Average E. coli concentrations with 3-day rainfall totals. The E. coli concentrations represent the average of all 21 monitoring sites.

Colder Months, Fewer Exceedances

More Arlington water quality standard exceedances tend to occur during warm-weather months (Figures 2 and 3). Colder temperatures do not encourage bacterial growth and dog walking activities likely decrease along the stream valleys during the winter. Schueler (2000) notes that fecal coliform bacteria, of which *E. coli* is a subset, are typically at lower levels in winter months.



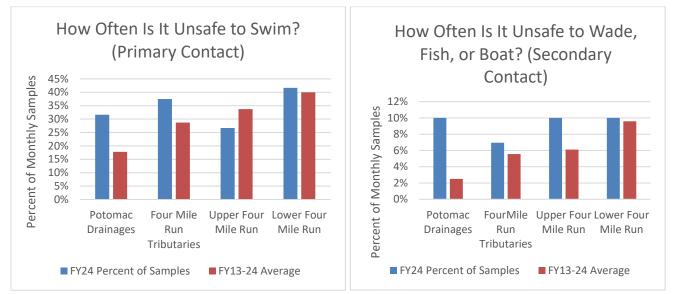
Figures 2 and 3: Primary and secondary water quality standard exceedances by month, FY13-24 and FY24 averages

Site Group Results

For the purposes of this analysis, the 21 sites can be broken into four groups: the Potomac drainages, Four Mile Run tributaries, upper Four Mile Run, and lower Four Mile Run.

- Potomac drainage sites: Gulf Branch, Donaldson Run, Windy Run, Little Pimmit Run
- Four Mile Run tributary sites: Lubber Run, Upper Long Branch, Doctor's Branch, Lower Long Branch
- Upper Four Mile Run sites: From Banneker Park to upper Glencarlyn Park
- Lower Four Mile Run sites: From Glencarlyn Park (downstream of the dog park) to Mount Vernon Ave.

Figures 4 and 5 show water quality standard exceedance averages for each group. While Potomac drainage FY24 exceedances were higher relative to FY13-24 averages, the results were otherwise similar. This data supports the County's decision to recommend residents restrict stream usage to secondary contact activities.



Figures 4 and 5: Frequency of water quality standard site exceedances expressed as a percentage of monthly samples. Results represent site group averages.

Site Specific Results

Individual site data are shown in Figure 6 and Table 3. Arlington County recommends residents <u>limit stream</u> <u>usage to secondary contact activities</u>.

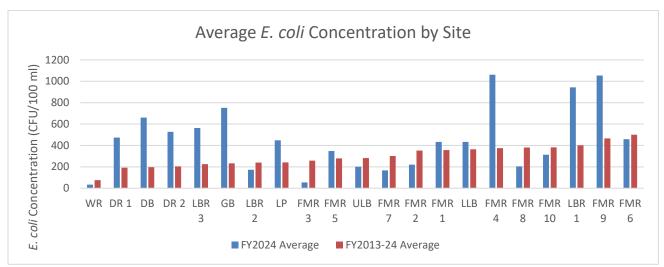


Figure 6: Average E. coli concentrations in colony-forming units per 100ml (CFU/100ml). Sorted by FY2013-24 average.

Site Location	Site	Unsafe to Swim FY 24	Unsafe to Wade, Fish, Boat FY 24	Unsafe to Swim FY 13-24	Unsafe to Wade, Fish, Boat FY 13-24
Windy Run	WR 1	0%	0%	5%	1%
Donaldson Run upstream	DR 1	18%	18%	13%	4%
Lubber Run at Woodlawn Park	LBR 2	18%	0%	19%	5%
Four Mile Run (Glencarlyn, upstream of dog park)	FMR 5	20%	20%	20%	8%
Lubber Run Park	LBR 3	58%	8%	22%	4%
Donaldson Run downstream	DR 2	36%	18%	23%	3%
Doctor's Branch (Alcova Heights Park)	DB 1	40%	20%	24%	1%
Little Pimmit Run	LP 1	50%	8%	26%	4%
Gulf Branch	GB 1	64%	9%	27%	2%
Four Mile Run (S Arlington Mill Dr)	FMR 7	18%	0%	30%	7%
Four Mile Run (Bon Air Park)	FMR 3	0%	0%	32%	3%
Upper Long Branch (Glencarlyn Park)	ULB 1	27%	0%	35%	6%
Four Mile Run (Barcroft)	FMR 8	27%	0%	35%	8%
Lubber Run at Woodlawn Park	LBR 1	55%	18%	37%	10%
Four Mile Run (N Sycamore St)	FMR 2	17%	0%	40%	7%
Four Mile Run (Bluemont Park/N Carlin Springs Rd)	FMR 4	75%	25%	40%	8%
Four Mile Run (Shirlington dog park)	FMR 9	90%	50%	42%	12%
Lower Long Branch (Troy Park)	LLB 1	45%	0%	42%	8%
Four Mile Run (Banneker Park)	FMR 1	30%	10%	43%	6%
Four Mile Run at Mount Vernon Ave bridge	FMR 10	45%	0%	44%	9%
Four Mile Run (Glencarlyn, downstream of dog park)	FMR 6	55%	9%	54%	13%

Table 3: Frequency of E. coli water quality standard exceedances expressed as a percentage of monthly samples.Sorted by frequency of primary exceedances (FY2013-24).

Sewer Relining Data

Approximately 60 percent of Arlington County's 470 miles of sanitary sewer system was placed before the 1950s. For the last 25 years, the County has used cure-in-place pipe to reline sanitary sewer mains to prevent and repair cracks and leaks. Typically, 2% of the sanitary pipes are relined each year. The work is prioritized based on video inspections of the pipes throughout the county, condition, area focus, and stream crossings.

Fiscal Year	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY20	FY 21	FY 22	FY 23	FY 24	Total	Total Arlington	Percentage of Sanitary Mains
Linear Feet	61,003	62,379	56,074	74,647	76,095	93,883	106,575	98,830	74,936	87,841	51,872	844,135	County Sanitary Mains	Relined FY14 - FY24
Miles	11.5	11.8	10.6	14.1	14.4	17.8	20.2	18.7	14.133	16.64	9.82	159.69	465 miles	34.34%

Table 4: Sanitary Sewer Relining Data

From FY14-24, approximately 160 miles of additional sewer main relining was completed, with 51,872 linear feet lined in FY24. County analysis shows that approximately 71.6% of county-maintained sanitary pipes have been relined to date. Based on our data, there does not appear to be a close relationship by site between relining and *E. coli* levels, although preventing sanitary sewer leaks is beneficial to reducing bacteria levels.

Long Term Trend Analysis

Bacteria data collected once per month is inherently variable. Collecting samples on the same day each month facilitates comparison between sites but may skew data if collection dates occur after heavy rainfall. Results to date do not show strong long-term trends (Figure 7).

DEQ also has monitoring locations within our watersheds. One monitoring site is in Arlington – 1APIM000.15 Pimmit Run. Two sites are in Alexandria – 1AFOU000.19 Potomac River embayment estuary sampling, and 1AFOU001.92 Four Mile Run. These sites are not co-located with existing Arlington monitoring sites, use a different testing method than Arlington County, and are not collected with the same regularity as Arlington data. DEQ's sampling occurs less frequently (typically 3 to 6 samples per year per site). DEQ's data are not collected within the same month year-to-year, or at the same time of the month from month-to-month. Due to the differences between the sampling programs, the DEQ data are not included with this trend analysis.

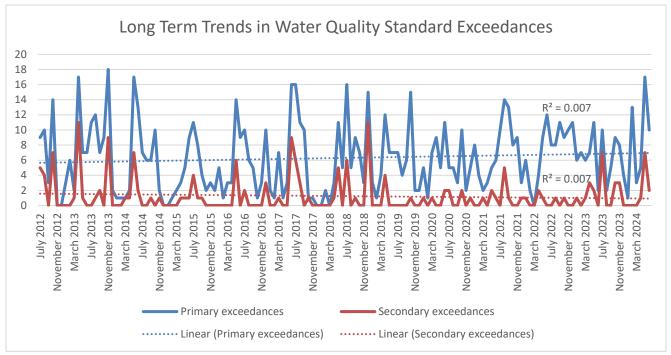


Figure 7: Monthly water quality standard exceedances of 21 sites, FY2013-24.

Summary

The bacteria monitoring program had 98% coverage of its sites in FY 2024. Of the 228 usable samples in FY24, 38% (87 samples) exceeded the primary contact recreation water quality standard (WQS) of 235 *E. coli* colony forming units per 100 ml (CFU/100 ml). The secondary contact recreation water quality standard of 1173 CFU/100 ml was exceeded in 10% (23) of the samples. These data support the County's recommendations to restrict usage of the streams to secondary contact activities.

As in previous years, precipitation was correlated with *E. coli* levels and number of exceedances, along with seasonal patterns with lower levels in winter months. Upper Four Mile Run had the lowest *E. coli* levels, followed by the Potomac drainages and Four Mile Run tributaries. Lower Four Mile Run had the highest *E. coli* levels and most water quality standard exceedances overall.

It is not surprising that the Lower Four Mile Run stations see the highest *E. coli* levels and most exceedances. Four Mile Run drains the largest area, roughly two thirds of Arlington, and the watershed includes portions of Falls Church, Fairfax County and Alexandria. Within Arlington's borders, there are also three dog parks that are located immediately upstream of Four Mile Run stations FMR 2, FMR 6 and FMR 9. Numerous factors play a role in the survivability of bacteria, including sunlight, temperature, soil and moisture conditions, and settling. Schueler (2000) shows that bacteria may not simply die off within a few days but instead may settle out of the water column and continue to thrive for variable periods of time in the bottom sediments of urban streams, catch basins, ditches and drains, curb sediments, moist soils, and leaf piles. According to U.S. EPA, harmful bacteria can survive in sediments for up to several months. It is possible that the relationship between bacteria levels during and following rain events may be partially the result of the resuspension of existing bacteria instead of the addition of bacteria.

Schueler goes on to say that "Researchers have occasionally correlated bacteria levels with factors such as rainfall, rainfall intensity, antecedent rainfall, turbidity and suspended solids within individual urban watersheds. Few of these relationships, however, appear to be transferable from one watershed to another." It was further noted in the article that impervious cover does not appear to have a direct relation to fecal coliform levels.

Studies that only quantify *E. coli* do not indicate the source of the bacteria and if it is considered a controllable, anthropogenic (human or dog) source. Hybridized *E. coli* found in the storm sewer network and *E. coli* from wildlife, while contributing to the quantity of *E. coli*, are not considered controllable sources and are not the focus of the efforts detailed in TMDL Action Plans.

As Arlington's monitoring program continues to mature, we anticipate ongoing variability in further study of this indicator organism, but hope that our implementation of green infrastructure, street sweeping, sewer relining, public outreach, and other pollution-reducing practices will keep *E. coli* bacteria levels in check.

References:

Schueler, T. 2000. Microbes in Urban Watersheds: Concentrations, Sources, & Pathways: The Practice of Watershed Protection. Center for Watershed Protection, Ellicott City, MD. Pages 74-84

U.S. Environmental Protection Agency. 2001. *Protocol for Developing Pathogen TMDLs*. EPA 841-R-00-002. Office of Water (4503F), United States Environmental Protection Agency, Washington, DC. 132 pp.

Appendix AR17 - FY24 Biological Monitoring Summary

Arlington's macroinvertebrate monitoring program is executed by volunteers at nine monitoring locations around the County, plus one reference site in Clifton (see Table 1).

- The program is **permitted** through the Virginia Department of Game and Inland Fisheries (DGIF).
- **Macroinvertebrate data** are provided to DGIF and posted to the <u>Arlington MS4 permit page</u> on an annual basis.
- **Monitoring protocol** is based on EPA's Rapid Bioassessment Protocol 2 and <u>posted on the County website</u>.
- Sites are monitored in the spring, summer and fall, during the same five-week period each year.
- Monitors collect macroinvertebrates, pH, and temperature. <u>Photos of the monitoring reaches</u> show habitat conditions.

Macroinvertebrate Sampling Stations Donaldson Run at Zachary Taylor Park Windy Run Gulf Branch Little Pimmit Run Four Mile Run at Benjamin Banneker Park Four Mile Run at Bluemont Park Lubber Run Upper Long Branch at Glencarlyn Park Four Mile Run at Barcroft Park Margaret's Creek, Reference Site at Webb Nature Sanctuary, Clifton, VA

 Table 1. Summary of macroinvertebrate

 monitoring stations

FY24 Sampling

The Arlington <u>protocol</u> requires that site teams collect 100 (+/- 10%) organisms three times a year. In FY2024, all 10 sites were monitored in the summer, fall, and spring. In FY24, the summer monitoring at Lubber Run did not meet the collection requirement due to low macroinvertebrate abundance. Subsequent seasons at that site did reach the required levels.

Stream Monitor Training

Staff continue to recruit new volunteers and offer volunteer training opportunities. An Access database tracks volunteers, trainings and hours. Volunteer training opportunities and descriptions are included in Table 2.

Introduction to Stream Monitoring. Gain an understanding of Arlington's program and macroinvertebrates found in Arlington streams. This training is required for program participation.

Online Identification Training. Review key characteristics needed for positive streamside identification of Arlington macroinvertebrates to the order and family level. Macroinvertebrate orders included: Ephemeroptera, Trichoptera, Diptera, Odonata, Hirudinea, Oligochaeta, Tricladida, Isopoda, and Amphipoda.

Open Lab. Improve observation and identification skills of common macroinvertebrates of Arlington streams using preserved samples. Improve familiarity with macroinvertebrate body parts important for identification using microscopes and preserved samples.

Arlington Macroinvertebrate Communities. Online Training. Arlington macroinvertebrate taxonomy to the order and family level with both common and scientific names. Life cycles, adult stage, and tolerance values.

Master Identifier Certification Test. Master Identifiers (MIs) take this test to certify their mastery of the material. It is open book, with preserved bugs identified using hand lenses and microscopes. MIs are the primary identifiers streamside and record data for the program.

Team Leader and Master Identifier Training. On an annual basis, team leaders and master identifiers come together prior to the start of the spring season to review the protocol and key identification challenges. Other monitors may also attend, especially long-term and experienced monitors.

Table 2: Volunteer Training Opportunities and Descriptions

Results and Analysis

Arlington uses several metrics to evaluate macroinvertebrate populations based on monitor-collected data. Family Biotic Index measures sensitivity and tolerance to stressors such as water quality, stream flashiness, or poor habitat. Average number of taxa (ANT) and effective number of taxa (ENT) are measures of diversity or richness. The dominant taxa are also recorded.

The Arlington program and results were evaluated and corroborated by contracted professionals in 2011/2012, 2015, and 2019, and several improvements and metrics were incorporated. Due to monitoring protocol updates implemented beginning FY2014, previously collected data are not comparable.

Family Biotic Index: Tolerance Values

The **Family Biotic Index** is a measure of the pollution tolerance of the macroinvertebrates found. The values range from 0 (Excellent) to 10 (Very Poor). Lower values indicate a less pollution-tolerant (or more sensitive) macroinvertebrate community. See Figure 1 and Table 3.

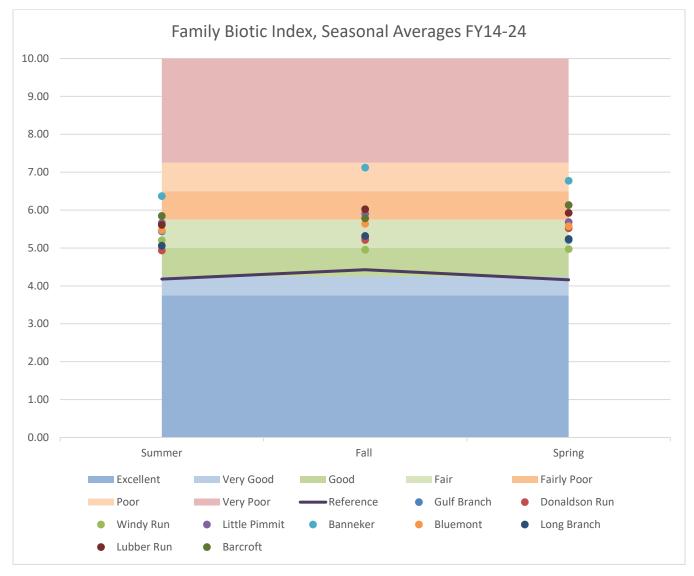


Figure 1: Seasonal average Family Biotic Index Values. Arlington site average seasonal values are plotted as points. Reference site average seasonal values are represented by the solid line. Family Biotic Index* ranges are also depicted. * Hilsenhoff, William L. 1988. Rapid Field Asessment of Organic Pollution with a Family-Level Biotic Index. Journal of the North American Benthological Society, Vol. 7, No. 1, pp. 65-68.

Site	Summer FY24	Summer FY14-24	Fall FY24	Fall FY14-24	Spring FY24	Spring FY14-24
Windy Run	7.40	5.43	7.63	5.28	5.33	5.20
Donaldson Run	5.40	4.93	4.61	5.21	5.41	5.52
Gulf Branch	6.82	5.20	7.79	4.95	6.50	4.97
Upper Long Branch	7.94	5.66	7.32	5.90	5.70	5.68
Barcroft-Four Mile Run	5.69	6.37	7.04	7.12	6.24	6.77
Bluemont-Four Mile Run	7.42	5.47	6.36	5.64	5.42	5.57
Lubber Run	4.81	5.06	5.93	5.31	5.22	5.24
Little Pimmit Run	7.73	5.61	6.54	6.02	5.96	5.92
Banneker-Four Mile Run	7.19	5.84	5.50	5.78	6.32	6.13
Reference	4.08	4.18	4.17	4.43	2.72	4.16

Table 3: Family Biotic Index FY24 and FY14-24 average values. FY2024 values were similar to FY14-24 averages.

- FY2024 results were similar to FY14-24 averages. The hot, dry summer and fall impacted some values.
- At the reference site, summer and spring tolerance values tend to be slightly lower than the fall.
- Among **Arlington** sites, spring tends to show more clustered tolerance values, with greater variation in summer and fall. Differences by season and between most Arlington sites tend to be small.
- For those groups that cannot be reliably identified down to the family-level stream-side (Amphipoda, Hirudinea, Oligochaeta, Tricladida), an average of the family tolerance values is used for that order.

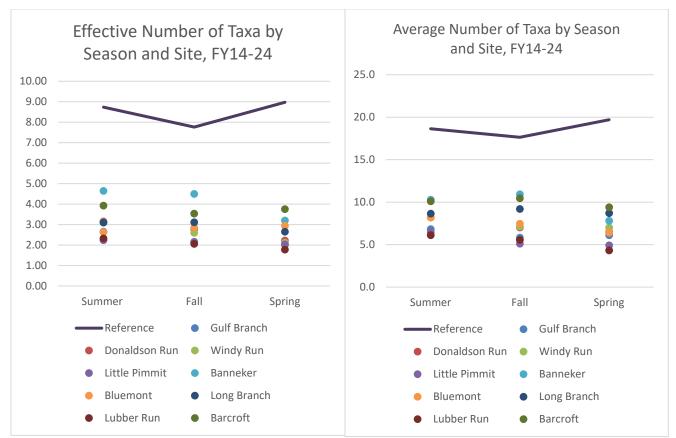
Average Number of Taxa (ANT) and Effective Number of Taxa (ENT)

Two metrics gage the biodiversity or taxa richness of the macroinvertebrate community. **Average Number of Taxa** (ANT) is based on the number of distinct macroinvertebrate families found at each monitoring. **Effective Number of Taxa** (ENT) also incorporates the abundance of each family-level taxa, based on the Gini-Simpson Index of Diversity. Higher values reflect more taxa richness and a more biodiverse sample. Neither metric provides information on pollution tolerance. See Table 4 and Figures 2 and 3.

- Overall, FY2024 values were similar to FY14-24 averages.
- Four Mile Run sites tend to have the most taxa richness in Arlington, especially Banneker and Barcroft.
- Sites with more taxa richness also tend to have more pollution tolerance in Arlington.
- Seasonal variability may be due to benthic life cycles and season-specific influences and stressors.

		Avera	ge Nui	mber of	Таха			Effecti	ve Nur	nber of	Таха	
	Summer FY24	Summer FY14-24	Fall FY24	Fall FY14-24	Spring FY24	Spring FY14-24	Summer FY24	Summer FY14-24	Fall FY24	Fall FY14-24	Spring FY24	Spring FY14-24
Gulf Branch	8	6.82	5	5.818	8	6.1	1.79	2.64	1.48	2.13	2.18	2.01
Donaldson Run	8	8.18	8	7	6	6.5	4.51	3.15	3.75	2.77	2.35	2.22
Windy Run	7	8.18	7	7.091	8	7	3.97	3.11	1.79	2.59	1.77	2.11
Little Pimmit Run	4	6.45	3	5.091	7	4.9	1.05	2.23	1.47	2.15	2.02	2.03
Banneker	11	10.27	9	10.91	7	7.8	3.74	4.64	6.06	4.49	2.37	3.19
Bluemont	8	8.18	7	7.455	5	6.4	1.59	2.62	3.38	2.85	2.03	2.94
Long Branch	9	8.64	11	9.182	7	8.7	4.55	3.09	6.84	3.11	2.57	2.65
Lubber Run	4	6.09	4	5.545	6	4.3	1.55	2.32	3.04	2.05	1.46	1.77
Barcroft	10	10.09	10	10.45	9	9.4	2.92	3.92	3.78	3.53	4.70	3.75
Reference	20	18.64	15	17.64	23	19.7	5.65	8.74	8.18	7.76	7.43	8.97

Table 4: FY24 and FY14-24 Average Number of Taxa and Effective Number of Taxa by stream site.



Figures 2 and 3: Effective and Average Number of Taxa by Season and Site. Reference site values are represented by the solid line. Arlington sites' values are plotted as points.

Dominant Taxa

The dominant taxon has the greatest abundance (largest number of individuals) out of the total sample. Lower percentages of dominance indicate a more diverse community.

- Baetidae (small minnow mayfly) is the most commonly dominant taxon in Arlington streams. From FY14-24, it was dominant in 49% of the Arlington samples.
 - The Baetid lifecycle is short, has several generations per year, and they can emerge in large populations. It is particularly dominant in wet summer and fall seasons. Tolerance value 4.
- Chironomidae (midge) is the second most commonly dominant taxon. From FY14-24, it was dominant at 26% of the Arlington sampling sessions.
 - It is particularly dominant in the spring. Even when it is not the most dominant taxon in a spring sampling, it is often a close second. Tolerance value 6.
- Hydropsychidae (netspinner caddisfly) has the third most instances of dominance. From FY14-24, it was dominant at 8% of the Arlington sampling sessions.
 - It is particularly dominant in the fall. Tolerance value 6.
- The life cycles and seasonality of these three dominant taxa are connected to the seasonal variation in Family Biotic Index and taxa richness at most Arlington sites.
- Banneker is less dominated by Baetidae and Hydropsychidae. Results show more dominance from Gastropoda (snails) and Coenagrionidae (Narrowing damselfly). Barcroft also has had instances of Gastropod and Coenagrionid dominance.
- See Table 5 for more detail.

	Baetidae	Chironomidae	Hydro- psychidae	Tricladida	Gastropoda	Coen- agrionidae	Philo- potamidae	Simuliidae
Gulf Branch	19	5	4	4	0	0	0	1
Donaldson Run	16	9	7	0	0	0	0	0
Windy Run	14	8	1	5	0	0	3	0
Little Pimmit	12	10	0	8	0	0	0	2
Banneker	3	19	2	0	5	5	0	0
Bluemont	18	4	5	5	0	0	0	0
Long Branch	28	1	1	1	0	0	1	0
Lubber Run	12	12	1	7	0	0	0	0
Barcroft	21	7	1	1	1	1	0	0
Reference*	4	4	13	0	0	0	0	0

Table 5: Instances of taxa dominance by site, FY14-2024. *Note that the reference site has also had instances of dominance of Ptilodactylidae (3), Leuctridae (2), Amphipoda (2) and others as single instances.

Habitat Assessments

Habitat assessments were conducted by a contracted professional in 2011-12, 2015 and 2019 based on EPA's Rapid Bioassessment Protocol 2. Results varied between sites and seasons, with ratings falling in the optimal to sub-optimal ranges (Figure 4). The habitat assessment confirmed that adequate habitat is available at each of our monitoring locations for macroinvertebrate communities.

Of the Arlington sites, Windy Run has typically had the most sensitive Family Biotic Index ratings and the highest habitat survey scores. In 2015 and 2019 surveys, it was found to have a wide vegetated riparian area, minimal channelization, frequent riffles, and good vegetative protection on the banks.

Habitat scores at Barcroft and Donaldson Run dropped between spring and fall 2019, likely due to sedimentation after the July 8, 2019 historic storm. Active severe erosion on Donaldson Run Tributary B contributed sediment to the monitoring reach for many years. A stream project was completed in 2022, and a later assessment showed habitat improvement.

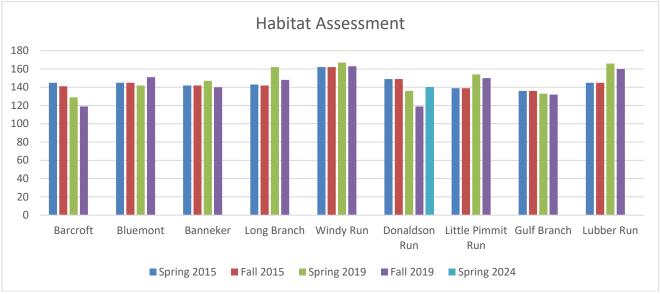
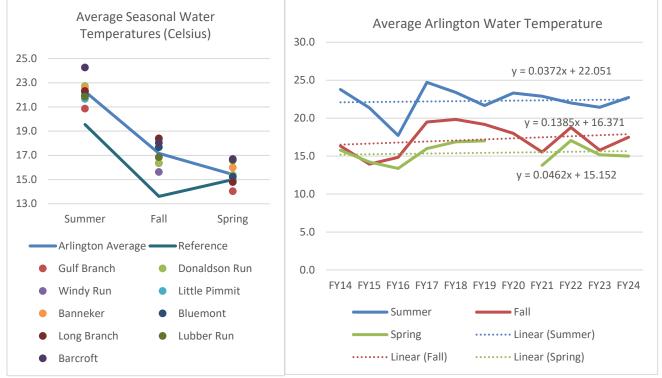


Figure 4: Habitat assessment scores

Water Temperature and pH

Volunteers also collect water temperature and pH at stream monitoring events, shown in Figures 5-7. Any unusual chemical test values are reported to the program coordinator for follow-up.



Figures 5 and 6: Water temperatures by site, season and over time

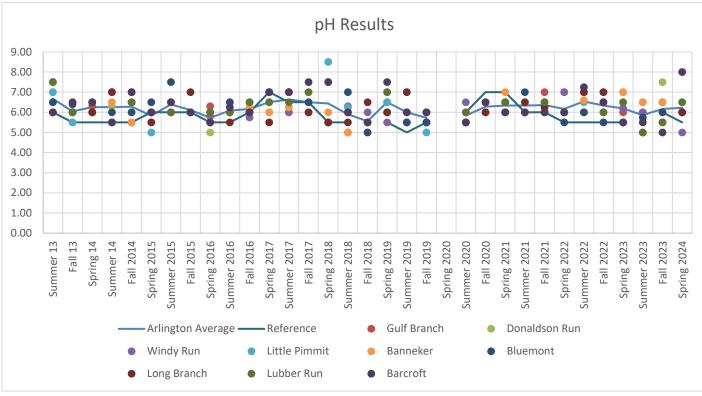


Figure 7: pH Results

Potential Trends

Seasonal patterns have been observed in Arlington stream monitoring results. In spring, Arlington sites tend to have the highest tolerance and lowest taxa richness, often dominated by Chironomidae, while the reference site does not share that pattern. Arlington's spring results may be impacted by the road treatments for winter frozen precipitation events. It seems likely that the road treatments would impact our macroinvertebrate communities in combination with other urban stressors.

Weather, historic storms, illicit discharges and other disturbance have also impacted macroinvertebrates. In the weeks following an illicit discharge or other event, monitors may have difficulty reaching the required number of organisms. In subsequent seasons, streams appear to recover to the previously observed patterns.

Hot, dry summer or fall seasons, or drought conditions, can also impact the macroinvertebrate communities. Several streams have varying dominance in summer and fall between Planera and Baetids, which seems to be correlated with weather patterns, though statistical tests have not been conducted.

We also expect Arlington streams to be impacted by their urban watersheds. Many of Arlington's original stream segments have been enclosed in pipes. Arlington has an overall impervious cover of 42%. The watershed imperviousness for our monitoring sites ranges from 28% to 49%. Sites with smaller drainage areas and lower imperviousness often see a more sensitive Family Biotic Index (Table 7). However, the few sensitive mayfly and caddisfly taxa found in Arlington are often those that are more resilient and can repopulate quickly after disturbance.

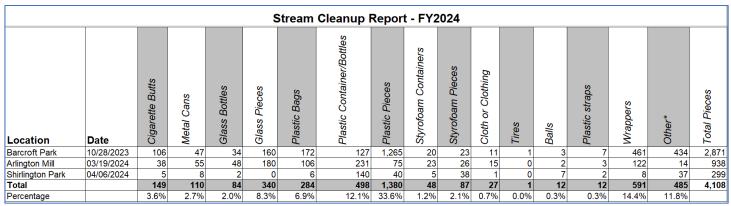
Overall, high-impervious watersheds, "flashy" streams, and episodic nonpoint source pollution are likely key sources of stress in Arlington streams. The macroinvertebrate monitoring program data and analysis provide a window into Arlington stream communities' resilience and help inform stormwater programs.

Site	Drainage Area (mi ²)	% Impervious
Donaldson Run	0.37	28%
Windy Run	0.45	38%
Gulf Branch	0.66	30%
Long Branch	1.27	42%
Banneker	1.34	31%
Lubber Run	1.44	49%
Little Pimmit Run	1.48	37%
Bluemont	4.37	36%
Barcroft	10.75	41%

Table 7: Drainage Area, Percent Impervious

Appendix AR18 - FY24 Floatables Monitoring Summary

A summary of results for monitoring at three sampling sites, a section of Four Mile Run in Barcroft Park, a section of Four Mile Run by Arlington Mill, and a section of Four Mile Run by Shirlington Park, in FY24 is shown below.



Additional types of trash collected not listed above include face masks, turf pellets, electric scooters, trash bags, rubber gloves, wipes, bottle caps, diaper, pieces of metal, tobacco products, footwear, electronic waste, foam packaging pieces.

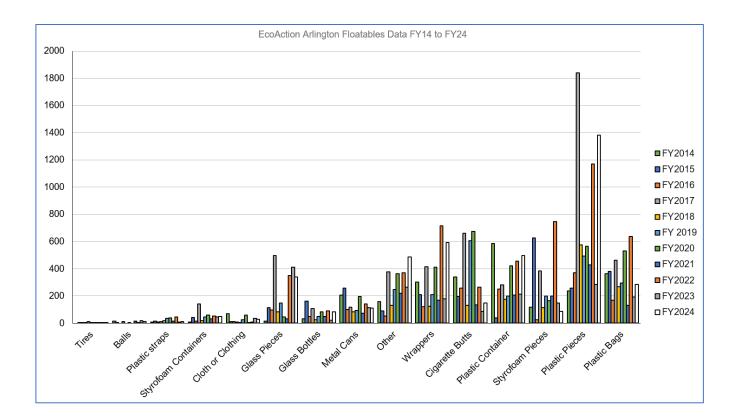
Data for FY14 through FY24 are provided in the table and graphs below.

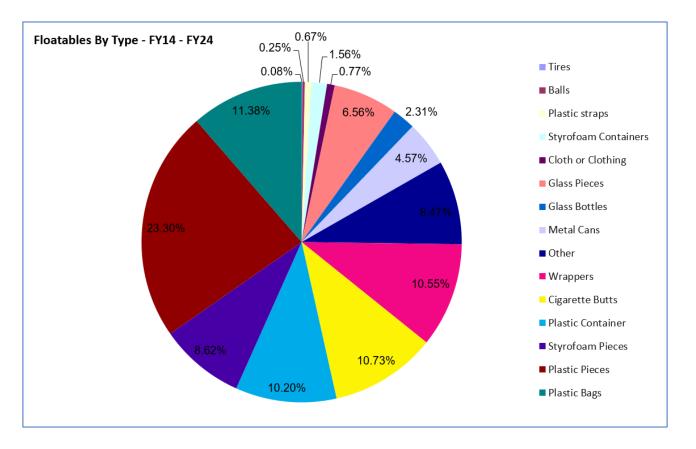
More trash items were observed and collected in FY24 compared to FY23, primarily as a result of more plastic pieces being collected. Plastic pieces, plastic bags, plastic containers, and wrappers continue to be the predominant types of trash observed and collected. These categories represent more than 55 percent of the total pieces collected from FY14 through FY24, with plastic pieces compromising the largest percentage of trash (see pie chart below). The data continue to be quite variable from year to year as shown in the table and chart below. Sampling variation by volunteers and rainfall prior to sampling also likely to affect the results.

Pieces FY2016 FY2014 FY2015 FY2017 FY2018 FY2021 FY2020 FY2022 FY2023 FY2024 Total 눈 0.08% Tires Balls 0.25% 0.67% Plastic straps Styrofoam Containers 1.56% Cloth or Clothing 0.77% Glass Pieces 2,138 6.56% Glass Bottles 2.31% Metal Cans 1,489 4.57% Other 2,761 8.47% 3,441 10.55% Wrappers Cigarette Butts 3,499 10.73% Plastic Container 3,327 10.20% Styrofoam Pieces 8.62% 2,811 Plastic Pieces 1,839 1,169 1,380 7,599 23.30% Plastic Bags 3,712 11.38% Total Pieces 2,453 2,408 1,520 5,303 1,763 2,655 3,618 1,707 5,049 2,028 4,108 32,612 100.00%

Types and number of pieces of trash collected from FY14 through FY24.

Percentage





In FY24, floatables found during wet weather monitoring were similar to those found during clean-up events. Floatables observed during these screenings included cigarette ends, plastic bags, plastic wrappers associated with food packaging, pieces of plastic, paper, polystyrene foam pieces, and organic materials. There was no significant change between type and quantity of materials collected in FY24 versus samples obtained during FY23 screening efforts.

The County installed two structural trash controls devices as part of the Ballston Pond Retrofit Project to capture floatables coming into the facility via the storm drain network, surface runoff, Lubber Run and littering. In January 2023, a trash rack and baffles at the outflow were installed. In May 2023, a manufactured trash capture system (WaterGoat Trash Barrier) was installed to capture floatables that enter the facility. The trash rack and beaver baffles capture trash / debris that enters the facility from outside the main inlet or that bypasses the WaterGoat. More than 45 large trash bags of trash and larger pieces of debris have been removed from the facility since it was completed. The predominant types of trash removed from the facility include plastic bottles, plastic bags, wrappers, packaging materials, aluminum cans, plastic and paper cups, balls, pieces of foam, plastic pieces, papers, straws, and cigarettes.

The County has strong overall litter and recycling programs that aim to reduce floatables at their source, including <u>public and private refuse and recycling</u> collection efforts, along with street sweeping in commercial areas, catch basin cleaning, stormwater retrofits, pollution prevention training, public education and outreach, storm drain marking, and other measures. The County continues to assess these programs and looks for opportunities to expand existing actions and controls.

The County's Solid Waste Bureau oversees the Solid Waste Management Plan, which serves as the road map for recycling waste reduction activities in the County. The County promotes ways to <u>reduce waste</u> at businesses. The County requires commercial and multi-family dwellings to have <u>trash and recycling</u> plans. Properties are inspected on an annual basis to identify issues and educate people.

The County has a number of programs and facilities for residents to use to recycle or dispose of trash. <u>Recycling drop off sites</u> (cardboard, glass) are available on the north and south sides of the County. Trash and recycling receptacles are situated around County facilities and parks. Residents can <u>schedule pick up</u> services for brush, metal and appliances, and electronics. The County also offers drop off services for food waste and other household appliances, scrap metal, and electronics.

Annual inspections of outdoor areas at commercial and municipal facilities can also identify areas where trash and litter may be a problem. Staff work with respective property managers and owners when necessary to address issues such as litter, overflowing trash cans, and lack of waste receptacles.

Both the resident and daytime population of Arlington have been growing substantially over the past several years, and trash generation and littering is an indicator of the impacts of these population increases. Human behavior is difficult to control. Keeping pace with these increases and their impacts and the resources needed will continue to be challenging in the years to come.

	CAR19 FY24 L sus Import ID	ist of SWMF in GCP Datal Tracking ID			Clearinghouse	BMP Name	Measurement Name
				I	BMP		
PASS	860319	ARLCO-2023-00666680	69941	05/04/2023		Proprietary Stormwater Treatment Device	Area Treated
PASS	860320	ARLCO-2023-00666681	69942	05/04/2023		Proprietary Stormwater Treatment Device	Area Treated
PASS	860321	ARLCO-2022-00666610	69943	08/09/2021		Green Roofs	Area Treated
PASS PASS	860322 860324	ARLCO-2020-00666629 ARLCO-2017-00666561	70816 19643	01/01/2020 05/01/2017		Infiltration Practices Proprietary Stormwater Treatment Device	Area Treated Area Treated
PASS	860324	ARLCO-2017-00666562	19043 19644	05/01/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS	860326	ARLCO-2017-00666563	19645	05/01/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS	860327	ARLCO-2017-00666564	19646	05/01/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS	860328	ARLCO-2017-00666565	19647	05/01/2017	BO	Proprietary Stormwater Treatment Device	Area Treated
PASS	860329	ARLCO-2017-00666566	19648	05/01/2017	во	Proprietary Stormwater Treatment Device	Area Treated
PASS	860416	ARLCO-2015-00666786	18581	04/11/2015		Proprietary Stormwater Treatment Device	Area Treated
PASS	860417	ARLCO-2015-00666787	18582	04/11/2015		Proprietary Stormwater Treatment Device	Area Treated
PASS	860313	ARLCO-2016-00666780	6901	09/01/2015		Proprietary Stormwater Treatment Device	Area Treated Area Treated
PASS PASS	860423 860315	ARLCO-2017-00666568 ARLCO-2015-00666783	12861 6863	07/19/2016 03/16/2015		Proprietary Stormwater Treatment Device Proprietary Stormwater Treatment Device	Area Treated Area Treated
PASS	860315	ARLCO-2015-00666784	6864	03/16/2015		Proprietary Stormwater Treatment Device	Area Treated
PASS	860317	ARLCO-2015-00666785	6866	03/16/2015		Proprietary Stormwater Treatment Device	Area Treated
PASS	860252	ARLCO-2021-00666713	72001	08/17/2020		Bioretention	Area Treated
PASS	860253	ARLCO-2021-00666713	72001	08/17/2020	CBB	Bioretention	Area Treated
PASS	860254	ARLCO-2021-00666715	72002	08/17/2020	CBB	Bioretention	Area Treated
PASS	860255	ARLCO-2021-00666715	72002	08/17/2020		Bioretention	Area Treated
PASS	860424	ARLCO-2019-00666776	24285	09/14/2018		Proprietary Stormwater Treatment Device	Area Treated
PASS	860257	ARLCO-2019-00666772	23343	12/11/2018		Proprietary Stormwater Treatment Device	Area Treated
PASS PASS	860258 860420	ARLCO-2019-00666773 ARLCO-2016-00666781	23344 14224	12/11/2018 09/03/2015		Proprietary Stormwater Treatment Device Proprietary Stormwater Treatment Device	Area Treated Area Treated
PASS	860421	ARLCO-2016-00666782	14224	08/27/2015		Proprietary Stormwater Treatment Device	Area Treated
PASS	860422	ARLCO-2015-00666788	14230	11/06/2014		Proprietary Stormwater Treatment Device	Area Treated
PASS	860415	ARLCO-2017-00666567	6841	11/01/2016		Proprietary Stormwater Treatment Device	Area Treated
PASS	860199	ARLCO-2017-00666557	9821	04/25/2017	СО	Proprietary Stormwater Treatment Device	Area Treated
PASS	860200	ARLCO-2017-00666558	9822	04/25/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS	860323	ARLCO-2017-00666560	8821	07/28/2016		Proprietary Stormwater Treatment Device	Area Treated
PASS	860249	ARLCO-2018-00666553	14221	07/01/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS PASS	860250 860251	ARLCO-2018-00666554 ARLCO-2018-00666555	14222 14223	07/01/2017 07/01/2017		Proprietary Stormwater Treatment Device Proprietary Stormwater Treatment Device	Area Treated Area Treated
PASS	860231	ARLCO-2018-00666556	20361	12/11/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS	860249	ARLCO-2018-00666553	14221	07/01/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS	860250	ARLCO-2018-00666554	14222	07/01/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS	860251	ARLCO-2018-00666555	14223	07/01/2017	со	Proprietary Stormwater Treatment Device	Area Treated
PASS	860206	ARLCO-2023-00666645	72218	04/07/2023	BB1	Bioretention	Area Treated
PASS	860207	ARLCO-2023-00666646	72219	04/07/2023		Bioretention	Area Treated
PASS	860448	ARLCO-2017-00666569	17781	05/26/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS	860449 860450	ARLCO-2017-00666570	17782	05/26/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS PASS	860450 860451	ARLCO-2017-00666571 ARLCO-2017-00666572	17783 17786	05/26/2017 05/26/2017		Proprietary Stormwater Treatment Device Proprietary Stormwater Treatment Device	Area Treated Area Treated
PASS	860256	ARLCO-2017-00666559	19662	05/01/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS	860225	ARLCO-2019-00666771	71385	09/01/2018		Green Roofs	Area Treated
PASS	860287	ARLCO-2016-00666777	17841	04/28/2016		Proprietary Stormwater Treatment Device	Area Treated
PASS	860288	ARLCO-2016-00666778	17861	04/20/2016	во	Proprietary Stormwater Treatment Device	Area Treated
PASS	860289	ARLCO-2016-00666779	17862	04/28/2016		Proprietary Stormwater Treatment Device	Area Treated
PASS	860198	ARLCO-2018-00666552	19387	12/18/2017		Proprietary Stormwater Treatment Device	Area Treated
PASS PASS	860330 860331	ARLCO-2020-00666630 ARLCO-2020-00666631	71420 71421	02/01/2020 02/01/2020		Bioretention Bioretention	Area Treated Area Treated
PASS	860332	ARLCO-2020-006666631	71421	02/01/2020		Bioretention	Area Treated
PASS	860333	ARLCO-2020-00666633	71423	02/01/2020		Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain
PASS	860334	ARLCO-2020-00666634	71424	02/01/2020		Proprietary Stormwater Treatment Device	Area Treated
PASS	860418	ARLCO-2021-00666754	45701	02/01/2021	во	Proprietary Stormwater Treatment Device	Area Treated
PASS	860419	ARLCO-2021-00666755	45702	02/01/2021		Proprietary Stormwater Treatment Device	Area Treated
PASS	860411	ARLCO-2020-00666642	39761	09/14/2019		Proprietary Stormwater Treatment Device	Area Treated
PASS	860412	ARLCO-2020-00666643	39762	09/14/2019		Proprietary Stormwater Treatment Device	Area Treated
PASS PASS	860393 860394	ARLCO-2020-00666636 ARLCO-2020-00666636	71387 71387	07/01/2019 07/01/2019		Proprietary Stormwater Treatment Device Proprietary Stormwater Treatment Device	Area Treated Area Treated
PASS	860374	ARLCO-2020-00666635	70003	07/09/2019		Proprietary Stormwater Treatment Device	Area Treated
PASS	860413	ARLCO-2020-00666644	39601	11/26/2019		Proprietary Stormwater Treatment Device	Area Treated
PASS	860204	ARLCO-2020-00666620	40773	05/01/2020	во	Proprietary Stormwater Treatment Device	Area Treated
PASS	860205	ARLCO-2020-00666621	40774	05/01/2020		Proprietary Stormwater Treatment Device	Area Treated
PASS	860318	ARLCO-2019-00666774	33901	12/27/2018		Proprietary Stormwater Treatment Device	Area Treated
PASS PASS	860247 860248	ARLCO-2021-00666711 ARLCO-2021-00666712	71388 71389	12/01/2020 05/24/2021		Bioretention Bioretention	Area Treated Area Treated
PASS	860248 860290	ARLCO-2021-00666712 ARLCO-2020-006666625	71389 71390	05/24/2021		Bioretention	Area Treated Area Treated
PASS	860290	ARLCO-2020-00060625	71390	06/03/2020		Bioretention	Area Treated
PASS	860292	ARLCO-2020-00666627	71391	06/03/2020		Proprietary Stormwater Treatment Device	Area Treated
PASS	860293	ARLCO-2020-00666627	71391	06/03/2020	во	Proprietary Stormwater Treatment Device	Area Treated
PASS	860208	ARLCO-2021-00666697	69944	07/06/2020	BB1	Bioretention	Area Treated
PASS	860209	ARLCO-2021-00666698	69945	07/06/2020	BVR2	Green Roofs	Area Treated
PASS	860210	ARLCO-2021-00666699	69946	07/06/2020		Green Roofs	Area Treated
PASS	860211 860212	ARLCO-2020-00666622	69947	03/13/2020		Proprietary Stormwater Treatment Device	Area Treated
PASS PASS	860212 860433	ARLCO-2020-00666623 ARLCO-2021-00666756	69948 64717	06/03/2020 10/01/2020		Proprietary Stormwater Treatment Device Bioretention	Area Treated Area Treated
PASS	860433 860434	ARLCO-2021-00666756 ARLCO-2021-00666757	64717 64718	10/01/2020		Bioretention	Area Treated Area Treated
PASS	860434	ARLCO-2021-00666758	64718 64719	10/01/2020		Bioretention	Area Treated
PASS	860436	ARLCO-2021-00666759	64720	10/01/2020		Bioretention	Area Treated
PASS	860437	ARLCO-2021-00666760	64721	10/01/2020		Bioretention	Area Treated
PASS	860438	ARLCO-2021-00666761	64722	10/01/2020		Bioretention	Area Treated
PASS	860439	ARLCO-2021-00666762	64723	10/01/2020		Bioretention	Area Treated
PASS	860440 860441	ARLCO-2021-00666763	64724 64725	10/01/2020		Bioretention	Area Treated
PASS	860441 860442	ARLCO-2021-00666764	64725 64726	10/01/2020		Bioretention Bioretention	Area Treated
PASS PASS	860442 860443	ARLCO-2021-00666765 ARLCO-2021-00666766	64726 64727	10/01/2020 10/01/2020		Bioretention Green Roofs	Area Treated Area Treated
PASS	860443	ARLCO-2021-00066767	64728	10/01/2020		Green Roofs	Area Treated
PASS	860445	ARLCO-2021-00666768	64729	10/01/2020		Green Roofs	Area Treated
PASS	860446	ARLCO-2021-00666769	64730	10/01/2020		Green Roofs	Area Treated

Appendix AR19 FY24 List of SWMF in GCP Database

Measureme nt Unit		cres Trea		Locality FIPS HUC12	VAHU6	Latitude	Longitude	Existing Land Use	MS4 Servio Area	e Ownership Type	Maintenance Agreement	Facility Name	Replace with
ACRE	0.03	0.03	ВО	51013 020700100301	PL25	38.844800	-77.051100)				VAR10E847	Being replace this year with 18-1064
ACRE	0.04	0.04	BO	51013 020700100301	PL25	38.844800	-77.051100)				VAR10E847	Being replace this year with 18-1064
ACRE	0.07	0.07	BVR1	51013 020700100301	PL25	38.844800	-77.051100)				VAR10E847	Being replace this year with 18-1064
ACRE	0.76	0.4	CI1	51013 020700100301	PL25		-77.089000					VAR10D423	Being replace this year with 10-1113
ACRE	0.6	0.2	BO	51013 020700100301	PL25) -77.112500					VAR100327	ARLCO-2015-00277010
ACRE	0.5	0.3	BO	51013 020700100301	PL25) -77.112300					VAR100327	ARLCO-2015-00277011
ACRE ACRE	0.2 0.2	0.1 0.2	BO	51013 020700100301 51013 020700100301	PL25 PL25) -77.110200) -77.110100					VAR100327 VAR100327	ARLCO-2015-00277013 ARLCO-2015-00277015
ACRE	0.2	0.2	BO BO	51013 020700100301	PL25 PL25) -77.110100					VAR100327 VAR100327	ARLCO-2015-00277013 ARLCO-2015-00277014
ACRE	0.1	0.1	BO	51013 020700100301	PL25) -77.111200					VAR100327 VAR100327	ARLCO-2015-00277014 ARLCO-2015-00277007
ACRE	0.5	0.4	co	51013 020700100301	PL25) -77.109400					VAR100327	ARLCO-2016-00269060
ACRE	0.6	0.4	CO	51013 020700100301	PL25		-77.108900					VAR100261	ARLCO-2016-00269061
ACRE	0.6	0.4	СО	51013 020700100301	PL25	38.861300	-77.086300)				VAR100228	ARLCO-2016-00269062
ACRE	0.9	0.6	CO	51013 020700100301	PL25	38.885200	-77.126300)				VAR100209	ARLCO-2017-00370323
ACRE	1.7	0.9	CO	51013 020700100103	PL24) -77.102200					VAR100206	Detention Only FAIL
ACRE	1.6	0.7	CO	51013 020700100103	PL24		-77.101900					VAR100206	Detention Only FAIL
ACRE	0.4	0.1	CO	51013 020700100103	PL24	38.883000) -77.101800)				VAR100206	ARLCO-2015-00269056
ACRE	0.76 0.76	0.26 0.26	CBB CBB	51013 020700100103 51013 020700100301	PL24 PL25							VAR10C605 VAR10C605	Being replace with this year with 12-
ACRE ACRE	0.78	0.28	СВВ	51013 020700100301	PL25 PL24							VAR10C605 VAR10C605	Duplicate record Being replace with this year with 12-
ACRE	0.73	0.42	СВВ	51013 020700100301	PL25							VAR10C605	Duplicate record
ACRE	0.2	0.2	BO	51013 020700100301	PL25	38.880500	-77.132600)				VAR100277	ARLCO-2019-00250150
ACRE	0.1	0.1	BO	51013 020700100103	PL24		-77.055600					VAR10C359	ARLCO-2018-00323720, ARLCO-201
ACRE	1.8	1.8	BO	51013 020700100103	PL24							VAR10C359	ARLCO-2018-00269090,ARLCO-2018
ACRE	0.1	0.1	СО	51013 020700100103	PL24	38.909100	-77.146300)				VAR10D066	ARLCO-2015-00277016
ACRE	0.2	0.2	CO	51013 020700100103	PL24) -77.149200					VAR10D066	ARLCO-2015-00277016 - Fail belong
ACRE	0.7	0.7	CO	51013 020700100103	PL24) -77.145900					VAR10D066	ARLCO-2015-00277017 - Fail belong
ACRE	0.9	0.7	CO	51013 020700100103) -77.074500						ARLCO-2017-00078865
ACRE	0.1	0.1	CO	51013 020700100103) -77.104000					VAR10D309	ARLCO-2017-00033458,ARLCO-2017
ACRE	0.6 0.2	0.5 0.2	CO CO	51013 020700100103	PL24 PL24		-77.104000					VAR10D309 VAR10D297	ARLCO-2017-00033459,ARLCO-2017 ARLCO-2017-00323707, ARLCO-201
ACRE ACRE	0.2	0.2	co	51013 020700100103 51013 020700100301	PL24 PL25) -77.059700) -77.053600					VAR10D297 VAR10D848	ARLCO-2017-00325707, ARLCO-201 ARLCO-2018-00269094
ACRE	0.3	0.3	со	51013 020700100301	PL25) -77.053600					VAR10D848 VAR10D848	ARLCO-2018-00269094 ARLCO-2018-00269095
ACRE	0.2	0.2	CO	51013 020700100301	PL25		-77.053600					VAR10D848	ARLCO-2018-00269096
ACRE	0.8	0.3	BO	51013 020700100301	PL25		-77.116500					VAR10G542	ARLCO-2019-00250151
ACRE	0.3	0.3	СО	51013 020700100301	PL25	38.845900	-77.053600)				VAR10D848	street improvement no bmp's
ACRE	0.8	0.7	СО	51013 020700100301	PL25	38.845900	-77.053600)				VAR10D848	street improvement no bmp's
ACRE	0.2	0.2	CO	51013 020700100301	PL25	38.845900	-77.053600)				VAR10D848	street improvement no bmp's
ACRE	0.18	0.07	BB1	51013 020700100103	PL24		-77.085000					VAR10Q603	ARLCO-2023-00558482
ACRE	0.29	0.13	BB1	51013 020700100103	PL24) -77.085800					VAR10Q603	ARLCO-2023-00558483
ACRE	0.3	0.3	BO	51013 020700100301	PL25) -77.106200					VAR10E409	linear project no bmp's
ACRE	0.3	0.3	BO	51013 020700100301	PL25) -77.106000					VAR10E409	linear project no bmp's
ACRE ACRE	0.1 0.4	0.1 0.3	BO BO	51013 020700100301 51013 020700100301	PL25 PL25) -77.106000) -77.106000					VAR10E409 VAR10E409	linear project no bmp's linear project no bmp's
ACRE	1.9	0.8	BO	51013 020700100301	PL25) -77.146200					VAR10C409 VAR10G946	APS project not a county project
ACRE	0.42	0.42	BVR2	51013 020700100103	PL24		-77.056200					VAR10D533	ARLCO-2022-00489863 to ARLCO-20
ACRE	0.5	0.3	BO	51013 020700100301	PL25		-77.074300					VAR10H506	ARLCO-2018-00370346
ACRE	2.1	1.7	во	51013 020700100301	PL25	38.863000	-77.074000)				VAR10H506	ARLCO-2018-00269097
ACRE	1.7	1.3	BO	51013 020700100301	PL25	38.862000	-77.074000)				VAR10H506	ARLCO-2018-00269098
ACRE	0.4	0.4	BO	51013 020700100103	PL24) -77.079200					VAR10H883	ARLCO-2019-00370345
ACRE	0.24	0.24	BB1	51013 020700100103	PL24		-77.079300					VAR10H588	In series with ARLCO-2021-0036975
ACRE	0.18	0.18	BB1	51013 020700100103	PL24) -77.079300					VAR10H588	In series with ARLCO-2021-0036975
ACRE	0.06	0.06	BB1	51013 020700100103	PL24) -77.079300					VAR10H588	ARLCO-2021-00369753
rain ACRE ACRE	0.03 0.84	0.03 0.84	BPP1 BO	51013 020700100103 51013 020700100103	PL24 PL24) -77.079300) -77.079300					VAR10H588 VAR10H588	ARLCO-2021-00369754 ARLCO-2021-00369755
ACRE	1.52	1.35	BO	51013 02070010010301	PL24 PL25) -77.083500					VAR101588 VAR101579	ARLCO-2022-00489887
ACRE	1.52	1.35	BO	51013 020700100301	PL25) -77.083500					VAR101579	in series with ARLCO-2022-0048988
ACRE	0.97	0.79	BO	51013 020700100301	PL25		-77.130000					VAR10M400	ARLCO-2020-00323729
ACRE	0.97	0.79	во	51013 020700100301	PL25	38.880000	-77.130000)				VAR10M400	ARLCO-2020-00323730
ACRE	0.18	0.18	CO	51013 020700100103	PL24							VAR101822	Project does have Proprietary Storm
ACRE	0.18	0.18	CO	51013 020700100301	PL25							VAR101822	Duplicate record
ACRE	0.92	0.92	BO	51013 020700100301	PL25		-77.094000					VAR10J130	ARLCO-2020-00323750
ACRE	2.39	2.39	BO	51013 020700100301	PL25) -77.102000					VAR10J534	ARLCO-2021-00369801
ACRE ACRE	0.55 2.17	0.55 2.17	BO BO	51013 020700100301 51013 020700100301	PL25 PL25) -77.113800) -77.113800					VAR10J194 VAR10J194	ARLCO-2021-00369807 ARLCO-2021-00369807
ACRE	0.48	0.48	BO	51013 020700100301	PL23) -77.105300					VAR10J194 VAR10I914	ARLCO-2020-00370375
ACRE	0.92	0.23	BB2	51013 020700100103	PL24) -77.113200					VAR10J209	ARLCO-2022-00489915
ACRE	0.36	0.19	BB2	51013 020700100103	PL24		-77.113200					VAR10J209	ARLCO-2022-00489916
ACRE	0.03	0.03	BB1	51013 020700100103	PL24							VAR10K526	In Series with ARLCO-2021-0036984
ACRE	0.03	0.03	BB1	51013 020700100301	PL25							VAR10K526	Duplicate record
ACRE	0.48	0.48	BO	51013 020700100103	PL24							VAR10K526	ARLCO-2021-00369848
ACRE	0.48	0.48	BO	51013 020700100301	PL25							VAR10K526	Duplicate record
ACRE	0.1	0.1	BB1	51013 020700100301	PL25) -77.068300					VAR10K844	ARLCO-2021-00369856
ACRE	0.05	0.05	BVR2	51013 020700100301	PL25) -77.068300					VAR10K844 VAR10K844	ARLCO-2021-00369857
ACRE ACRE	0.04 0.97	0.04 0.78	BVR2 BO	51013 020700100301 51013 020700100301	PL25 PL25) -77.068300) -77.068300					VAR10K844 VAR10K844	ARLCO-2021-00369858 ARLCO-2021-00369859
ACRE	0.34	0.34	BO	51013 020700100301	PL25) -77.068300					VAR10K844	ARLCO-2021-00369860
ACRE	0.1	0.09	BUB	51013 020700100103	PL24) -77.112800					VAR10K044 VAR10L081	APS project not a county project
ACRE	0.04	0.03	BUB	51013 020700100103	PL24		-77.112800					VAR10L081	APS project not a county project
ACRE	0.14	0.14	BUB	51013 020700100103	PL24		-77.112800					VAR10L081	APS project not a county project
ACRE	0.04	0.04	BUB	51013 020700100103	PL24		-77.112100					VAR10L081	APS project not a county project
ACRE	0.23	0.2	BB2	51013 020700100103	PL24		-77.111700					VAR10L081	APS project not a county project
ACRE	0.08	0.07	BB2	51013 020700100103	PL24) -77.111500					VAR10L081	APS project not a county project
ACRE	0.3	0.15	BB1	51013 020700100103	PL24) -77.111000					VAR10L081	APS project not a county project
ACRE ACRE	0.61 0.65	0 0.36	BB1 BB1	51013 020700100103 51013 020700100103	PL24 PL24) -77.110900) -77.112600					VAR10L081 VAR10L081	APS project not a county project
ACRE	0.65	0.36	BB1 BB2	51013 020700100103	PL24 PL24) -77.112600					VARIOLO81 VAR10L081	APS project not a county project APS project not a county project
ACRE	0.58	0.29	BVR2	51013 020700100103	PL24 PL24) -77.110200					VAR10L081 VAR10L081	APS project not a county project APS project not a county project
ACRE	0.05	0.05	BVR2	51013 020700100103	PL24) -77.112600					VAR10L081	APS project not a county project
ACRE	0.03	0.03	BVR2	51013 020700100103	PL24		-77.112600					VAR10L081	APS project not a county project
ACRE	0.02	0.02	BVR2	51013 020700100103	PL24	38.899600	-77.112600)				VAR10L081	APS project not a county project

E847 Being replace this year with 18-1064AA E847 Being replace this year with 18-1064BB E847 Being replace this year with 18-1064A to 18-0064Z D423 Being replace this year with 10-1113A 0327 ARLCO-2015-00277010 0327 ARLCO-2015-00277011 0327 ARLCO-2015-00277013 0327 ARLCO-2015-00277015 0327 ARLCO-2015-00277014 0327 ARLCO-2015-00277007 0261 ARLCO-2016-00269060 0261 ARLCO-2016-00269061 0228 ARLCO-2016-00269062 0209 ARLCO-2017-00370323 0206 Detention Only FAIL 0206 Detention Only FAIL 0206 ARLCO-2015-00269056 C605 Being replace with this year with 12-1203A C605 Duplicate record C605 Being replace with this year with 12-1203B C605 Duplicate record 0277 ARLCO-2019-00250150 C359 ARLCO-2018-00323720, ARLCO-2018-00323721, ARLCO-2018-00089895-ARLCO-2018-00089475 C359 ARLCO-2018-00269090,ARLCO-2018-00269091 D066 ARLCO-2015-00277016 D066 ARLCO-2015-00277016 - Fail belong to ASP D066 ARLCO-2015-00277017 - Fail belong to ASP D543 ARLCO-2017-00078865 D309 ARLCO-2017-00033458,ARLCO-2017-00033460 D309 ARLCO-2017-00033459,ARLCO-2017-00033461 D297 ARLCO-2017-00323707, ARLCO-2017-00033466,ARLCO-2017-00033467, ARLCO-2017-00269076 D848 ARLCO-2018-00269094 D848 ARLCO-2018-00269095 D848 ARLCO-2018-00269096 G542 ARLCO-2019-00250151 D848 street improvement no bmp's D848 street improvement no bmp's D848 street improvement no bmp's Q603 ARLCO-2023-00558482 Q603 ARLCO-2023-00558483 E409 linear project no bmp's G946 APS project not a county project D533 ARLCO-2022-00489863 to ARLCO-2022-00489886 H506 ARLCO-2018-00370346 H506 ARLCO-2018-00269097 H506 ARLCO-2018-00269098 H883 ARLCO-2019-00370345 H588 In series with ARLCO-2021-00369753 H588 In series with ARLCO-2021-00369753 H588 ARLCO-2021-00369753 H588 ARLCO-2021-00369754 H588 ARLCO-2021-00369755 I579 ARLCO-2022-00489887 in series with ARLCO-2022-00489887 M400 ARLCO-2020-00323729 M400 ARLCO-2020-00323730 01822 Project does have Proprietary Stormwater Treatment Device)I822 Duplicate record J130 ARLCO-2020-00323750 J534 ARLCO-2021-00369801 J194 ARLCO-2021-00369807 J194 ARLCO-2021-00369807 I914 ARLCO-2020-00370375 J209 ARLCO-2022-00489915 J209 ARLCO-2022-00489916 K526 In Series with ARLCO-2021-00369848 0K526 Duplicate record K526 ARLCO-2021-00369848 K526 Duplicate record K844 ARLCO-2021-00369856 K844 ARLCO-2021-00369857 K844 ARLCO-2021-00369858 K844 ARLCO-2021-00369859 K844 ARLCO-2021-00369860 LO81 APS project not a county project LO81 APS project not a county project

PASS	860447	ARLCO-2021-00666770	64732	10/01/2020 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	3.76	1.04	BO	51013 020700100103 F	PL24	38.900200 -77.110800
PASS	860414	ARLCO-2019-00666775	39922	04/30/2019 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.52	0.29	BO	51013 020700100301 F	PL25	38.868000 -77.095700
PASS	860425	ARLCO-2022-00666612	71392	10/29/2021 BVR2	Green Roofs	Area Treated	ACRE	0.13	0.13	BVR2	51013 020700100103 F	PL24	38.894900 -77.076100
PASS	860426	ARLCO-2022-00666613	71393	11/16/2021 BB1	Bioretention	Area Treated	ACRE	0.7	0.7	BB1	51013 020700100103 F	PL24	38.894900 -77.076100
PASS	860427	ARLCO-2022-00666614	71394	10/29/2021 BVR2	Green Roofs	Area Treated	ACRE	0.05	0.05	BVR2	51013 020700100103 F	PL24	38.894900 -77.076100
PASS	860428	ARLCO-2022-00666615	71395	11/16/2021 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100103 H	PL24	38.894900 -77.076100
PASS	860429	ARLCO-2022-00666616	71396	10/29/2021 BVR2	Green Roofs	Area Treated	ACRE	0.16	0.16	BVR2	51013 020700100103 H		38.894900 -77.076100
PASS	860430	ARLCO-2022-00666617	71397	11/16/2021 BB1	Bioretention	Area Treated	ACRE	0.16	0.16	BB1	51013 020700100103 F		38.894900 -77.076100
PASS	860431	ARLCO-2022-00666618	71398	11/16/2021 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.3	0.3	BO	51013 020700100103 H		38.894900 -77.076100
PASS	860432	ARLCO-2022-00666619	71399	11/16/2021 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.11	0.11	BO	51013 020700100103 F		38.894900 -77.076100
PASS	860375	ARLCO-2021-00666744	71435	03/30/2021 BB1	Bioretention	Area Treated	ACRE	0.49	0.46	BB1	51013 020700100103		38.895700 -77.078000
PASS	860376	ARLCO-2021-00666745	71436	03/30/2021 BVR2	Green Roofs	Area Treated	ACRE	0.14	0.14	BVR2	51013 020700100103		38.895700 -77.078000
PASS	860377	ARLCO-2021-00666746	71437	03/30/2021 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.05	0.05	BO	51013 020700100103		38.895700 -77.078000
PASS	860395	ARLCO-2021-00666747	71438	05/26/2021 BVR1	Green Roofs	Area Treated	ACRE	0.01	0.01	BVR1	51013 020700100301		38.873100 -77.114000
PASS	860396	ARLCO-2021-00666748 ARLCO-2021-00666749	71439 71440	05/26/2021 BVR1 05/26/2021 BVR1	Green Roofs	Area Treated Area Treated	ACRE ACRE	0.01	0.01 0.05	BVR1 BVR1	51013 020700100301 F 51013 020700100301 F		38.872800 -77.114600 38.873100 -77.114800
PASS PASS	860397 860398	ARLCO-2021-00666749 ARLCO-2021-00666750	71440	05/26/2021 BVR1	Green Roofs Green Roofs	Area Treated	ACRE	0.05 0.01	0.03	BVR1	51013 020700100301 F		38.873300 -77.114800
PASS		ARLCO-2021-00666750 ARLCO-2021-00666751	71441	05/26/2021 BVR1		Area Treated	ACRE		1.9		51013 020700100301 F		38.873100 -77.114800
PASS	860399 860400	ARLCO-2021-00666751 ARLCO-2022-006666611	71442	10/11/2021 BD	Bioretention Proprietary Stormwater Treatment Device	Area Treated	ACRE	2.12 1.25	1.9	BB1 BO	51013 020700100301 F		38.873500 -77.113100
PASS	860400 860407	ARLCO-2022-006666638	69914	05/08/2020 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain	ACRE	0.09	0.09	BO BPP1	51013 020700100301 F		38.871100 -77.142900
PASS	860408	ARLCO-2020-00666639	69915	05/08/2020 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain	ACRE	0.13	0.13	BPP1 BPP1	51013 020700100301		38.871000 -77.142900
PASS	860409	ARLCO-2020-006666640	69916	06/04/2020 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.63	0.63	BO	51013 020700100301		38.871200 -77.143300
PASS	860410	ARLCO-2020-00666641	69917	06/15/2020 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.85	0.85	BO	51013 020700100301		38.871200 -77.143100
PASS	860201	ARLCO-2022-00666573	51621	12/17/2021 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.39	0.39	BO	51013 020700100103		38.926200 -77.126900
PASS	860202	ARLCO-2022-00666574	51622	12/09/2021 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.39	0.39	BO	51013 020700100103		38.926200 -77.126900
PASS	860349	ARLCO-2021-00666719	69978	03/01/2021 BVR2	Green Roofs	Area Treated	ACRE	0.03	0.03	BVR2	51013 020700100103		38.886900 -77.097000
PASS	860350	ARLCO-2021-00666720	69979	03/01/2021 BVR2	Green Roofs	Area Treated	ACRE	0.07	0.07	BVR2	51013 020700100103		38.886900 -77.097400
PASS	860351	ARLCO-2021-00666721	69980	02/15/2021 BVR2	Green Roofs	Area Treated	ACRE	0.07	0.07	BVR2	51013 020700100103 F		38.887200 -77.097100
PASS	860352	ARLCO-2021-00666722	69981	03/01/2021 BVR2	Green Roofs	Area Treated	ACRE	0.01	0.01	BVR2	51013 020700100103	PL24	38.886800 -77.097400
PASS	860353	ARLCO-2021-00666723	69982	03/01/2021 BVR2	Green Roofs	Area Treated	ACRE	0.01	0.01	BVR2	51013 020700100103 F	PL24	38.886800 -77.097300
PASS	860354	ARLCO-2021-00666724	69983	03/01/2021 BVR2	Green Roofs	Area Treated	ACRE	0.01	0.01	BVR2	51013 020700100103 F	PL24	38.887000 -77.097100
PASS	860355	ARLCO-2021-00666725	69984	03/01/2021 BVR2	Green Roofs	Area Treated	ACRE	0.01	0.01	BVR2	51013 020700100103 H	PL24	38.887100 -77.097000
PASS	860356	ARLCO-2021-00666726	69985	03/01/2021 BVR2	Green Roofs	Area Treated	ACRE	0.01	0.01	BVR2	51013 020700100103 F	PL24	38.887100 -77.097000
PASS	860357	ARLCO-2021-00666727	69986	02/15/2021 BVR2	Green Roofs	Area Treated	ACRE	0.01	0.01	BVR2	51013 020700100103 F	PL24	38.887100 -77.097800
PASS	860358	ARLCO-2021-00666728	69987	02/15/2021 BVR2	Green Roofs	Area Treated	ACRE	0.01	0.01	BVR2	51013 020700100103 F		38.887200 -77.097800
PASS	860359	ARLCO-2021-00666729	69988	02/15/2021 BVR2	Green Roofs	Area Treated	ACRE	0.03	0.03	BVR2	51013 020700100103 F		38.887400 -77.097700
PASS	860360	ARLCO-2021-00666730	69989	02/15/2021 BVR2	Green Roofs	Area Treated	ACRE	0.07	0.07	BVR2	51013 020700100103 F		38.887500 -77.097400
PASS	860361	ARLCO-2021-00666731	69990	02/15/2021 BVR2	Green Roofs	Area Treated	ACRE	0.02	0.02	BVR2	51013 020700100103 H		38.887300 -77.097700
PASS	860362	ARLCO-2021-00666732	69991	01/16/2021 BB1	Bioretention	Area Treated	ACRE	0.03	0.03	BB1	51013 020700100103 H		38.886700 -77.097300
PASS	860363	ARLCO-2021-00666733	69992	01/20/2021 BB1	Bioretention	Area Treated	ACRE	0.03	0.03	BB1	51013 020700100103 F		38.886800 -77.097400
PASS	860364	ARLCO-2021-00666734	69993	11/20/2020 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100103		38.887000 -77.097800
PASS	860365	ARLCO-2021-00666735	69994	11/24/2020 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100103		38.887100 -77.097800
PASS	860366	ARLCO-2021-00666736	69995	11/16/2020 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100103		38.887100 -77.097900
PASS	860367	ARLCO-2021-00666737 ARLCO-2021-00666738	69996 60007	11/20/2020 BB1	Bioretention	Area Treated	ACRE ACRE	0.03	0.03 0.02	BB1	51013 020700100103 F 51013 020700100103 F		38.887500 -77.097800 38.887500 -77.097700
PASS PASS	860368 860369	ARLCO-2021-00666738	69997 69998	11/05/2020 BB1 11/03/2020 BB1	Bioretention	Area Treated Area Treated	ACRE	0.02 0.05	0.02	BB1	51013 020700100103 F		38.887600 -77.097600
PASS	860369	ARLCO-2021-00666739	69998	10/28/2020 BB1	Bioretention Bioretention	Area Treated	ACRE	0.05	0.03	BB1 BB1	51013 020700100103 F		38.887600 -77.097800
PASS	860370	ARLCO-2021-00666741	70000	10/16/2020 BB1	Bioretention	Area Treated	ACRE	0.03	0.04	BB1 BB1	51013 020700100103 F		38.887200 -77.096900
PASS	860371	ARLCO-2021-00666742	70001	12/04/2020 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100103 F		38.887200 -77.096800
PASS	860373	ARLCO-2021-00666743	70001	12/02/2020 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100103		38.887100 -77.096800
PASS	860203	ARLCO-2022-00666575	54761	07/15/2021 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.91	0.73	BO	51013 020700100301		38.889500 -77.159700
PASS	860403	ARLCO-2024-00666803	71444	10/27/2023 BB1	Bioretention	Area Treated	ACRE	0.48	0.48	BB1	51013 020700100301		38.870200 -77.105000
PASS	860404	ARLCO-2024-00666804	71445	10/27/2023 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.53	0.53	BO	51013 020700100301		38.870200 -77.105000
PASS	860405	ARLCO-2024-00666805	71446	10/27/2023 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.53	0.53	BO	51013 020700100301		38.870200 -77.105000
PASS	860237	ARLCO-2020-00666624	69949	06/26/2020 BB1	Bioretention	Area Treated	ACRE	0.65	0.59	BB1	51013 020700100301	PL25	38.882600 -77.149800
PASS	860226	ARLCO-2021-00666700	69938	12/11/2020 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain	ACRE	0.03	0.03	BPP1	51013 020700100301	PL25	38.883300 -77.157800
PASS	860227	ARLCO-2021-00666701	69939	12/11/2020 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain	ACRE	0.02	0.02	BPP1	51013 020700100301	PL25	38.883300 -77.157100
PASS	860228	ARLCO-2021-00666702	69940	12/11/2020 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.31	0.31	BO	51013 020700100301	PL25	38.882500 -77.155600
PASS	860229	ARLCO-2021-00666703	68166	08/03/2020 BB1	Bioretention	Area Treated	ACRE	0.3	0.04	BB1	51013 020700100103 F	PL24	
PASS	860230	ARLCO-2021-00666703	68166	08/03/2020 BB1	Bioretention	Area Treated	ACRE	0.3	0.04	BB1	51013 020700100301	PL25	
PASS	860231	ARLCO-2021-00666705	68167	08/03/2020 BB1	Bioretention	Area Treated	ACRE	0.13	0.08	BB1	51013 020700100103 F		
PASS	860232	ARLCO-2021-00666705	68167	08/03/2020 BB1	Bioretention	Area Treated	ACRE	0.13	0.08	BB1	51013 020700100301		
PASS	860233	ARLCO-2021-00666707	68168	08/03/2020 BB1	Bioretention	Area Treated	ACRE	0.44	0.29	BB1	51013 020700100103		
PASS	860234	ARLCO-2021-00666707	68168	08/03/2020 BB1	Bioretention	Area Treated	ACRE	0.44	0.29	BB1	51013 020700100301		
PASS	860235 860236	ARLCO-2021-00666709	68169 68169	08/03/2020 BB1	Bioretention	Area Treated	ACRE	0.1	0.04	BB1	51013 020700100103 F		
PASS PASS	860236 860378	ARLCO-2021-00666709 ARLCO-2023-00666682	68169 72354	08/03/2020 BB1 07/10/2022 BB1	Bioretention Bioretention	Area Treated Area Treated	ACRE ACRE	0.1 0.04	0.04 0.04	BB1 BB1	51013 020700100301 F 51013 020700100103 F		38.877100 -77.086000
PASS	860378	ARLCO-2023-00666682 ARLCO-2023-00666683	72354	07/10/2022 BB1 07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.04 0.05	0.04	BB1 BB1	51013 020700100103 F		38.877100 -77.086000
PASS	860379	ARLCO-2023-00666684	72355	07/10/2022 BB1 07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.03	0.03	BB1 BB1	51013 020700100103 F		38.877100 -77.086000
PASS	860380 860381	ARLCO-2023-00666685	72350	07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.07	0.07	BB1	51013 020700100103 F		38.877100 -77.086000
PASS	860381	ARLCO-2023-00666686	72358	07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100103		38.877100 -77.086000
PASS	860383	ARLCO-2023-00666687	72359	07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.00	0.03	BB1	51013 020700100103		38.877100 -77.086000
PASS	860384	ARLCO-2023-00666688	72360	07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.04	0.04	BB1	51013 020700100103		38.877100 -77.086000
PASS	860385	ARLCO-2023-00666689	72361	07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100103		38.877100 -77.086000
PASS	860386	ARLCO-2023-00666690	72362	07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.04	0.04	BB1	51013 020700100103		38.877100 -77.086000
PASS	860387	ARLCO-2023-00666691	72363	07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.07	0.07	BB1	51013 020700100103 H		38.877100 -77.086000
PASS	860388	ARLCO-2023-00666692	72364	07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.08	0.08	BB1	51013 020700100103 F	PL24	38.877100 -77.086000
PASS	860389	ARLCO-2023-00666693	72365	07/10/2022 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100103 H	PL24	38.877100 -77.086000
PASS	860390	ARLCO-2023-00666694	72366	07/10/2022 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.22	0.22	BO	51013 020700100103 F	PL24	38.877100 -77.086000
PASS	860391	ARLCO-2023-00666695	72367	07/10/2022 BVR1	Green Roofs	Area Treated	ACRE	0.02	0.02	BVR1	51013 020700100103 I		38.877100 -77.086000
PASS	860392	ARLCO-2023-00666696	72368	07/10/2022 BVR2	Green Roofs	Area Treated	ACRE	0.04	0.04	BVR2	51013 020700100103 H		38.877100 -77.086000
PASS	860259	ARLCO-2021-00666717	55901	03/12/2021 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.06	0.06	BO	51013 020700100301		38.891600 -77.151100
PASS	860260	ARLCO-2021-00666718	55902	03/12/2021 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.07	0.07	BO	51013 020700100301		38.891600 -77.151100
PASS	860261	ARLCO-2022-00666584	55903	08/04/2021 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain	ACRE	0.01	0.01	BPP1	51013 020700100301		38.891600 -77.151100
PASS	860262	ARLCO-2022-00666585	55904	08/04/2021 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain	ACRE	0.02	0.02	BPP1	51013 020700100301		38.891600 -77.151100
PASS	860263	ARLCO-2022-00666586	55905	08/04/2021 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain	ACRE	0.01	0.01	BPP1	51013 020700100301		38.891600 -77.151100
PASS	860264 860265	ARLCO-2022-00666587 ARLCO-2022-00666588	55906 55907	08/04/2021 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain	ACRE	0.02	0.02 0.01	BPP1	51013 020700100301		38.891600 -77.151100 38.891600 -77.151100
PASS PASS	860265 860266	ARLCO-2022-00666588 ARLCO-2022-00666589	55907 55908	08/04/2021 BPP1 08/04/2021 BB1	Permeable Pavement Bioretention	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain Area Treated	ACRE ACRE	0.01 0.01	0.01 0.01	BPP1 BB1	51013 020700100301 F 51013 020700100301 F		38.891600 -77.151100 38.891600 -77.151100
PASS	860266	ARLCO-2022-00666589 ARLCO-2022-00666590	55908	08/04/2021 BB1 08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1 BB1	51013 020700100301 F		38.891600 -77.151100
PASS	860267	ARLCO-2022-00666590 ARLCO-2022-00666591	55910	08/04/2021 BB1 08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1 BB1	51013 020700100301 F		38.891600 -77.151100
PASS	860269	ARLCO-2022-00666592	55921	08/04/2021 BB1 08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301		38.891600 -77.151100
PASS		ARLCO-2022-00666593		08/04/2021 BB1 08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301		38.891600 -77.151100
PASS	860270	ARLCO-2022-00666594		08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100301		38.891600 -77.151100
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VAR10L081	APS project not a county project
VAR10K587	ARLCO-2020-00323814
VAR10L615	In series with ARLCO-2022-00489932
VAR10L615	Replace with ARLCO-2022-00489932
VAR10L615	In series with ARLCO-2022-00489932
VAR10L615	In series with ARLCO-2022-00489932
VAR10L615	In series with ARLCO-2022-00489932
VAR10L615	In series with ARLCO-2022-00489932
VAR10L615	In series with ARLCO-2022-00489932
VAR10L615	In series with ARLCO-2022-00489932
VAR10M303	Being replace with 18-0016A to N
VAR10M303	In series with 18-0016A and S
VAR10M303	Being replace with 18-0016S
VAR10L754	In series with ARLCO-2023-00558992
VAR10L754	ARLCO-2023-00558992
VAR10L754	In series with ARLCO-2023-00558992
VAR10M001	Being repleace with 18-0119A
VAR10M001	In series with 18-0119A
VAR10M001	In series with 18-0119A
VAR10M001	In series with 18-0119A
VAR10M905	ARLCO-2022-00489947
VAR10M905	ARLCO-2022-00489947
VAR10M398	ARLCO-2023-00558970
	ARLCO-2023-00558976
VAR10M398	ARLCO-2023-00558977
	ARLCO-2023-00558974
	ARLCO-2023-00558978
VAR10M398	ARLCO-2023-00558979
	ARLCO-2023-00558980
	ARLCO-2023-00558981
	ARLCO-2023-00558982
	ARLCO-2023-00558983
VAR10M398	ARLCO-2023-00558975
VAR10M398	ARLCO-2023-00558977
VAR10M398	ARLCO-2023-00558972
VAR10M398	ARLCO-2023-00558493
VAR10M398	ARLCO-2023-00558498
VAR10M398	ARLCO-2023-00558492
VAR10M398	ARLCO-2023-00558491
VAR10M398	ARLCO-2023-00558499
VAR10M398	ARLCO-2023-00558500
VAR10M398	ARLCO-2023-00558501
VAR10M398	ARLCO-2023-00558495
VAR10M398	ARLCO-2023-00558496
VAR10M398	ARLCO-2023-00558502
VAR10M398	ARLCO-2023-00558497
VAR10M398	Fail - Not constructed on site
VAR10M440	ARLCO-2023-00558993
VAR10N288	Being replace with 18-0246A
VAR10N288	In series with 18-0246A
VAR10N288	Detention only facility
VAR10M343	ARLCO-2021-00369943
VAR10N363	ARLCO-2023-00558910
VAR10N363	ARLCO-2023-00558911
VAR10N363	ARLCO-2023-00558901
	ARLCO-2023-00558901 Begin replace this year with 19-0050A
VAR10N363	
VAR10N363 VAR10N163	Begin replace this year with 19-0050A
VAR10N363 VAR10N163 VAR10N163	Begin replace this year with 19-0050A Duplicate record
VAR10N363 VAR10N163 VAR10N163 VAR10N163	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B
VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record
VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C
VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C Duplicate record
VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C Duplicate record Begin replace this year with 19-0050D Duplicate record Approved in FY25 will "Fail" and replace with facilities in FY25
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VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N813 VAR10N958 VAR10N958 VAR10N958 VAR10N958	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C Duplicate record Begin replace this year with 19-0050D Duplicate record Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997
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VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N813 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C Duplicate record Begin replace this year with 19-0050D Duplicate record Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997 In ser
VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N813 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C Duplicate record Begin replace this year with 19-0050D Duplicate record Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997
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VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N813 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958 VAR10N958	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C Duplicate record Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558
 VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N813 VAR10N958 	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C Duplicate record Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558
 VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N813 VAR10N958 	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C Duplicate record Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558
 VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N813 VAR10N958 	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C Duplicate record Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558
 VAR10N363 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N163 VAR10N813 VAR10N958 	Begin replace this year with 19-0050A Duplicate record Begin replace this year with 19-0050B Duplicate record Begin replace this year with 19-0050C Duplicate record Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 Approved in FY25 will "Fail" and replace with facilities in FY25 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558

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0K587 ARLCO-2020-00323814
0L615 In series with ARLCO-2022-00489932
L615 Replace with ARLCO-2022-00489932
0L615 In series with ARLCO-2022-00489932
0L615 In series with ARLCO-2022-00489932
L615 In series with ARLCO-2022-00489932
L615 In series with ARLCO-2022-00489932
L615 In series with ARLCO-2022-00489932
0L615 In series with ARLCO-2022-00489932
M303 Being replace with 18-0016A to N
M303 In series with 18-0016A and S
M303 Being replace with 18-0016S
L754 In series with ARLCO-2023-00558992
L754 In series with ARLCO-2023-00558992
0L754 In series with ARLCO-2023-00558992
0L754 In series with ARLCO-2023-00558992
L754 ARLCO-2023-00558992
0L754 In series with ARLCO-2023-00558992
M001 Being repleace with 18-0119A
M001 In series with 18-0119A
M001 In series with 18-0119A
M001 In series with 18-0119A
M905 ARLCO-2022-00489947
M905 ARLCO-2022-00489947
M398 ARLCO-2023-00558970
M398 ARLCO-2023-00558976
M398 ARLCO-2023-00558977
M398 ARLCO-2023-00558974
M398 ARLCO-2023-00558978
M398 ARLCO-2023-00558979
M398 ARLCO-2023-00558980
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M398 ARLCO-2023-00558982
M398 ARLCO-2023-00558983
M398 ARLCO-2023-00558975
M398 ARLCO-2023-00558977
M398 ARLCO-2023-00558972
M398 ARLCO-2023-00558493
M398 ARLCO-2023-00558498
M398 ARLCO-2023-00558492
M398 ARLCO-2023-00558491
M398 ARLCO-2023-00558499
M398 ARLCO-2023-00558500
M398 ARLCO-2023-00558501
M398 ARLCO-2023-00558495
M398 ARLCO-2023-00558496
M398 ARLCO-2023-00558502
M398 ARLCO-2023-00558497
M398 Fail - Not constructed on site
M440 ARLCO-2023-00558993
N288 Being replace with 18-0246A
N288 In series with 18-0246A
N288 Detention only facility
M343 ARLCO-2021-00369943
N363 ARLCO-2023-00558910
N363 ARLCO-2023-00558911
N363 ARLCO-2023-00558901
N163 Begin replace this year with 19-0050A
N163 Duplicate record
N163 Begin replace this year with 19-0050B
0N163 Duplicate record
N163 Begin replace this year with 19-0050C
N163 Duplicate record
N163 Begin replace this year with 19-0050D
N163 Duplicate record
0N813 Approved in FY25 will "Fail" and replace with facilities in FY25
N813 Approved in FY25 will "Fail" and replace with facilities in FY25
0N813 Approved in FY25 will "Fail" and replace with facilities in FY25
0N813 Approved in FY25 will "Fail" and replace with facilities in FY25
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N813 Approved in FY25 will "Fail" and replace with facilities in FY25
N813 Approved in FY25 will "Fail" and replace with facilities in FY25
0N813 Approved in FY25 will "Fail" and replace with facilities in FY25
N813 Approved in FY25 will "Fail" and replace with facilities in FY25
N958 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997
N958 ARLCO-2023-00558996
N958 ARLCO-2023-00558997
N958 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997
N958 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997
N958 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997
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PAS	<u>.</u> S 8	360272	ARLCO-2022-00666595	55924	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301 PI	25	38.891600 -77.151100	VAR
PAS			ARLCO-2022-00666596	55925	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301 PI		38.891600 -77.151100	VAR
PAS	S 8	360274	ARLCO-2022-00666597	55926	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100301 PI	25	38.891600 -77.151100	VAR
PAS	S 8	360275	ARLCO-2022-00666598	55927	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301 PI	_25	38.891600 -77.151100	VAR
PAS	S 8	360276	ARLCO-2022-00666599	55928	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301 PI	_25	38.891600 -77.151100	VAR
PAS	S 8	360277	ARLCO-2022-00666600	55929	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100301 PI	_25	38.891600 -77.151100	VAR
PAS	S 8	360278	ARLCO-2022-00666601	55930	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301 PI	_25	38.891600 -77.151100	VAR
PAS			ARLCO-2022-00666602	55931	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301 PI		38.891600 -77.151100	VAR
PAS			ARLCO-2022-00666603	55932	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301 PI		38.891600 -77.151100	VAR
PAS			ARLCO-2022-00666604	55933	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100301 PI		38.891600 -77.151100	VAR
PAS			ARLCO-2022-00666605	55934	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301 PI		38.891600 -77.151100	VAR
PAS			ARLCO-2022-00666606	55935	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100301 PI		38.891600 -77.151100	VAR
PAS			ARLCO-2022-00666607	55936	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.02	0.02	BB1	51013 020700100301 PI		38.891600 -77.151100	VAR
PAS			ARLCO-2022-00666608	55937	08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.02	0.01	BB1	51013 020700100301 PI		38.891600 -77.151100	VAR
PAS			ARLCO-2022-006666609	55938	08/04/2021 BB1 08/04/2021 BB1	Bioretention	Area Treated	ACRE	0.01	0.01	BB1	51013 020700100301 PI		38.891600 -77.151100	VAR
PAS			ARLCO-2022-000666752	70378	12/21/2020 BPP2	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain		1.2	1.2	BPP2	51013 020700100301 PI		38.894600 -77.159400	VAR
PAS			ARLCO-2021-00666753	70379	12/21/2020 BPP2	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain		1.46	1.46	BPP2 BPP2	51013 020700100301 PI		38.894600 -77.159400	VAR
PAS			ARLCO-2022-00666576	71512	06/24/2022 BPP2	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdrain		1.40	1.40	BPP2 BPP2	51013 020700100301 PI		38.870800 -77.095000	VAR
PAS			ARLCO-2022-00666577	71513	06/24/2022 BFF2	Vegetated Open Channels	Area Treated	ACRE	0.36	0.01	BGC	51013 020700100301 PI		38.870800 -77.095500	VAR
PAS			ARLCO-2022-00666578	71514	06/24/2022 BGC	Vegetated Open Channels	Area Treated	ACRE	0.30	0.01	BGC	51013 020700100301 PI		38.871200 -77.094600	VAR
PAS			ARLCO-2022-00000578 ARLCO-2023-006666679	68055		Proprietary Stormwater Treatment Device	Area Treated	ACRE	1.84	1.84	BOC	51013 020700100301 PI		38.855900 -77.078500	VAR
			ARLCO-2023-006666579		07/22/2022 BO		Area Treated					51013 020700100301 PI		38.844200 -77.088600	
PAS				72213	05/18/2022 BB1	Bioretention		ACRE	0.08	0.03	BB1				VAR
PAS			ARLCO-2022-00666580	72214	05/18/2022 BB1	Bioretention	Area Treated	ACRE	0.34	0.21	BB1	51013 020700100301 PI		38.844100 -77.088400	VAR
PAS			ARLCO-2022-00666581	72215	05/18/2022 BB1	Bioretention	Area Treated	ACRE	0.32	0.16	BB1	51013 020700100301 PI		38.844000 -77.087400	VAR
PAS			ARLCO-2022-00666582	72216	05/18/2022 BVR1	Green Roofs	Area Treated	ACRE	0.02	0.02	BVR1	51013 020700100301 PI		38.844200 -77.088600	VAR
PAS			ARLCO-2022-00666583	72217	05/18/2022 BVR1	Green Roofs	Area Treated	ACRE	0.02	0.02	BVR1	51013 020700100301 PI		38.844200 -77.088600	VAR
PAS			ARLCO-2023-00666647	70936	03/07/2023 BVR1	Green Roofs	Area Treated	ACRE	0.03	0.03	BVR1	51013 020700100301 PI		38.860600 -77.073900	VAR
PAS			ARLCO-2023-00666648	70937	03/20/2023 BO	Proprietary Stormwater Treatment Device	Area Treated	ACRE	0.01	0.01	BO	51013 020700100301 PI		38.860600 -77.073900	VAR
PAS			ARLCO-2023-00666649	70938	03/07/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI		38.860600 -77.073900	VAR
PAS			ARLCO-2023-00666650	70939	03/07/2023 BB1	Bioretention	Area Treated	ACRE	0.04	0.04	BB1	51013 020700100301 PI		38.860600 -77.073900	VAR
PAS			ARLCO-2023-00666651	70940	03/07/2023 BB1	Bioretention	Area Treated	ACRE	0.04	0.04	BB1	51013 020700100301 PI		38.860600 -77.073900	VAR
PAS			ARLCO-2023-00666652	70941	03/07/2023 BB1	Bioretention	Area Treated	ACRE	0.03	0.03	BB1	51013 020700100301 PI		38.860600 -77.073900	VAR
PAS			ARLCO-2023-00666653	70943	03/07/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI		38.860600 -77.073900	VAR
PAS			ARLCO-2023-00666654	70944	03/07/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI		38.860600 -77.073900	VAR
PAS			ARLCO-2023-00666655	70945	03/07/2023 BB1	Bioretention	Area Treated	ACRE	0.04	0.04	BB1	51013 020700100301 PI		38.860600 -77.073900	VAR
PAS	5 8		ARLCO-2023-00666656	70946	03/07/2023 BB1	Bioretention	Area Treated	ACRE	0.03	0.03	BB1	51013 020700100301 PI	_25	38.860600 -77.073900	VAR
PAS			ARLCO-2023-00666657	70947	03/07/2023 BB1	Bioretention	Area Treated	ACRE	0.03	0.03	BB1	51013 020700100301 PI		38.860600 -77.073900	VAR
PAS	S 8	360224	ARLCO-2023-00666658	70948	03/07/2023 BVR1	Green Roofs	Area Treated	ACRE	0.03	0.03	BVR1	51013 020700100301 PI	_25	38.860600 -77.073900	VAR
PAS	S 8	360246	ARLCO-2023-00666659	72241	10/31/2022 BB1	Bioretention	Area Treated	ACRE	0.63	0.43	BB1	51013 020700100103 PI	_24	38.911000 -77.108800	VAR
PAS	S 8	360294	ARLCO-2023-00666660	70590	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360295	ARLCO-2023-00666661	70591	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360296	ARLCO-2023-00666662	70592	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360297	ARLCO-2023-00666663	70593	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360298	ARLCO-2023-00666664	70594	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360299	ARLCO-2023-00666665	70595	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360300	ARLCO-2023-00666666	70596	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360301	ARLCO-2023-00666667	70597	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.06	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360302	ARLCO-2023-00666668	70598	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.06	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360303	ARLCO-2023-00666669	70599	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.06	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360304	ARLCO-2023-00666670	70600	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.06	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360305	ARLCO-2023-00666671	70601	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.04	0.04	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360306	ARLCO-2023-00666672	70602	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360307	ARLCO-2023-00666673	70603	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.06	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360308	ARLCO-2023-00666674	70604	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.06	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360309	ARLCO-2023-00666675	70605	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.06	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS	S 8	360310	ARLCO-2023-00666676	70606	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.06	BB1	51013 020700100301 PI	_25	38.862200 -77.091800	VAR
PAS		360311	ARLCO-2023-00666677	70607	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.06	BB1	51013 020700100301 PI		38.862200 -77.091800	VAR
PAS			ARLCO-2023-00666678	70608	05/01/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.05	BB1	51013 020700100301 PI		38.862200 -77.091800	VAR
PAS	S 8	360335	ARLCO-2024-00666789	71489	09/01/2023 BVR2	Green Roofs	Area Treated	ACRE	0.35	0.35	BVR2	51013 020700100103 PI	24	38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666790	71490	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.07	0.07	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666791	71491	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.04	0.04	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666792	71492	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.06	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666793	71493	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.09	0.09	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666794	71494	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.07	0.07	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666795	71495	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.11	0.11	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666796	71496	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.05	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666797	71497	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.06	0.05	BB1	51013 020700100103 PI		38.887400 -77.098400	VAR
PAS			ARLCO-2024-00666798	71498	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.05	0.04	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666799	71499	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.03	0.04	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666800	71500	09/01/2023 BB1 09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.03	0.03	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666801	71501	09/01/2023 BB1	Bioretention	Area Treated	ACRE	0.19	0.19	BB1	51013 020700100103 PI		38.886400 -77.098400	VAR
PAS			ARLCO-2024-00666802	71502	09/01/2023 BRW	Cisterns & Rain Barrels	Contributing Area	ACRE	0.19	0.19	BRW	51013 020700100103 PI		38.886400 -77.098400	VAR
	- 0			, 1002					0.10	0.10	2		_ _ •		VAN

AR10N958 In series with either ARLCO-2023-00558996 or ARLCO-2023-00558997 AR10N927 ARLCO-2021-00370131 AR10N927 ARLCO-2021-00370132 AR10P593 Begin replace this year with 20-0077A AR10P593 Begin replace this year with 20-0077C AR10P593 Begin replace this year with 20-0077B AR10Q281 ARLCO-2023-00558902 AR100953 Begin replace this year with 20-0158A AR100953 Begin replace this year with 20-0158B AR100953 Begin replace this year with 20-0158C AR100953 Begin replace this year with 20-0158D AR100953 Begin replace this year with 20-0158D AR10P564 Begin replace this year with 20-0163A AR10P439 Begin replace this year with 20-0172A AR10P634 Being replaced this year with 20-0265G AR10P634 Being replaced this year with 20-0265H AR10P634 Being replaced this year with 20-02651 AR10P634 Being replaced this year with 20-0265J AR10P634 Being replaced this year with 20-0265K AR10P634 Being replaced this year with 20-0265M AR10P634 Being replaced this year with 20-0265N AR10P634 Being replaced this year with 20-02650 AR10P634 Being replaced this year with 20-0265P AR10P634 Being replaced this year with 20-0265Q AR10P634 Being replaced this year with 20-0265R AR10P634 Being replaced this year with 20-0265F AR10P634 Being replaced this year with 20-0265S AR10P634 Being replaced this year with 20-0265A AR10P634 Being replaced this year with 20-0265B AR10P634 Being replaced this year with 20-0265C AR10P634 Being replaced this year with 20-0265D AR10P634 Being replaced this year with 20-0265E AR10P634 Being replaced this year with 20-0265L AR10P983 Being replaced with 21-0093A,B,C & F AR10P983 Being replaced with 21-0093J - In series AR10P983 Being replaced with 21-0093N AR10P983 Being replaced with 21-0093N AR10P983 Fail - does match anything in our dataset AR10P983 Beginer replaces with 21-0093J AR10P983 Being replaced with 21-0093L AR10P983 Fail - does match anything in our dataset AR10P983 Fail - does match anything in our dataset AR10P983 Being replaced with 21-0093K AR10P983 Being replaced with 21-00930 AR10P983 Being replaced with 21-0093P

- AR10P983 Fail does match anything in our dataset
- AR10P983 Being replaced with 21-0093R

Upbel Net Name	
PASS 22:05 ARLCD 2016 00022:05 00 1/202 10/30/1.4 SWR1 Green Roofs Area Treated ARCE 0.0372 0.038/2 Lenswe green roof ARUNGTON PL2 38.88565200 77.9737800 bisled MS service area Pivate Yes Both PASS 240370 ARLCD 2008 00050689 03.872.A 06/30/24 B81 Bioretantent Device Area Treated ACRE 0.7007 0.3668 0.0554 MICRO 2000 0005689 03.872.A 06/30/24 B81 Bioretantent Device Pivate No Both PASS 866112 ARLCO-2015 00072315 06.10200 10/30/2014 BVR1 Green Roofs Area Treated ACRE 0.0762 0.0038/234 ARLINGTON Pivate Yes Both PASS 866112 ARLCO-2015 00072315 06.10204 BVR1 Green Roofs Area Treated ACRE 0.0762 0.0038/233 Kent mater area Pivate Yes Both PASS 866112 ARLCO-2016 00072310 06.1044.457 ARLINGTON Pivate Yes <th>Jason PapacosmaArlington County06/02/23PASSJason PapacosmaArlington County08/15/24PASSJason PapacosmaArlington County08/15/24PASSJason</th>	Jason PapacosmaArlington County06/02/23PASSJason PapacosmaArlington County08/15/24PASSJason
PASS 240:02 ARLCO-2008 00050689 0:93/24 99:1 Biorcention Area Treated ACRE 0.7007 0.5084 MILCO0000 PILA 38.85742000 77.058036000 (mold M54 service area Pilatic No Both PASS 866161 ARLCO-2015 06075516 0610200 10/30/2014 BVRL Green Roofs Area Treated ACRE 0.0223 0.00125530800 (mold M54 service area Pilvate Yes Both PASS 866162 ARLCO-2015 06075516 0610200 10/30/2014 BVRL Green Roofs Area Treated ACRE 0.0255 0.001353333 Extensive green roof ARLINGTON PI24 38.864317 77.059150 Siniade M54 service area Pilvate Yes Both PASS 866164 ARLCO-2024 00672510 08.1064A4 08/28/2023 BVRL Green Roofs Area Treated ACRE 0.00051 0.001333333 Extensive green Roof A(1414.45 F ARLINGTON PI25 38.845329 77.059150 Siniade M54 service area Pilvate Yes Both PASS 866164 ARLCO-2024 006725210	Jason PapacosmaArlington County08/15/24PASSJason PapacosmaArlington CountyJason PapacosmaArlington County </td
PASS866163ARLCO-2012-0067251706-1020F10/30/2014BVR1Green RoofsArea TreatedACRE0.20560.017133333Extensive green roofARLINGTONPL2438.88633377.097510Inside M54 service areaPrivateYesBothPASS866164ARLCO-2024-0067251808-1064A08/28/2023BVR1Green RoofsArea TreatedACRE0.00110.01133333Extensive green Roof A (14.4 SF)ARLINGTONPL2538.84517977.050897Inside M54 service areaPrivateYesBothPASS866165ARLCO-2024-0067251008-1064A08/28/2023BVR1Green RoofsArea TreatedACRE0.01310.01744Intensive Green Roof B (21.1 RA)RLINGTONPL2538.8450477.050875Inside M54 service areaPrivateYesBothPASS866167ARLCO-2024-0067252108-1064B08/28/2023BVR1Green RoofsArea TreatedACRE0.00130.017343 intensive Green Roof E (23.1 FR)ARLINGTONPL2538.8450477.050875Inside M54 service areaPrivateYesBothPASS866167ARLCO-2024-0067252308-1064B08/28/2023BVR1Green RoofsArea TreatedACRE0.00130.01380.01380.0138Intensive Green Roof E (50.5 F)ARLINGTONPL2538.84450477.050835Inside M54 service areaPrivateYesBothPASS866167ARLCO-2024-0067252308-1064B08/28/2023BVR1Green Roofs<	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS866165ARLCO-2024-0067252008-1064A08/28/2023BOProprietary Stormwater Treatment DeviceArea TreatedACRE0.710.7117.04BayFilter #1ARLINGTONPL538.84523-77.050915 inside MS4 service areaPrivateYesBothPASS866166ARLCO-2024-0067252008-1064B08/28/2023BORProprietary Stormwater Treatment DeviceArea TreatedACRE0.005310.012744 Intensive Green Roof B (23.115F)ARLINGTONPL538.84521-77.050875 inside MS4 service areaPrivateYesBothPASS866167ARLCO-2024-0067252008-1064B08/28/2023BORProprietary Stormwater Treatment DeviceArea TreatedACRE0.00130.00336 intensive Green Roof E (66.5 F)ARLINGTONPL538.84404-77.050373 inside MS4 service areaPrivateYesBothPASS866169ARLCO-2024-0067252308-10408/28/2023BVR1Green RoofsArea TreatedACRE0.00180.00180.00282 intensive Green Roof (66.5 F)ARLINGTONPL538.844061-77.050841 inside MS4 service areaPrivateYesBothPASS866169ARLCO-2024-0067252408-10408/28/2023BVR1Green RoofsArea TreatedACRE0.00180.00180.00282 intensive Green Roof (56.5 F)ARLINGTONPL538.84469-77.050841 inside MS4 service areaPrivateYesBothPASS866167ARLCO-2024-0067252408/16408/28/2023BVR1Green Roofs </td <td>Jason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington County</td>	Jason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington County
PASS866167ARLCO-2024-006725208-1064BB08/28/2023BOProprietary Stormwater Treatment DeviceArea TreatedACRE0.0130.01336Intensive Green Roof C (60.6 SF)ARLINGTONPL2538.84424-77.05733inside MS4 service areaPrivateYesBothPASS866169ARLCO-2024-0067252208-106408/28/2023BVR1Green RoofsArea TreatedACRE0.00139	Jason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 86169 ARLC-2024-00672523 08-1040 08/28/203 ARLD Gene Roof Control ARLD Control<	Jason Papacosma Arlington County
PASS86617ARLO-2024-0067252508-1064F08/28/203<	Jason Papacosma Arlington County
PASS 866173 ARLCO-2024-00672527 08-1064H 08/28/2023 BVR1 Green Roof H (31.3 SF) ARLINGTON PASS 866173 ARLCO-2024-00672527 08-1064H 08/28/2023 BVR1 Green Roof H (31.3 SF) ARLINGTON Area Treated Both	Jason Papacosma Arlington County
PASS 866174 ARLCO-2024-00672528 08-1064J 08/28/2023 BVR1 Green Roof L (26.4 SF) ARLINGTON Area Treated Area T	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 860174 AREC-2024-00072528 08-10437 Ref r	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 866176 ARLCO-2024-00672530 08-1064L 08/28/2023 BVR1 Green Roof L (214.8 SF) ARLINGTON Areated Private Both Both PASS 866176 ARLCO-2024-00672530 08-1064L 08/28/2023 BVR1 Green Roof L (214.8 SF) ARLINGTON Areated Private Both Both PASS 866177 ARLCO-2024-00672531 08-1064M 08/28/2023 BVR1 Green Roof M (59.5 SF) ARLINGTON Areated Private	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 866178 ARLO-2024-00672532 08-1064N 08/28/203 Mean conditional condite condite condite conditional condite conditional condite conditi	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 860180 ARLCO-2024-00672534 08-1064P 08/28/203 BVR1 Green Roof P (78.8 SF) ARLINGTON Areated Private Private <t< td=""><td>Jason PapacosmaArlington CountyJason PapacosmaArlington County</td></t<>	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 866182 ARLCO-2024-00672536 08-1064R 0.8/28/2023 BVR1 Green Roof R (18.5 SF) ARLINGTON PASS 866183 ARLCO-2024-00672536 08-1064R 0.8/28/2023 BVR1 Green Roof R (18.5 SF) ARLINGTON Areated D.000425 D.000455	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 866184 ARLCO-2024-00672538 08-1064T 08/28/2023 BVR1 Green Roof T (3.5 SF) ARLINGTON AcRe 0.0001 0.0024 Intensive Green Roof T (3.5 SF) ARLINGTON Acres Both PASS 86184 ARLCO-2024-00672538 08-1064U 08/28/2023 BVR1 Green Roof T (3.5 SF) ARLINGTON Acres D.0001 D.0002 Intensive Green Roof T (3.5 SF) Area Moh Moh<	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 866186 ARLCO-2024-00672540 08-1064V 08/28/2023 BVR1 Green Roof V (18.4 SF) ARLINGTON PASS 866187 ARLCO-2024-00672540 08-1064W 08/28/2023 BVR1 Green Roof V (18.4 SF) ARLINGTON Area Treated D.00037 <	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866188ARLCO-2024-0067254208-1064X08/28/2023BVR1Green Roof X (9.1 SF)ARLINGTONPASS866189ARLCO-2024-0067254308-1064Y08/28/2023BVR1Green Roof Y (347 SF)ARLINGTONARLINGTONBVR1Green Roof Y (347 SF)ARLINGTONBVR1Green Roof Y (347 SF)ARLINGTONBVR1Green Roof Y (347 SF)ARLINGTONARLINGTONBVR1Green Roof Y (347 SF)ARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTON <td>Jason Papacosma Arlington County Jason Papacosma Arlington County</td>	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866190ARLCO-2024-0067254408-1064Z08/28/2023BVR1Green Roof Z (30.7 SF)ARLINGTONPASS866191ARLCO-2024-0067254510-1113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-0067254510-1113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-0067254510-1113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-0067254510-1113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-0067254510-1113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-0067254510-1113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-0067254510-113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-0067254510-113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-0067254510-113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-0067254510-113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-0067254510-113A12/21/2023Bl1Infiltration PracticesArea TreatedPASS866191ARLCO-2024-006725451	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866192ARLCO-2024-0067254612-1203A07/25/2023BB2BioretentionAreaTreatedPASS866193ARLCO-2024-0067254712-1203B07/25/2023BB2BioretentionAreaTreatedNoBothPASS866193ARLCO-2024-0067254712-1203B07/25/2023BB2BioretentionAreaTreatedNoBothPASS866193ARLCO-2024-0067254712-1203B07/25/2023BB2BioretentionAreaTreatedNoBothPASS866193ARLCO-2024-0067254712-1203B07/25/2023BB2BioretentionAreaTreatedNoBothPASS866193ARLCO-2024-0067254712-1203B07/25/2023BB2BioretentionAreaTreatedNoBothPASS866193ARLCO-2024-0067254712-1203B07/25/2023BB2BioretentionAreaTreatedNoBothPASS866193ARLCO-2024-0067254712-1203B07/25/2023BB2BioretentionAreaTreatedNoBothPASS866193ARLCO-2024-0067254712-1203B07/25/203BB2BioretentionAreaTreatedNoBothPASS866193ARLCO-2024-0067254712-1203B07/25/203BB2BioretentionAreaTreatedNoBothPASS866193ARLCO-2024-0067254712-1203B07/25/203BB2BioretentionAreaTreatedNoBothPASS866193ARLCO-2024-0067254712-1203B07/25/203BB2	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866194ARLCO-2023-0067317012-1364D01/26/2023BB1BioretentionAcRe0.01180.00983333PLANTER BOX #1 (12" PONDING)ARLINGTONAcreatedPrivateYesBothPASS866195ARLCO-2023-0067317012-1364E01/26/2023BB1BioretentionAcreatedNoticeYesBothPASS866195ARLCO-2023-0067317012-1364E01/26/2023BB1BioretentionAcreatedYesBothPASS866195ARLCO-2023-0067317012-1364E0.01220.00106667PLANTER BOX #3 (12" PONDING)ARLINGTONARLINGTONAreatedPLANTER BOX #3 (12" PONDING)ARLINGTONAreatedPLANTER BOX #3 (12" PONDING)AreatedPLANTER BOX #3 (12" PONDING)ARLINGTONAreatedPLANTER BOX #3 (12" PONDING)AreatedPLANTER BOX #3 (12" PONDING)ARLINGTONAreatedPLANTER BOX #3 (12" PONDING)AreatedPLANTER BOX #3 (12" PONDING)PLANTER BOX #3 (12" PONDING)AreatedPLANTER BOX #3 (12" PONDING)PLANTER BOX #3 (12" PONDING)AreatedPLANTER BOX #3 (12" PONDING)PLANTER BOX	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866196 ARLCO-2017-00673184 14-1653F 02/28/2017 BVR1 Green Roofs Area Treated PASS 866197 ARLCO-2023-00673172 14-1886C 05/23/2023 BED1 Dry Extended Detention Ponds Area Treated Dry Extended Detention Ponds BeD1 Dry Extended Detention Ponds Area Treated Dry Extended Detention Ponds Dry Extended Detention Ponds <td>Jason Papacosma Arlington County Jason Papacosma Arlington County</td>	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866198ARLCO-2023-0067317314-1886D05/23/2023BED1Dry Extended Detention PondsArea TreatedPASS866199ARLCO-2023-0067317414-1886E05/23/2023BED1Dry Extended Detention PondsArea TreatedPASS866199ARLCO-2023-0067317414-1886E05/23/2023BED1Dry Extended Detention PondsArea TreatedPASS866199ARLCO-2023-0067317414-1886E05/23/2023BED1Dry Extended Detention PondsArea TreatedPASS866199ARLCO-2023-0067317414-1886E0.5/23/2023BED1Dry Extended Detention PondsArea TreatedPASS866199ARLCO-2023-0067317414-1886E0.0166667DET-5 (6" ponding)ARLINGTONArea TreatedDry Extended Detention PondsArea TreatedPASS866199ARLCO-2023-0067324ARLO-2024-0067324ARLO-2024-0067324Area TreatedArea TreatedArea TreatedPASS866199ARLCO-2024-0067324ARLO-2024-0067324 </td <td>Jason Papacosma Arlington County Jason Papacosma Arlington County</td>	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866200ARLCO-2024-0067254815-1976D07/01/2023BP1Permeable PavementARLINGTONPASS866201ARLCO-2024-0067254916-0154A08/23/2023BVR1Green Roof #1 and #2 (738 SF) ARLINGTONARE0.01140.1368Permeable PavementYesBothPASS866201ARLCO-2024-0067254916-0154A08/23/2023BVR1Green Roof #1 and #2 (738 SF) ARLINGTONArea Treated0.01140.1368Permeable PavementYesBoth	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866202 ARLCO-2024-00672550 16-0154B 08/23/2023 BVR1 Green Roof #3 (253 SF) ARLINGTON PASS 866203 ARLCO-2024-00672550 16-0154B 08/23/2023 BVR1 Green Roof #3 (253 SF) ARLINGTON BvR1 Green Roof #4 (104 SF) BvR1 Green Roof #4 (104 SF) ARLINGTON BvR1 Green Roof #4 (104 SF) BvR1	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASs 866204 ARLCO-2024-00672552 16-0154D 08/23/2023 BVR1 Green Roof #5 (26 SF) ARLINGTON PASs 866205 ARLCO-2024-00672552 16-0154D 08/23/2023 BVR1 Green Roof #5 (26 SF) ARLINGTON Area Treated Private Yes Both PASs 866205 ARLCO-2024-00672553 16-0154D 08/23/2023 BVR1 Green Roof #5 (26 SF) ARLINGTON Area Treated Private Yes Both	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866206 ARLCO-2024-00672554 16-0154F 08/23/2023 BVR1 Green Roof #7 (61 SF) ARLINGTON PASS 866207 ARLCO-2024-00672555 16-0154G 08/23/2023 BVR1 Green Roof #7 (61 SF) ARLINGTON Area Treated Diside MS4 service area Private Yes Both PASS 866207 ARLCO-2024-00672555 16-0154G 08/23/2023 BVR1 Green Roof #8 (672 SF) ARLINGTON Diside MS4 service area Private Yes Both PASS 866207 ARLCO-2024-00672555 16-0154G 0.012 Intensive Green Roof #8 (672 SF) ARLINGTON Area Treated Private Yes Both PASS 866207 ARLCO-2024-00672555 16-0154G 0.02/2023 BVR1 Green Roof #8 (672 SF) ARLINGTON Private Yes Both PASS 966200 40.000 90	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866208 ARLCO-2024-00672556 16-0154H 08/23/2023 BVR1 Green Roof #9 (175 SF) ARLINGTON PASS 866209 ARLCO-2024-00672557 16-0154H 08/23/2023 BVR1 Green Roof #9 (175 SF) ARLINGTON Area Treated Private Yes Both PASS 866209 ARLCO-2024-00672557 16-0154H 08/23/2023 BVR1 Green Roof #10 (127 SF) ARLINGTON Area Treated Private Yes Both PASS 866209 ARLCO-2024-00672557 16-0154H 08/23/2023 BVR1 Green Roof #10 (127 SF) ARLINGTON Private Yes Both PASS 866209 ARLCO-2024-00672557 16-0154H 08/23/2023 BVR1 Green Roof #10 (127 SF) ARLINGTON Private Yes Both PASS 966240 ARLCO-2024-00672557 16-0154H 08/23/2023 BVR1 Green Roof #10 (127 SF) ARLINGTON Private Yes Both PASS 966240 ARLCO-2024-00672557 16-0154H 08/23/2023 BVR1 Green Roof #10 (127 SF) ARLINGTON Private Private Private	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866210ARLCO-2024-0067255816-0154J08/23/2023BVR1Green Roof #11 (92 SF)ARLINGTONPASS866211ARLCO-2024-0067255916-0154K08/23/2023BVR1Green Roof #12 (92 SF)ARLINGTONArea TreatedPivateYesBothPASS866210ARLCO-2024-0067255916-0154K08/23/2023BVR1Green Roof #12 (92 SF)ARLINGTONArea TreatedPivateYesBothPASS866211ARLCO-2024-0067255916-0154K08/23/2023BVR1Green Roof #12 (92 SF)ARLINGTONPivateYesBothPASS866211ARLCO-2024-0067255916-0154K08/23/2023BVR1Green Roof #12 (92 SF)ARLINGTONPivateYesBothPASS966211ARLCO-2024-0067255916-0154K08/23/2023BVR1Green Roof #12 (92 SF)ARLINGTONPivatePivateYesBothPASS96621191000000000000000000000000000000000000	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866212ARLCO-2024-0067256016-0154L08/23/2023BVR1Green Roof #13 (144 SF)ARLINGTONPASS866213ARLCO-2024-0067256116-0154M08/23/2023BVR1Green Roof #14 (139 SF)ARLINGTONARLINGTONPL2538.84456-77.052173Inside MS4 service areaPrivateYesBothPASS866214ARLCO-2024-0067256216-0154M08/23/2023BVR1Green Roof #15 (1855 SF)ARLINGTONARLPL2538.84417-77.052203Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866214ARLCO-2024-0067256216-0154N08/23/2023BVR1Green Roof #15 (1855 SF)ARLINGTONPASS866215ARLCO-2024-0067256316-0154V08/23/2023BVR1Green Roof #16 (1475 SF)ARLINGTONPASS866216ARLCO-2024-0067256416-0154V08/23/2023BVR1Green Roof #16 (1475 SF)ARLINGTONARLINGTONPL2538.84528-77.05243Inside MS4 service areaPrivateYesBothPASS866216ARLCO-2024-0067256416-0154V08/23/2023BOProprietary Stormwater Treatment DeviceArea TreatedARLINGTONARLINGTONPL2538.845280-77.052435Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 860210 ARECO-2024-00672565 Reco-2024-00672565 Reco-2024-00672566 Provide Reco-2024-00672566	Jason PapacosmaArlington CountyJason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 860218 ALCO-2024-00672567 ALCO-2024-00672568 B1 Bioretention #1 (6 inch ponding) ALLOCO ALLOCO <th< td=""><td>Jason Papacosma Arlington County Jason Papacosma Arlington County Jason Papacosma Arlington County</td></th<>	Jason Papacosma Arlington County Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866221 ARLCO-2024-00672569 Is control and contr	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866224ARLCO-2024-0067257218-0016E02/07/2024BB1Bioretention #5 (6 inch ponding)ARLINGTONPASS866224ARLCO-2024-0067257218-0016E02/07/2024BB1Bioretention #5 (6 inch ponding)ARLINGTONPASS866224ARLCO-2024-0067257218-0016E02/07/2024BB1Bioretention #6 (6 inch ponding)ARLINGTONPASS866224ARLCO-2024-0067257218-0016E02/07/2024BB1Bioretention #6 (6 inch ponding)ARLINGTON	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866225 ARLCO-2024-00672573 18-0016F 02/07/2024 BB1 Bioretention #7 (6 inch ponding) ARLINGTON Area Treated Dioretention #8 (6 inch ponding) Dio	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866227 ARLCO-2024-00672575 18-0016H 02/07/2024 BB1 Bioretention #9 (6 inch ponding) ARLINGTON Area Treated Divide MS4 service area Private Yes Both PASS 866228 ARLCO-2024-00672576 18-0016H 02/07/2024 BB1 Bioretention #0 (6 inch ponding) ARLINGTON Area Treated Divide MS4 service area Private Yes Both	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866229 ARLCO-2024-00672577 18-0016J 02/07/2024 BB1 Bioretention #11 (6 inch ponding ARLINGTON Acea Treated Private	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866231 ARLCO-2024-00672579 18-0016L 02/07/2024 BB1 Bioretention #13 (6 inch ponding ARLINGTON PASS 866232 ARLCO-2024-00672579 18-0016L 02/07/2024 BB1 Bioretention #13 (6 inch ponding ARLINGTON PASS 866232 ARLCO-2024-00672580 18-0016M 02/07/2024 BB1 Bioretention #14 (6 inch ponding ARLINGTON Acea Treated Private Yes Both	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866233 ARLCO-2024-00672581 18-0016N 02/07/2024 BB1 Bioretention #15 (6 inch ponding PASS ARLINGTON PL24 38.89541 -77.07900 Inside MS4 service area Private Both PASS 866234 ARLCO-2024-00672582 18-00160 02/07/2024 BV1 Green Roof #1 - 2063 sf ARLINGTON Area Treated Private Yes Both	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 86235 ARLCO-2024-00672583 18-0119A 03/05/2024 BP1 Permeable Pavement ARLINGTON	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 866237 ARLCO-2024-00672585 18-0156A 03/22/2024 BP1 Permeable Pavement ARLINGTON ARLINGTON ARLINGTON ARLINGTON Both Permeable Pavement ARLINGTON ARLINGTON ARLINGTON ARLINGTON ARLINGTON Both Permeable Pavement ARLINGTON ARLINGTON ARLINGTON ARLINGTON Both Permeable Pavement Permeable Pavement ARLINGTON ARLINGTON <th< td=""><td>Jason PapacosmaArlington CountyJason PapacosmaArlington County</td></th<>	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 866239 ARLCO-2024-00672587 18-0156C 03/22/024 BP1 Permeable Pavement ARLNGTON ARLNGTON ARLNGTON ARLNGTON Both Permeable Pavement Permeable Pa	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 866241 ARLCO-2024-00672589 18-0291A 03/12/024 B1 Bioretention AreaTend Dest State Company ARLINGTON ARLINGTON ARLINGTON ARLINGTON ARLINGTON ARLINGTON AreaTend Dest State	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 86243 ARLCO-2024-00672591 18-0291C 03/12/2024 Ba1 Bioretention AreaTread Bot Bioretention Bot PASS 866243 ARLCO-2024-00672591 18-0291C 03/12/2024 Ba1 Bioretention AreaTread Bot Bot Bot PASS 866243 ARLCO-2024-00672591 18-0291C 03/12/2024 Ba1 Bioretention AreaTread Private Privat	Jason PapacosmaArlington CountyJason PapacosmaArlington County
PASS 866245 ARLCO-2024-00672593 18-0291E 03/12/2024 BP1 Permeable Pavement ARLINGTON PASS 866246 ARLCO-2024-00672593 18-0291E 03/12/2024 BP1 Permeable Pavement Permeable Pavement ARLINGTON	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866247ARLCO-2024-0067259518-0291G03/12/2024BB1BioretentionAreaTreatedDiversionPASS866248ARLCO-2024-0067259618-0291H03/12/2024BB1BioretentionAreaTreatedPivateYesBothPASS866247ARLCO-2024-0067259618-0291H03/12/2024BB1BioretentionAreaTreatedPivateYesBothPASS866248ARLCO-2024-0067259618-0291H03/12/2024BB1BioretentionAreaTreatedPivateYesBothPASS866248ARLCO-2024-0067259618-0291H03/12/2024BB1BioretentionAreaTreatedPivateYesBothPASS866248ARLCO-2024-0067259618-0291H03/12/2024BB1BioretentionAreaTreatedPivateYesBothPASS866248ARLCO-2024-0067259618-0291H03/12/2024BB1BioretentionAreaTreatedYesBothPASS866248ARLCO-2024-0067259618-0291H03/12/2024BB1BioretentionAreaTreatedYesBothPASS866248ARLCO-2024-0067259618-0291H03/12/2024BB1BioretentionAreaTreatedYesBothPASS866248ARLCO-2024-0067259618-0291H18-0291H18-0291H18-0291H18-0291H18-0291H18-0291H18-0291H18-0291H18-0291H18-0291H18-0291HPASS866248866248866248866248866248 <td>Jason Papacosma Arlington County Jason Papacosma Arlington County</td>	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866249ARLCO-2024-0067259718-0291103/12/2024BB1BioretentionAreaBothPASS866250ARLCO-2024-0067259818-0291303/12/2024BB1BioretentionAreaBothPASS866250ARLCO-2024-0067259818-0291303/12/2024BB1BioretentionAreaBothPASS866250ARLCO-2024-0067259818-0291303/12/2024BB1BioretentionAreaBothPASS866250ARLCO-2024-0067259818-0291303/12/2024BB1BioretentionAreaBothPASS866250ARLCO-2024-0067259818-0291303/12/2024BB1BioretentionAreaBothPASS866250ARLCO-2024-0067259818-02913 <td>Jason Papacosma Arlington County Jason Papacosma Arlington County</td>	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866251ARLCO-2024-0067259918-0291K03/12/2024BP2Permeable PavementARLINGTONPASS866252ARLCO-2024-0067260018-0291L03/12/2024BB1BioretentionARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONBothPASS866252ARLCO-2024-0067260018-0291L03/12/2024BB1BioretentionARLINGTON <t< td=""><td>Jason Papacosma Arlington County Jason Papacosma Arlington County</td></t<>	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866253 ARLCO-2024-00672601 18-0291M 03/12/2024 BB1 Bioretention Area PASS 866254 ARLCO-2024-00672602 18-0291M 03/12/2024 BB1 Bioretention Area Both PASS 866254 ARLCO-2024-00672602 18-0291M 03/12/2024 BB1 Bioretention Area Both PASS 866254 ARLCO-2024-00672602 18-0291M 03/12/2024 BB1 Bioretention Area Both PASS 866254 ARLCO-2024-00672602 18-0291M 03/12/2024 BB1 Bioretention Area Both PASS 866254 ARLCO-2024-00672602 18-0291M 03/12/2024 BB1 Bioretention ARLINGTON	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866255 ARLCO-2024-00672603 18-02910 03/12/2024 BB1 Bioretention Areated 0.01 0.12 Planter Box #12 (12 inch ponding) ARLINGTON ARLINGTON Areated Private Yes Both PASS 866256 ARLCO-2024-00672604 18-02910 03/12/2024 BP2 Permeable Pavement Yes Both PASS 866256 ARLCO-2024-00672604 18-02910 03/12/2024 BP2 Permeable Pavement Yes Both PASS 866256 ARLCO-2024-00672604 18-02910 03/12/2024 BP2 Permeable Pavement Yes Both PASS 866256 ARLCO-2024-00672604 18-02910 03/12/2024 BP2 Permeable Pavement Yes Both PASS 866256 ARLCO-2024-00672605 18-02910 03/12/2024 BP2 Permeable Pavement Yes Both PASS 866256 ARLCO-2024-00672605 18-02910 03/12/2024 BP2 Permeable Pavement Yes Both	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866257ARLCO-2024-0067260518-0293A06/14/2024BRWCisterns & Rain BarrelsContributing AreaPASS866258ARLCO-2024-0067260618-0293A06/14/2024BRWCisterns & Rain BarrelsContributing AreaPASS866257ARLCO-2024-0067260618-0293A06/14/2024BRWCisterns & Rain BarrelsContributing AreaPASS866258ARLCO-2024-0067260618-0293A06/14/2024BRWCisterns & Rain BarrelsContributing AreaPASS866258ARLCO-2024-0067260718-0293A06/14/2024BRWCisterns & Rain BarrelsContributing AreaPASSPASS866258ARLCO-2024-0067260718-0293A06/14/2024PASSPASSPASSPASSPASSPASSPASS866258ARLCO-2024-0067260718-0293APASSPASSPASSPASSPASSPASSPASSPASSPASSPASSPASS866258PASS9674/2024PASSPASSPA	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866259ARLCO-2024-0067260718-0293C06/14/2024BRWCisterns & Rain BarrelsContributing AreaPASS866260ARLCO-2024-0067260819-0050A19-0050A12/19/2023BB1BioretentionAcRE0.0PASS866260ARLCO-2024-0067260819-0050A19-0050A12/19/2023BB1BioretentionAcRE0.0PASS866260ARLCO-2024-0067260819-0050A19-0050A12/19/2023BB1BioretentionAcRE0.0PASS866260ARLCO-2024-0067260819-0050A19-0050A12/10/2023BB1BioretentionAcRE0.0PASS866260ARLCO-2024-0067260819-0050A19-0050A12/10/2023BB1BioretentionAcREPASS866260ARLCO-2024-0067260010-0050A19-0050A12/10/2023BB1BioretentionBothPASS866260ARLCO-2024-0067260019-0050A19-005	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866261 ARLCO-2024-00672609 19-0050B 12/19/2023 BB1 Bioretention Area Treated No Both PASS 866262 ARLCO-2024-00672610 19-0050C 12/19/2023 BB1 Bioretention Area Treated No Both PASS 866262 ARLCO-2024-00672610 19-0050C 12/19/2023 BB1 Bioretention Area Treated No Both PASS 866262 ARLCO-2024-00672610 19-0050C 12/19/2023 BB1 Bioretention ARLINGTON Area Treated No Both PASS 866262 ARLCO-2024-00672610 19-0050C 12/19/2023 BB1 Bioretention ARLINGTON Area Treated No Both PASS 866262 ARLCO-2024-00672610 19-0050C 12/19/2023 BB1 Bioretention Area Treated Both Bioretention Both PASS 866262 ARLCO-2024-00672610 19-0050C 12/10/2023 BB1 Bioretention Area Treated Both Bioretention Both Bioretention	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS 866263 ARLCO-2024-00672611 19-0050D 12/19/2023 BB1 Bioretention ARLINGTON PASS 866264 ARLCO-2024-00672612 19-0050A 09/10/2023 BB1 Bioretention ARLINGTON Area Treated No Both PASS 866264 ARLCO-2024-00672612 19-0050A 09/10/2023 BB1 Bioretention Area Treated No Both PASS 866264 ARLCO-2024-00672612 19-0050A 09/10/2023 BB1 Bioretention Area Treated No Both PASS 866264 ARLCO-2024-00672612 19-0050A 0.010 0.012 BB1 Bioretention Area Treated No Both PASS 866264 ARLCO-2024-00672612 19-0063A 0.010/2023 BB1 Bioretention Area Treated No Pasted No Pasted PASS 866264 ARLCO-2024-00672612 19-0063A 0.010/2023 BB1 Bioretention Area Treated Pasted <	Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866265ARLCO-2023-0067317519-008A07/05/2022BB1BioretentionAreaTreatedDentPASS866266ARLCO-2024-0067261320-007A07/06/2023BB1BioretentionARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONArea TreatedDentYesBothPASS866267ARLCO-2024-0067261420-007A07/06/2023BB1BioretentionARLINGTON	Jason Papacosma Arlington County Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866267ARLCO-2024-0067261420-007B07/06/2023BB1BioretentionARLINGTONPASS866268ARLCO-2024-0067261520-0010A10/09/2023BB1BioretentionARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONARLINGTONB0thPASS866269ARLCO-2024-0067261520-0010A10/09/2023BB1BioretentionAreatedD010AreatedD010 <t< td=""><td>Jason Papacosma Arlington County Jason Papacosma Arlington County Jason Papacosma Arlington County</td></t<>	Jason Papacosma Arlington County Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866269ARLCO-2024-0067261620-0010B12/01/2023Acres PlantingAcres	Jason Papacosma Arlington County Jason Papacosma Arlington County Jason Papacosma Arlington County
PASS866271ARLCO-2024-0067261820-0077B08/09/2023BGCVegetated Open ChannelsArea TreatedPASS866272ARLCO-2024-0067261920-0077C08/09/2023BGCVegetated Open ChannelsArea TreatedPASS866273ARLCO-2024-0067261920-0077C08/09/2023BGCVegetated Open ChannelsArea TreatedPASS866273ARLCO-2024-0067262020-010A03/26/2024BB1Bioretention #1A (6 inch ponding ARLINGTON)FT.11115Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County Jason Papacosma Arlington County Lason Papacosma Arlington County
PASS866273ARLCO-2024-00672620Q0-100A03/26/2024BB1Bioretention #1A (6 inch pondingARLINGTONPASS866274ARLCO-2024-00672621Q0-100B03/26/2024BB1Bioretention #1A (6 inch pondingARLINGTONPASS866274ARLCO-2024-00672621Q0-100B03/26/2024BB1Bioretention #1A (6 inch pondingARLINGTONPASS866274ARLCO-2024-00672621Q0-100B03/26/2024BB1Bioretention #1B (6 inch pondingARLINGTONPASS866274RALCO-2024-00672621Q0-100B03/26/2024BB1Bioretention #1B (6 inch pondingARLINGTONPASS866274RALCO-2024-00672621Q0-100B93/26/2024BIBioretention #1B (6 inch pondingARLINGTONPASS866274RALCO-2024-00672621Q0-100B93/26/2024BIBioretention #1B (6 inch pondingARLINGTONPASS866274RALCO-2024-00672621RALCO-2024-0067262180/26/2024BIBioretention #1B (6 inch ponding	Jason PapacosmaArlington CountyJason PapacosmaArlington County

866275 866276 866277	ARLCO-2024-00672622 20-0124A ARLCO-2024-00672623 20-0124B ARLCO-2024-00672624 20-0124C	02/13/2024	BB1BioretentionBB1BioretentionBB1Bioretention	Area Treated AC	CRE 0.02 CRE 0.0047 CRE 0.01	0.02 0.24 planter box # 1 (12 inch ponding) ARLINGT 0.0047 0.0564 planter box # 2 (12 inch ponding) ARLINGT 0.01 0.12 planter box # 3 (12 inch ponding) ARLINGT	DN PL24	38.91814 38.91797 38.91800	-77.134100 Inside MS4 service area	Private Yes	Both Both Both	Jason Papacosma Arling Jason Papacosma Arling Jason Papacosma Arling
866278	ARLCO-2024-00672625 20-0124D	02/13/2024	BB1 Bioretention	Area Treated AC	CRE 0.01	0.01 0.12 planter box # 4 (12 inch ponding) ARLINGT	DN PL24	38.91820	01 -77.134072 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arling
866279 866280	ARLCO-2024-00672626 20-0158A ARLCO-2024-00672627 20-0158B		BB1 Bioretention BB2 Bioretention		CRE 0.08 CRE 0.34	0.030.96Urban Bioretention #1 (6 inch ponding)ARLINGT0.213.264Bioretention #2 (6 inch ponding)ARLINGT		38.84420 38.84413			Both Both	Jason Papacosma Arling Jason Papacosma Arling
866281	ARLCO-2024-00672628 20-0158C	01/23/2024	BB1 Bioretention		CRE 0.32	0.16 3.84 Bioretention #3 (6 inch ponding) ARLINGT		38.84403			Both	Jason Papacosma Arling
866282 866283	ARLCO-2024-00672629 20-0158D ARLCO-2024-00672630 20-0163A		BVR1Green RoofsBB1Bioretention		CRE 0.04 CRE 0.4	0.04 0.48 Extensive Green Roof - 1955 sf ARLINGT 0.4 0.0333 Planter Box #1 (12 inch ponding) ARLINGT		38.84322			Both Both	Jason Papacosma Arling Jason Papacosma Arling
866284	ARLCO-2024-00672631 20-0172A	05/22/2024	BB1 Bioretention		CRE 0.6364	0.4386 7.6368 Bioretention (6 inch ponding) ARLINGT		38.91138		Public No	Both	Jason Papacosma Arling
866285 866286	ARLCO-2024-00672632 20-0172B ARLCO-2024-00672633 20-0178A	05/22/2024 02/08/2024	Urban Forest Planting BB1 Bioretention		CRE 0.163 CRE 0.8599	00.1637100 sf (0.1630 ac) reforestationARLINGT0.09880.0717Urban Bioretention #1 (6 inch ponding)ARLINGT		38.91151	 .3 -77.108851 Inside MS4 service area .77.084379 Inside MS4 service area 		Both Both	Jason Papacosma Arling Jason Papacosma Arling
866287	ARLCO-2024-00672634 20-0205A		BB2 Bioretention		CRE 0.0339	0.03 0.32544 Micro-Bioretention (3 inch ponding) ARLINGT		38.88555		Private Yes	Both	Jason Papacosma Arling
866288 866289	ARLCO-2024-00672635 20-0227A ARLCO-2024-00672636 20-0227B	11/16/2023 11/16/2023	BB1 Bioretention BB1 Bioretention	Area Treated AC Area Treated AC	CRE 0.0497 CRE 0.04	0.03260.5964Mircobioretention A (8 inch ponding)ARLINGT0.030.48Microbioretention B (8 inch ponding)ARLINGT		38.85942	 -77.089846 Inside MS4 service area -77.089797 Inside MS4 service area 	Public Yes Public Yes	Both	Jason Papacosma Arling Jason Papacosma Arling
866290	ARLCO-2024-00672637 20-0227C	11/16/2023	BB1 Bioretention	Area Treated AC	CRE 0.05	0.02 0.6 Microbioretention C (7.5 inch ponding) ARLINGT		38.85922		Public Yes	Both	Jason Papacosma Arling
866291 866292	ARLCO-2024-00672638 20-0254A ARLCO-2024-00672639 20-0254B	09/19/2023 09/19/2023	BB1 Bioretention BB1 Bioretention	Area Treated AC Area Treated AC	CRE 0.0087 CRE 0.01	0.0087 0.1044 Planter Box 1 (12 inch ponding) ARLINGT 0.01 0.12 Planter Box 2 (12 inch ponding) ARLINGT		38.84410		Private Yes Private Yes	Both	Jason Papacosma Arling Jason Papacosma Arling
866293	ARLCO-2024-00672640 20-0254C		BB1 Bioretention	Area Treated AC		0.01 0.12 Planter Box 3 (12 inch ponding) ARLINGT		38.84399		Private Yes	Both	Jason Papacosma Arling
866295	ARLCO-2024-00672641 20-0254D ARLCO-2024-00672642 20-0265A	09/19/2023 08/11/2023	BB1BioretentionBB1Bioretention		CRE 0.0059 CRE 0.04	0.0059 0.0708 Planter Box 4 (12 inch ponding) ARLINGT 0.04 0.48 Planter Box #1 (3 inch ponding) ARLINGT		38.84406 38.86228			Both	Jason Papacosma Arling Jason Papacosma Arling
866296 866297	ARLCO-2024-00672643 20-0265B ARLCO-2024-00672644 20-0265C		BB1 Bioretention BB1 Bioretention		CRE 0.04 CRE 0.04	0.040.48Planter Box #2 (3 inch ponding)ARLINGT0.040.48Planter Box #3 (3 inch ponding)ARLINGT		38.86229	 -77.091572 Inside MS4 service area -77.091478 Inside MS4 service area 		Both Both	Jason Papacosma Arling
866298	ARLCO-2024-00672645 20-0265D		BB1 Bioretention		CRE 0.04	0.040.48Planter Box #3 (3 inch ponding)ARLINGT0.040.48Planter Box #4 (3 inch ponding)ARLINGT		38.86229		Private Yes	Both	Jason Papacosma Arling Jason Papacosma Arling
866299 866300	ARLCO-2024-00672646 20-0265E ARLCO-2024-00672647 20-0265F		BB1 Bioretention BB1 Bioretention		CRE 0.04 CRE 0.04	0.040.48Planter Box #5 (3 inch ponding)ARLINGT0.040.48Planter Box #6 (3 inch ponding)ARLINGT		38.86229		Private Yes Private Yes	Both Both	Jason Papacosma Arling Jason Papacosma Arling
866301	ARLCO-2024-00672648 20-0265G		BB1 Bioretention	Area Treated AC		0.040.48Planter Box #0 (3 inch ponding)ARLINGT0.050.6Planter Box #7 (3 inch ponding)ARLINGT		38.86214		Private Yes	Both	Jason Papacosma Arling
866302	ARLCO-2024-00672649 20-0265H ARLCO-2024-00672650 20-0265I	08/11/2023 08/11/2023	BB1 Bioretention BB1 Bioretention		CRE 0.05 CRE 0.05	0.050.6Planter Box #8 (3 inch ponding)ARLINGT0.050.6Planter Box #9 (3 inch ponding)ARLINGT		38.86207 38.86200		Private Yes Private Yes	Both Both	Jason Papacosma Arling Jason Papacosma Arling
866304	ARLCO-2024-00672651 20-0265J	08/11/2023	BB1 Bioretention	Area Treated AC	CRE 0.05	0.05 0.6 Planter Box #10 (3 inch ponding) ARLINGT	DN PL25	38.86186	-77.091277 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arling
866305 866306	ARLCO-2024-00672652 20-0265K ARLCO-2024-00672653 20-0265L	08/11/2023 08/11/2023	BB1 Bioretention BB1 Bioretention	Area Treated AC	CRE 0.05 CRE 0.04	0.050.6Planter Box #11 (3 inch ponding)ARLINGT0.040.48Planter Box #12 (3 inch ponding)ARLINGT		38.86181 38.86180			Both Both	Jason Papacosma Arling Jason Papacosma Arling
866307	ARLCO-2024-00672654 20-0265M	08/11/2023	BB1 Bioretention	Area Treated AC	CRE 0.05	0.05 0.6 Planter Box #13 (3 inch ponding) ARLINGT	DN PL25	38.86178	37 -77.091442 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arling
866308 866309	ARLCO-2024-00672655 20-0265N ARLCO-2024-00672656 20-0265O	08/11/2023 08/11/2023	BB1 Bioretention BB1 Bioretention	Area Treated AC	CRE 0.05	0.050.6Planter Box #14 (3 inch ponding)ARLINGT0.050.6Planter Box #15 (3 inch ponding)ARLINGT		38.86176	 -77.091514 Inside MS4 service area -77.091578 Inside MS4 service area 	Private Yes Private Yes	Both	Jason Papacosma Arling Jason Papacosma Arling
866310	ARLCO-2024-00672657 20-0265P	08/11/2023	BB1 Bioretention	Area Treated AC	CRE 0.05	0.05 0.6 Planter Box #16 (3 inch ponding) ARLINGT	DN PL25	38.86178		Private Yes	Both	Jason Papacosma Arling
866311 866312	ARLCO-2024-00672658 20-0265Q ARLCO-2024-00672659 20-0265R	08/11/2023 08/11/2023	BB1BioretentionBB1Bioretention	Area Treated AC Area Treated AC	CRE 0.05 CRE 0.05	0.050.6Planter Box #17 (3 inch ponding)ARLINGT0.050.6Planter Box #18 (3 inch ponding)ARLINGT		38.86182 38.86189		Private Yes Private Yes	Both	Jason Papacosma Arling Jason Papacosma Arling
866313	ARLCO-2024-00672660 20-0265S	08/11/2023	BB1 Bioretention	Area Treated AC	CRE 0.04	0.04 0.48 Planter Box #19 (3 inch ponding) ARLINGT	DN PL25	38.86195	-77.091587 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arling
866314 866315	ARLCO-2024-00672661 21-0022A ARLCO-2024-00672662 21-0022B	10/02/2023 10/02/2023	BB1BioretentionBB1Bioretention	Area Treated AC Area Treated AC	CRE 0.01 CRE 0.02	0.01 0.12 Planter Box #1 (12 inch ponding) ARLINGT 0.02 0.24 Planter Box #2 (12 inch ponding) ARLINGT		38.91207	 -77.141062 Outside MS4 service area -77.141127 Outside MS4 service area 		Both	Jason Papacosma Arling Jason Papacosma Arling
866316	ARLCO-2024-00672663 21-0022C	10/02/2023	BB1 Bioretention	Area Treated AC	CRE 0.01	0.01 0.12 Planter Box #3 (12 inch ponding) ARLINGT		38.91196			Both	Jason Papacosma Arling
866317 866318	ARLCO-2024-00672664 21-0023A ARLCO-2024-00672665 21-0023B		BB1BioretentionBB1Bioretention	Area Treated AC Area Treated AC	CRE 0.02 CRE 0.01	0.020.24Planter Box #1 (7 inch ponding)ARLINGT0.010.12Planter Box #2 (6 inch ponding)ARLINGT		38.85622 38.85622	26-77.093013Inside MS4 service area20-77.092869Inside MS4 service area		Both Both	Jason Papacosma Arling Jason Papacosma Arling
866319	ARLCO-2024-00672666 21-0023C		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra AC		0.0037 0.0444 Permeable Pavers ARLINGT		38.85615		Private Yes	Both	Jason Papacosma Arling
866320 866321	ARLCO-2024-00672667 21-0023D ARLCO-2024-00672668 21-0023E		BB1BioretentionBB1Bioretention	Area Treated AC Area Treated AC	CRE 0.01 CRE 0.01	0.010.12Planter Box #3 (6 inch ponding)ARLINGT0.010.12Planter Box #4 (6 inch ponding)ARLINGT		38.85633 38.85634			Both	Jason Papacosma Arling Jason Papacosma Arling
866322 866323	ARLCO-2024-00672669 21-0023F ARLCO-2024-00672670 21-0023G		BB1 Bioretention BPP1 Permeable Pavement	Area Treated AC Permeable Pavement w/ Sand, Veg A/B soils, no underdra AC	CRE 0.01 CRE 0.0069	0.010.12Planter Box #5 (6 inch ponding)ARLINGT0.00690.0828Permeable PaversARLINGT		38.85625		Private Yes	Both Both	Jason Papacosma Arling
866323	ARLCO-2024-00672670 21-0023G ARLCO-2024-00672671 21-0032A		BP1Permeable PavementBB1Bioretention		CRE 0.0089	0.0069 0.0828 Permeable Pavers ARLINGT 0.0086 0.1032 Planter Box #1 (12 inch ponding) ARLINGT		38.85627		Private Yes Private Yes	Both	Jason Papacosma Arling Jason Papacosma Arling
866325 866326	ARLCO-2024-00672672 21-0032B ARLCO-2024-00672673 21-0032C		BB1 Bioretention BB1 Bioretention		CRE 0.0051 CRE 0.01	0.0051 0.0612 Planter box #2 (12 inch ponding) ARLINGT 0.01 0.12 Planter box #3 (12 inch ponding) ARLINGT		38.90498 38.90504		Private Yes Private Yes	Both Both	Jason Papacosma Arling Jason Papacosma Arling
866327	ARLCO-2024-00672673 21-0032C ARLCO-2024-00672674 21-0032E		BB2 Bioretention		CRE 0.14	0.010.12Planter box #3 (12 inch ponding)ARLINGT0.11.344Rain Garden (12 inch ponding)ARLINGT		38.90491			Both	Jason Papacosma Arling
866328 866329	ARLCO-2024-00672675 21-0032F ARLCO-2024-00672676 21-0033A		BB2 Bioretention BO Proprietary Stormwater Treatment De		CRE 0.1926	0.14841.84896Rain Garden (12 inch ponding)ARLINGT0.394.68StormFilter 20311HARLINGT		38.90474		Private Yes Public No	Both	Jason Papacosma Arling Jason Papacosma Arling
866330	ARLCO-2024-00672677 21-0033B		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra AC	CRE 0.39	0.4 4.8 Concrete Block Pavers ARLINGT	DN PL25	38.84548		Public No	Both	Jason Papacosma Arling
866331	ARLCO-2024-00672678 21-0044A ARLCO-2024-00672679 21-0044B	01/25/2024	BVR2Green RoofsBVR2Green Roofs	Area Treated AC	CRE 0.01	0.01 0.109090909 Green Roof - Lot 1A ARLINGT 0.01 0.109090909 Green Roof - Lot 2A ARLINGT		38.85053	30-77.089585Inside MS4 service area56-77.089561Inside MS4 service area		Both	Jason Papacosma Arling Jason Papacosma Arling
866333	ARLCO-2024-00672680 21-0061E	07/24/2023	BB1 Bioretention	Area Treated AC	CRE 0.0376	0.0376 0.0031 Planter Box #4 (12 inch ponding) ARLINGT		38.89839			Both	Jason Papacosma Arling
866334 866335	ARLCO-2024-00672681 21-0073A ARLCO-2024-00672682 21-0073B	03/27/2024 03/27/2024	BB1 Bioretention BB1 Bioretention	Area Treated AC Area Treated AC	CRE 0.01 CRE 0.01	0.010.12Planter Box #1 (Ponding 12 inch)ARLINGT0.010.12Planter Box #1 (Ponding 12 inch)ARLINGT		38.90047		Private Yes Private Yes	Both Both	Jason Papacosma Arling Jason Papacosma Arling
866336	ARLCO-2024-00672683 21-0075A	02/27/2024	BB1 Bioretention	Area Treated AC	CRE 0.01	0.01 0.12 Urban Bioretention #1 (12 inch ponding ARLINGT	DN PL24	38.90060	01 -77.153680 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arling
866337 866338	ARLCO-2024-00672684 21-0075B ARLCO-2024-00672685 21-0075C		BB1 Bioretention BB1 Bioretention	Area Treated AC Area Treated AC	CRE 0.02 CRE 0.01	0.020.24Urban Bioretention #2 (12 inch ponding ARLINGT0.010.12Urban Bioretention #3 (12 inch ponding ARLINGT		38.90060		Private Yes Private Yes	Both	Jason Papacosma Arling Jason Papacosma Arling
866339	ARLCO-2024-00672686 21-0084A		BB1 Bioretention		CRE 0.01	0.01 0.12 Planter Box #1 (12 inch ponding depth) ARLINGT		38.85709			Both	Jason Papacosma Arling
866340 866341	ARLCO-2024-00672687 21-0084B ARLCO-2024-00672688 21-0088D	09/28/2023 05/02/2024	BB1BioretentionBB1Bioretention	Area Treated AC Area Treated AC	CRE 0.02 CRE 0.0566	0.020.24Planter Box #2 (12 inch ponding depth)ARLINGT0.05660.0047Planter box #4 (12 inch ponding)ARLINGT		38.85722 38.91500			Both Both	Jason Papacosma Arling Jason Papacosma Arling
866342 866343	ARLCO-2024-00672689 21-0088E ARLCO-2024-00672690 21-0093A		BB1 Bioretention BVR2 Green Roofs	Area Treated AC Area Treated AC	CRE 0.03 CRE 0.0067	0.03 0.36 Planter box #5 (12 inch ponding) ARLINGT 0.0067 0.073090909 Extensive Green Roof #P1 – 292 sf ARLINGT		38.91524 38.88614			Both	Jason Papacosma Arling
866344	ARLCO-2024-00672691 21-0093A		BVR2 Green Roofs	Area Treated AC	CRE 0.007	0.07 0.763636364 Extensive Green Roof #P2 and P3 – 330 ARLINGT		38.88673			Both	Jason Papacosma Arling Jason Papacosma Arling
866345 866346	ARLCO-2024-00672692 21-0093C ARLCO-2024-00672693 21-0093F		BVR2 Green Roofs BVR2 Green Roofs	Area Treated AC	CRE 0.06 CRE 0.02	0.06 0.654545455 Extensive Green Roof #P4 and P5 – 288 ARLINGT 0.02 0.218181818 Extensive Green Roof #P8 – 1140 sf ARLINGT		38.88652 38.88637			Both	Jason Papacosma Arling Jason Papacosma Arling
866347	ARLCO-2024-00672694 21-0093J	05/16/2024	BB1 Bioretention	Area Treated AC	CRE 0.07	0.07 0.0064 Planter Box D (8 inch ponding) ARLINGT	DN PL24	38.88627	70 -77.098968 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arling
866348 866349	ARLCO-2024-00672695 21-0093K ARLCO-2024-00672696 21-0093L	05/16/2024	BB1 Bioretention BB1 Bioretention	Area Treated AC	CRE 0.05 CRE 0.11	0.050.0046Planter Box E (6 inch ponding)ARLINGT0.111.32Planter Box F (6 inch ponding)ARLINGT		38.88620		Private Yes Private Yes	Both Both	Jason Papacosma Arling Jason Papacosma Arling
866350	ARLCO-2024-00672697 21-0093M	05/16/2024	BB1 Bioretention	Area Treated AC	CRE 0.05	0.05 0.6 Planter Box G (6 inch ponding) ARLINGT		38.88635		Private Yes	Both	Jason Papacosma Arling
866351	ARLCO-2024-00672698 21-0093N ARLCO-2024-00672699 21-0093O	05/16/2024 05/16/2024	BB1 Bioretention BB1 Bioretention	Area Treated AC Area Treated AC	CRE 0.04 CRE 0.03	0.040.48Planter Box H (6 inch ponding)ARLINGT0.030.36Planter Box I (6 inch ponding)ARLINGT		38.88647		Private Yes Private Yes	Both	Jason Papacosma Arling Jason Papacosma Arling
866353	ARLCO-2024-00672700 21-0093P	05/16/2024	BB1 Bioretention	Area Treated AC	CRE 0.03	0.03 0.36 Planter Box J (6 inch ponding) ARLINGT		38.88619			Both	Jason Papacosma Arling
866354 866355	ARLCO-2024-00672701 21-0093R ARLCO-2024-00672702 21-0121A	05/16/2024 06/02/2024	BRWCisterns & Rain BarrelsBB1Bioretention	Contributing Area AC Area Treated AC	CRE 0.17 CRE 0.02	0.17 2.04 Cistern ARLINGT 0.02 0.24 Planter Box #1 (6 inch ponding) ARLINGT		38.88616		Private Yes Private Yes	Both	Jason Papacosma Arling Jason Papacosma Arling
866356	ARLCO-2024-00672703 21-0121B ARLCO-2024-00672704 21-0121C	06/02/2024 06/02/2024	BB1BioretentionBPP1Permeable Pavement	Area Treated AC Permeable Pavement w/ Sand, Veg A/B soils, no underdra AC	CRE 0.02 CRE 0.01	0.020.24Planter Box #2 (6 inch ponding)ARLINGT0.010.12Permeable PaverARLINGT		38.91600		Private Yes Private Yes	Both	Jason Papacosma Arling
866357 866358	ARLCO-2024-00672704 21-0121C ARLCO-2024-00672705 21-0126A		BVR2Green Roofs	Area Treated AC	CRE 0.0941	0.010.12Permeable PaverARLINGT0.09410.0081Intensive Green Roof A - 256 sfARLINGT		38.84128		Private Yes	Both	Jason Papacosma Arling Jason Papacosma Arling
866359 866360	ARLCO-2024-00672706 21-0126E ARLCO-2024-00672707 21-0163A		BVR2Green RoofsBB1Bioretention	Area Treated AC Area Treated AC	CRE 0.01 CRE 0.01	0.01 0.109090909 Intensive Green Roof E - 472 sf ARLINGT 0.01 0.12 Planter box 1 (12 inch ponding) ARLINGT		38.84126		Private Yes Private Yes	Both Both	Jason Papacosma Arlin Jason Papacosma Arlin
866361	ARLCO-2024-00672708 21-0163B	08/07/2023	BB1 Bioretention	Area Treated AC	CRE 0.02	0.02 0.24 Planter box 2 (12 inch ponding) ARLINGT	DN PL25	38.85250	05 -77.055452 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arlin
866362 866363	ARLCO-2024-00672709 21-0167B ARLCO-2024-00672710 21-0167D	07/01/2023 07/01/2023	BB1BioretentionBB1Bioretention	Area Treated AC Area Treated AC	CRE 0.79 CRE 0.02	0.790.0658Planter Box #2 (12 inch ponding)ARLINGT0.020.24Planter Box #4 (12 inch ponding)ARLINGT		38.89566 38.89553	 -77.166986 Inside MS4 service area -77.167171 Inside MS4 service area 		Both Both	Jason Papacosma Arlin Jason Papacosma Arlin
866364	ARLCO-2024-00672711 21-0167E	07/01/2023	BB1 Bioretention	Area Treated AC	CRE 0.06	0.06 0.005 Planter Box #5 (12 inch ponding) ARLINGT	DN PL25	38.89555	-77.167380 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arlir
866365 866366	ARLCO-2024-00672712 21-0167F ARLCO-2024-00672713 21-0176A		BPP1Permeable PavementBB1Bioretention	Permeable Pavement w/ Sand, Veg A/B soils, no underdra AC Area Treated AC	CRE 0.01 CRE 0.0075	0.010.12Permeable PaversARLINGT0.00750.09Planter Box #1 (6 inch ponding)ARLINGT		38.89551 38.88730			Both Both	Jason Papacosma Arlir Jason Papacosma Arlir
866367	ARLCO-2024-00672714 21-0176B	03/21/2024	BB1 Bioretention		CRE 0.0085	0.0085 0.102 Planter Box #2 (10 inch ponding) ARLINGT		38.88723			Both	Jason Papacosma Arlir
866368 866369	ARLCO-2024-00672715 21-0176D ARLCO-2024-00672716 21-0176E	03/21/2024 03/21/2024	BB1 Bioretention BB1 Bioretention	Area Treated AC Area Treated AC	CRE 0.0075 CRE 0.0085	0.0075 0.09 Planter Box #3 (6 inch ponding) ARLINGT 0.0085 0.102 Planter Box #4 (10 inch ponding) ARLINGT		38.88726	 -77.154704 Inside MS4 service area -77.154794 Inside MS4 service area 		Both	Jason Papacosma Arlir Jason Papacosma Arlir
866370	ARLCO-2024-00672717 21-0179A	06/07/2024	BB1 Bioretention	Area Treated AC	CRE 0.01	0.01 0.12 Planter Box #1 (10 inch ponding) ARLINGT		38.88563	-77.115945 Inside MS4 service area		Both	Jason Papacosma Arlir
866371 866372	ARLCO-2024-00672718 21-0179B ARLCO-2024-00672719 21-0179C	06/07/2024 06/07/2024	BB1BioretentionBPP1Permeable Pavement	Area Treated AC Permeable Pavement w/ Sand, Veg A/B soils, no underdra AC	CRE 0.01 CRE 0.02	0.010.12Planter Box #2 (9 inch ponding)ARLINGT0.020.24Porous ConcreteARLINGT		38.88563		Private Yes Private Yes	Both	Jason Papacosma Arlir Jason Papacosma Arlir
866373	ARLCO-2024-00672720 21-0179D	06/07/2024	BB1 Bioretention	Area Treated AC	CRE 0.01	0.01 0.12 Planter Box #3 (7 inch ponding) ARLINGT		38.88564		Private Yes	Both	Jason Papacosma Arlir
866374 866375	ARLCO-2024-00672721 21-0179E ARLCO-2024-00672722 21-0179F	06/07/2024 06/07/2024	BB1BioretentionBB1Bioretention	Area Treated AC Area Treated AC	CRE 0.01 CRE 0.01	0.010.12Planter Box #4 (8 inch ponding)ARLINGT0.010.12Porous ConcreteARLINGT		38.88564		Private Yes Private Yes	Both	Jason Papacosma Arli Jason Papacosma Arli
866376	ARLCO-2024-00672723 21-0190A	10/25/2023	BB1 Bioretention	Area Treated AC	CRE 0.02	0.02 0.24 Planter Box #1 (Ponding 12 inch) ARLINGT		38.87691	8 -77.089537 Inside MS4 service area		Both	Jason Papacosma Arlin
866377 866378	ARLCO-2024-00672724 21-0190B ARLCO-2024-00672725 21-0191A		BB1BioretentionBSV1Filter Strip	Area Treated AC Urban Acres Treated AC	CRE 0.02 CRE 0.4495	0.020.24Planter Box #2 (Ponding 12 inch)ARLINGT05.3940.4495 ac forest / open space is being pARLINGT		38.87682 38.92725	-77.089515Inside MS4 service area-77.119076Outside MS4 service area		Both	Jason Papacosma Arlir Jason Papacosma Arlir
866379 866380	ARLCO-2023-00673176 21-0195A ARLCO-2024-00672726 21-0202A	-+++++++	BB1 Bioretention BPP1 Permeable Pavement	Area Treated AC Permeable Pavement w/ Sand, Veg A/B soils, no underdra AC	CRE 0.004 CRE 0.0025	0.004 0.000333333 Planter Box #1 (12 inch ponding) ARLINGT 0.0025 0.03 Permeable Pavers ARLINGT	DN PL24	38.90639			Both Both	Jason Papacosma Arlir
866380	ARLCO-2024-00672727 21-0202B	08/24/2023	BB1 Bioretention	Area Treated AC	CRE 0.02	0.02 0.24 Planter Box # 1 - 12 inch ponding depth ARLINGT	DN PL25	38.8463	-77.066582 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arlir Jason Papacosma Arlir
866382 866383	ARLCO-2024-00672728 21-0202C ARLCO-2024-00672729 21-0202D		BB1 Bioretention BPP1 Permeable Pavement	Area Treated AC Permeable Pavement w/ Sand, Veg A/B soils, no underdra AC	CRE 0.02 CRE 0.01	0.020.24Planter Box # 2 - 12 inch ponding depthARLINGT0.010.12Permeable PaversARLINGT		38.84634 38.84648			Both Both	Jason Papacosma Arlir Jason Papacosma Arlir
866383	ARLCO-2024-00672730 21-0202E	08/24/2023	BB1 Bioretention	Area Treated AC	CRE 0.02	0.02 0.24 Planter box #3 - 12 inch ponding depth ARLINGT		38.84648	21 -77.066646 Inside MS4 service area		Both	Jason Papacosma Arlin Jason Papacosma Arlin
866385 866386	ARLCO-2024-00672731 21-0202F ARLCO-2024-00672732 21-0207A		BB1 Bioretention BVR2 Green Roofs	Area Treated AC Area Treated AC	CRE 0.02 CRE 0.04	0.020.24Planter box #4 - 12 inch ponding depthARLINGT0.040.436363636Extensive Green Roof - 2023sfARLINGT		38.84661 38.85491		Private Yes	Both	Jason Papacosma Arlir Jason Papacosma Arlir
866387	ARLCO-2024-00672733 21-0207B	08/11/2023	BO Proprietary Stormwater Treatment De	evice Area Treated AC	CRE 0.02	0.02 0.24 Bayfilter ARLINGT	DN PL24	38.85535	7 -77.049232 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arlir
866388 866389	ARLCO-2024-00672734 21-0216C ARLCO-2024-00672735 21-0216D		BB1 Bioretention BB1 Bioretention	Area Treated AC Area Treated AC	CRE 0.03 CRE 0.01	0.030.0025PLANTER BOX 1B (12 inch ponding)ARLINGT0.010.12PLANTER BOX #2 (12 inch ponding)ARLINGT		38.89976		Private Yes Private Yes	Both Both	Jason Papacosma Arlir Jason Papacosma Arlir
866390	ARLCO-2024-00672736 21-0216E	11/02/2023	BB1BioretentionBPP2Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra AC	CRE 0.01	0.01 0.109090909 Permeable Pavers ARLINGT	DN PL24	38.89992	-77.108466 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arlin
866391 866392	ARLCO-2024-00672737 21-0222A ARLCO-2024-00672738 21-0222B	07/01/2023 07/01/2023	BB1 Bioretention BB1 Bioretention	Area Treated AC	CRE 0.01 CRE 0.01	0.010.12Planter Box #1 (Ponding 12 inch)ARLINGT0.010.12Planter Box #2 (Ponding 12 inch)ARLINGT		38.88708	 -77.114453 Inside MS4 service area -77.114446 Inside MS4 service area 		Both Both	Jason Papacosma Arlin Jason Papacosma Arlin
	ARLCO-2024-00672739 21-0222C	07/01/2023	BB1 Bioretention	Area Treated AC	CRE 0.0071	0.0071 0.0852 Planter Box #3 (Ponding 12 inch) ARLINGT	DN PL25	38.88715	50 -77.114634 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arling
866393		01/24/2024	BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdraAC	CRE 0.07	0.07 0.84 Synthetic Turf ARLINGT	DN PL24	38.88793	-77.091600 Inside MS4 service area	Private Yes	Both	Jason Papacosma Arling
866393 866394 866395	ARLCO-2024-00672740 21-0232A ARLCO-2024-00672741 21-0232B	01/24/2024	BO Proprietary Stormwater Treatment De	evice Area Treated AC	CRE 0.1	0.1 1.2 Cascade Separator ARLINGT	DN PL24	38.88771	-77.091475 Inside MS4 service area	Drivata	Both	Jason Papacosma A

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866397 A	ARLCO-2023-00673177 21 ARLCO-2024-00672742 21		10/28/2022 07/01/2023	BPP1PermeaBB1Biorete		Permeable Pavement w/ Sand, Veg A/B soils, no underdre A Area Treated	ACRE 0.06 ACRE 0.02	f	0.006 Permeable pavers 0.24 Planter Box #1 (Ponding 12 inch)	ARLINGTON ARLINGTON	PL24 PL24	38.893623 38.894693	-77.102851 Outside MS4 service are -77.140077 Inside MS4 service area		Yes Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
	ARLCO-2024-00672743 21 ARLCO-2023-00673178 21	-0234B -0240B	07/01/2023 10/19/2022	BB1 Biorete BPP1 Perme		rea Treated Permeable Pavement w/ Sand, Veg A/B soils, no underdra	ACRE 0.01 ACRE 0.0084	0.01 0.0084	0.12 Planter Box #2 (Ponding 12 inch) 0.0007 Driveway	ARLINGTON	PL24 PL25	38.894703 38.854727	-77.140214 Inside MS4 service area -77.061793 Inside MS4 service area		Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
		-0240B -0249E	10/06/2022			ermeable Pavement w/ Sand, Veg A/B soils, no underdra Permeable Pavement w/ Sand, Veg A/B soils, no underdra			0891667 Permeable Paver	ARLINGTON	PL25	38.854727 38.879956	-77.095354 Inside MS4 service area		Yes		n Papacosma Anington Cou n Papacosma Arlington Cou
			03/22/2024	BB1 Biorete		Area Treated Area Treated Area Treated Area Treated Area Treated Area Treated Area Area Area Area Area Area Area Area	ACRE 0.02 ACRE 0.01		0.24 planter box #1 (12 inch ponding) 0.12 planter box #2 (12 inch ponding)	ARLINGTON	PL24	38.904965 38.904946	-77.147326 Inside MS4 service area		Yes Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
866403 A	ARLCO-2024-00672746 21	-0250C	03/22/2024	BB1 Biorete	ention A	vrea Treated A	ACRE 0.02	0.02	0.24 planter box #3 (12 inch ponding)	ARLINGTON	PL24	38.904825	-77.147375 Inside MS4 service area	Private	Yes	Both Jason P	n Papacosma Arlington Cou
			03/22/2024 08/02/2023	BPP1 Permea BB1 Biorete		Permeable Pavement w/ Sand, Veg A/B soils, no underdra Area Treated	ACRE 0.0065 ACRE 0.0543	0.0065	0.078 Permeable Pavers 0.6516 Planter 1 (12 inch ponding)	ARLINGTON ARLINGTON	PL24 PL24	38.904795 38.915374	-77.147192 Inside MS4 service area -77.129512 Inside MS4 service area		Yes Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
			08/02/2023	BB1 Biorete		Area Treated	ACRE 0.0379	0.0316	0.0032 Planter 2 (12 inch ponding)	ARLINGTON	PL24	38.915387	-77.129557 Inside MS4 service area		Yes		n Papacosma Arlington Cou
			08/02/2023 08/02/2023	BB1BioreteBB1Biorete		Area Treated Ana Area Treated Ana Area Treated Ana Area Treated Ana Area Area Area Area Area Area Area Are	ACRE 0.03 ACRE 0.0091	0.03 0.0091	0.36 Planter 3 (12 inch ponding) 0.1092 Planter 4 (12 inch ponding)	ARLINGTON ARLINGTON	PL24 PL24	38.915371 38.915577	-77.129335 Inside MS4 service area -77.129324 Inside MS4 service area		Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
			08/02/2023 08/02/2023	BB1 Biorete BPP1 Perme		Area Treated	ACRE 0.0097	0.0097	0.1164 Planter 5 (12 inch ponding)	ARLINGTON	PL24	38.915342	-77.129646 Inside MS4 service area		Yes		n Papacosma Arlington Cou
			05/14/2024	BPP1PermeaBB1Biorete		Permeable Pavement w/ Sand, Veg A/B soils, no underdra Area Treated	ACRE 0.03 ACRE 0.02		0.36 Permeable Pavers 0.24 Planter box#1 (12 inch ponding)	ARLINGTON	PL24 PL24	38.915325 38.902505	-77.129444 Inside MS4 service area -77.156902 Inside MS4 service area		Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
			05/14/2024 05/14/2024	BB1 Biorete BB1 Biorete		Area Treated Avrea Treated Avr	ACRE 0.01	<u> </u>	0.12 Planter box#2 (12 inch ponding)	ARLINGTON	PL24	38.902542 38.902442	-77.156747 Inside MS4 service area -77.156720 Inside MS4 service area		Yes		n Papacosma Arlington Cou
			09/11/2023	BB1BioreteBB1Biorete		Area Treated A	ACRE 0.02 ACRE 0.01		0.24 Planter box#3 (12 inch ponding) 0.12 Planter box #1 (12 inch ponding)	ARLINGTON	PL24 PL25	38.902442	-77.155594 Inside MS4 service area		Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
			09/11/2023 09/11/2023	BB1 Biorete BB1 Biorete		Area Treated Area	ACRE 0.01	<u> </u>	0.12 Planter box #2 (12 inch ponding)	ARLINGTON	PL25	38.880510	-77.155594 Inside MS4 service area -77.155783 Inside MS4 service area		Yes		n Papacosma Arlington Cou
			09/11/2023	BB1BioreteBB1Biorete		Area Treated A	ACRE 0.01 ACRE 0.0088		0.12 Planter box #3 (12 inch ponding) 0.1056 Planter box #4 (12 inch ponding)	ARLINGTON	PL25	38.880556 38.880507	-77.155763 Inside MS4 service area		Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
			08/14/2023 08/14/2023	BB1 Biorete BB1 Biorete		Area Treated Area Treated Area Treated Area Treated Area Treated Area Treated Area Area Area Area Area Area Area Area	ACRE 0.0048	0.0048	0.0576 Planter Box #1 (12 inch ponding)	ARLINGTON	PL24	38.871670 38.871574	-77.087783 Inside MS4 service area -77.087745 Inside MS4 service area		Yes		n Papacosma Arlington Cou
			08/14/2023	BB1 Biorete		vrea Treated A	ACRE 0.01 ACRE 0.01		0.12 Planter Box #2 (12 inch ponding) 0.12 Planter Box #3 (12 inch ponding)	ARLINGTON	PL24 PL24	38.871574	-77.087745 Inside MS4 service area		Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
			08/14/2023 08/14/2023	BB1 Biorete BB1 Biorete		Area Treated Avrea Treated Avr	ACRE 0.006 ACRE 0.02		0.072 Planter Box #4 (12 inch ponding) 0.24 Planter Box #5 (12 inch ponding)	ARLINGTON	PL24	38.871540 38.871616	-77.087859 Inside MS4 service area		Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
			08/14/2023	BB1 Biorete		vrea Treated A	CRE 0.0059	0.0059	0.0708 Planter Box #6 (12 inch ponding)	ARLINGTON	PL24	38.871517	-77.087900 Inside MS4 service area		Yes		n Papacosma Arlington Cou
			08/14/2023 07/03/2023	BB1 Biorete		Area Treated A	ACRE 0.01		0.12 Planter Box #7 (12 inch ponding) 0.1056 planter box (6 inch ponding)	ARLINGTON	PL24	38.871524 38.891843	-77.088031 Inside MS4 service area -77.091105 Inside MS4 service area		Yes		n Papacosma Arlington Co
			07/14/2023	BB1 Biorete		Area Treated A	ACRE 0.0088		0.0092 Planter Box #5 (6 inch ponding)	ARLINGTON	PL24	38.914311	-77.133446 Inside MS4 service area		Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
			07/14/2023 07/14/2023	BB1 Biorete		Area Treated Permeable Pavement w/ Sand, Veg A/B soils, no underdra	ACRE 0.01 ACRE 0.02		0.12 Planter Box #6 (6 inch ponding) 0.24 Permeable Pavers	ARLINGTON	PL24	38.914280 38.914119	-77.133257 Inside MS4 service area -77.133550 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			11/27/2023			rea Treated	ACRE 0.02		7272727 Infiltration trench	ARLINGTON	PL24 PL25	38.886011	-77.114297 Inside MS4 service area		Yes		n Papacosma Arlington Co
			04/25/2023			Permeable Pavement w/ Sand, Veg A/B soils, no underdra		***************************************	0833333 Driveway and Leadwalk	ARLINGTON	PL25	38.903247	-77.102472 Outside MS4 service are		Yes		n Papacosma Arlington Co
	ARLCO-2024-00672773 21 ARLCO-2024-00672774 21	-0310B	08/18/2023 08/18/2023	BB1BioreteBB1Biorete	ention A	Area Treated Area	ACRE 0.01 ACRE 0.01	<u> </u>	0.12 Planter box#1 (12 inch ponding) 0.12 Planter box #2 (12 inch ponding)	ARLINGTON ARLINGTON	PL24 PL24	38.903116 38.903337	-77.102570 Inside MS4 service area -77.102539 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			08/18/2023 08/18/2023			Permeable Pavement w/ Sand, Veg A/B soils, no underdra	ACRE 0.02	0.02	0.24 Permeable pavers 0.0876 Permeable Pavers	ARLINGTON	PL24	38.903184	-77.102400 Inside MS4 service area -77.124459 Inside MS4 service area		Yes		n Papacosma Arlington Co
	ARLCO-2024-00672776 21 ARLCO-2024-00672777 21		08/18/2023 03/04/2024	BPP1PermeaBB1Biorete		ermeable Pavement w/ Sand, Veg A/B soils, no underdra Area Treated	ACRE 0.0073 ACRE 0.01	0.0073 0.01	0.0876 Permeable Pavers 0.12 Planter box 1 (12 inch ponding)	ARLINGTON	PL24 PL25	38.865194 38.865247	-77.124459 Inside MS4 service area -77.124463 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			03/04/2024 03/04/2024	BB1 Biorete		vrea Treated Avrea Treated Avrea	ACRE 0.01	0.01	0.12 Planter box 2 (12 inch ponding)	ARLINGTON	PL25	38.865117 38.865159	-77.124560 Inside MS4 service area -77.124632 Inside MS4 service area		Yes		n Papacosma Arlington Co
			03/04/2024 03/04/2024	BB1BioreteBB1Biorete		Area Treated Area Treated Area Treated Area Treated	ACRE 0.01 ACRE 0.0079	0.01 0.0079	0.12 Planter box 3 (12 inch ponding) 0.0948 Planter box 4 (12 inch ponding)	ARLINGTON	PL25	38.865159 38.865082	-77.124632 Inside MS4 service area -77.124619 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			03/04/2024 03/04/2024	BB1 Biorete	-	Area Treated Permeable Pavement w/ Sand, Veg A/B soils, no underdra	ACRE 0.0086	0.0086	0.1032 Planter box 5 (12 inch ponding) 0.1008 Permeable Pavers	ARLINGTON	PL25	38.865291 38.891765	-77.124631 Inside MS4 service area -77.138473 Inside MS4 service area		Yes	Both Jason P	n Papacosma Arlington Co n Papacosma Arlington Co
			07/01/2023	BB1 Biorete		rea Treated	ACRE 0.0084	0.007	0.084 Planter Box #1 (Ponding 12 inch)	ARLINGTON	PL25	38.891703	-77.138473 Inside MS4 service area		Yes		n Papacosma Arlington Co
			07/01/2023 07/01/2023	BB1 Biorete BPP1 Perme		Area Treated Permeable Pavement w/ Sand, Veg A/B soils, no underdra	ACRE 0.14 ACRE 0.01		1.68 Planter box #2 (Ponding 12 inch) 0.12 Permeable Pavers	ARLINGTON	PL25	38.891658 38.903286	-77.138669 Inside MS4 service area -77.112623 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			08/08/2023	BB1 Biorete		rea Treated	ACRE 0.03		0.36 Planter Box (12 inch ponding)	ARLINGTON	PL25	38.903280	-77.133688 Inside MS4 service area		Yes		n Papacosma Arlington Co
			10/14/2022 10/14/2022	BB1 Biorete		Area Treated Permeable Pavement w/ Sand, Veg A/B soils, no underdra	ACRE 0.01 ACRE 0.01		0833333 Planter box (12" ponding) 0833333 Driveway	ARLINGTON	PL25	38.891070 38.898493	-77.133473 Outside MS4 service are -77.099290 Outside MS4 service are		Yes		n Papacosma Arlington Co
			12/06/2023	BB1 Biorete		rea Treated	ACRE 0.05		0.0042 Rain Garden (Ponding 6 inch)	ARLINGTON	PL25	38.898493	-77.140268 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			07/07/2023 12/29/2023	BO Proprie BB1 Biorete	,	Area Treated Avrea Treated Avr	ACRE 3.8 ACRE 0.01	1.75	45.6 Contech CDS	ARLINGTON	PL25	38.896708 38.896812	-77.150060 Inside MS4 service area -77.150075 Inside MS4 service area		No		n Papacosma Arlington Co
			12/29/2023	BB1 Biorete		Area Treated A	ACRE 0.01		0.12 Planter Box #1 (Ponding 12 inch) 0.12 Planter Box #2 (Ponding 12 inch)	ARLINGTON	PL25	38.896812	-77.149951 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
		-0352C	12/29/2023 12/29/2023	BB1 Biorete BB1 Biorete		Area Treated Avrea Treated Avr	ACRE 0.0057	0.0057	0.0684 Planter Box #3 (Ponding 12 inch)	ARLINGTON	PL25	38.896825 38.896764	-77.149842 Inside MS4 service area -77.149856 Inside MS4 service area		Yes		n Papacosma Arlington Co
	ARLCO-2024-00672792 21 ARLCO-2024-00672793 21	-0352D -0352E	12/29/2023	BB1 Biorete BB1 Biorete		Area Treated A	ACRE 0.0039 ACRE 0.0056	0.0039 0.0056	0.0468 Planter Box #4 (Ponding 12 inch) 0.0672 Planter Box #5 (Ponding 12 inch)	ARLINGTON	PL25	38.896764	-77.149856 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
		-0352F -0353B	12/29/2023 05/18/2023	BPP1 Permea BB1 Biorete		ermeable Pavement w/ Sand, Veg A/B soils, no underdra Area Treated		0.0034	0.0408 Permeable Pavers 0416667 Planter Box #2 (Ponding 12 inch)	ARLINGTON ARLINGTON	PL25	38.915660 38.860396	-77.119773 Inside MS4 service area -77.093573 Inside MS4 service area		Yes		n Papacosma Arlington Co
			03/20/2024			Permeable Pavement w/ Sand, Veg A/B soils, no underdra	ACRE 0.005 ACRE 0.07		0.84 Permeable Pavers	ARLINGTON	PL24 PL25	38.886750	-77.112999 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			09/21/2023 09/21/2023	BB1 Biorete BB1 Biorete		Area Treated Area Treated Area Treated Area Treated Area Treated Area Treated Area Area Area Area Area Area Area Area	ACRE 0.01	0.01	0.12 planter box # 1 (12 inch ponding) 0.12 planter box # 2 (12 inch ponding)	ARLINGTON	PL25	38.886755 38.903282	-77.112874 Inside MS4 service area -77.114508 Inside MS4 service area		Yes		n Papacosma Arlington Cou n Papacosma Arlington Cou
			08/11/2023	BB1 Biorete		Area Treated A	ACRE 0.0077	0.0077	0.0924 Planter box 1 (12 inch ponding)	ARLINGTON	PL25	38.903282	-77.114506 Inside MS4 service area		Yes		n Papacosma Arlington Co
			08/11/2023 08/11/2023	BB1 Biorete		Area Treated A	ACRE 0.0033 ACRE 0.0082	0.0033	0.0396 Planter box 2 (12 inch ponding) 0.0984 Planter box 3 (12 inch ponding)	ARLINGTON	PL24	38.903422 38.903426	-77.114398 Inside MS4 service area -77.114312 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			08/11/2023	222		Permeable Pavement w/ Sand, Veg A/B soils, no underdra			0.12 Permeable Pavers	ARLINGTON	PL24 PL24	38.882276	-77.094935 Inside MS4 service area		Yes		n Papacosma Arlington Co
			07/06/2023 08/03/2023	BB1 Biorete BB1 Biorete		Area Treated Area	ACRE 0.01 ACRE 0.03		0.12 PLANTER BOX (12 inch ponding)	ARLINGTON	PL24	38.901264 38.901388	-77.149693 Inside MS4 service area -77.149566 Inside MS4 service area		Yes		n Papacosma Arlington Co
			08/03/2023	BB1 Biorete		Area Treated A	ACRE 0.03		0.36 Planter box#1 (12 inch ponding) 0.36 Planter box#2 (12 inch ponding)	ARLINGTON	PL24	38.901388	-77.145159 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			03/07/2024 03/07/2024	BB1 Biorete		Area Treated A	ACRE 0.03 ACRE 0.01		0.0025 Detached Planter Box #2 (12 inch 0.0008 Planter Box #4 (12 inch ponding)	pondi ARLINGTON ARLINGTON	PL25	38.873717 38.873749	-77.145226 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			03/07/2024			Permeable Pavement w/ Sand, Veg A/B soils, no underdra			0363636 Permeable Pavers	ARLINGTON	PL25	38.873749	-77.156539 Inside MS4 service area		Yes		n Papacosma Arlington Co
			12/07/2023	BB1 Biorete		vrea Treated	ACRE 0.02	<u> </u>	0.24 Planter Box #1 (Ponding 6 inch)	ARLINGTON	PL24	38.902615	-77.156476 Inside MS4 service area		Yes		n Papacosma Arlington Co
			12/07/2023 11/13/2023	BB1 Biorete BB1 Biorete		Area Treated Area Treated Area Treated Area Treated Area Treated Area Treated Area Area Area Area Area Area Area Area	ACRE 0.01 ACRE 0.01	*****	0.12 Planter Box #2 (Ponding 7 inch) 0.12 Planter Box #1 (12 inch ponding)	ARLINGTON	PL24 PL25	38.878660 38.878623	-77.087195 Inside MS4 service area -77.087237 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			11/13/2023 11/13/2023	BB1 Biorete		Area Treated A	ACRE 0.01		0.12 Planter Box #3 (12 inch ponding)	ARLINGTON	PL25	38.878786 38.878826	-77.087210 Inside MS4 service area -77.087110 Inside MS4 service area		Yes		n Papacosma Arlington Co
		-0056C -0056F	11/13/2023	BB1 Biorete BPP1 Perme		Permeable Pavement w/ Sand, Veg A/B soils, no underdra	ACRE 0.01 ACRE 0.01		0.12 Planter Box #2 (12 inch ponding) 0.12 Permeable Pavers	ARLINGTON	PL25	38.884487	-77.147441 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			03/28/2024 03/28/2024	BB1 Biorete BB1 Biorete		Area Treated Area	ACRE 0.0065 ACRE 0.01	0.0065	0.078 Planter Box #2 (Ponding12 inch) 0.12 Detached Planter #1 (Ponding 12 i	ARLINGTON	PL25	38.884513 38.900025	-77.147615 Inside MS4 service area -77.137005 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
		-0053B	12/05/2023	BB1 Biorete		Area Treated A	ACRE 0.0079	0.0079	0.0948 Planter Box #1 (Ponding 12 inch)	ARLINGTON	PL25	38.905769	-77.136855 Inside MS4 service area		Yes		n Papacosma Arlington Co
			08/02/2023 08/02/2023	BB1 Biorete		Area Treated Area Treated Area Treated Area Treated Area Treated Area Treated Area Area Area Area Area Area Area Area	ACRE 0.01 ACRE 0.0014	0.01	0.12 PLANTER BOX #2 (12 inch ponding 0.0168 PLANTER BOX #1 (12 inch ponding		PL24	38.905608 38.905485	-77.137087 Outside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
		-0064C	08/02/2023	BB1 Biorete		Area Treated A	ACRE 0.0005	0.00014	0.006 PLANTER BOX #3 (12 inch ponding		PL24	38.905516	-77.136779 Inside MS4 service area		Yes		n Papacosma Arlington Co
			08/02/2023 08/17/2023	BPP1 Permea BB1 Biorete		Permeable Pavement w/ Sand, Veg A/B soils, no underdra Area Treated	CRE 0.03	0.03	0.36 Permeable Pavers 0.0158 Rain Garden- 6 inch ponding depth	ARLINGTON ARLINGTON	PL24	38.877397 38.897912	-77.114644 Inside MS4 service area -77.103112 Inside MS4 service area		Yes Yes		n Papacosma Arlington Co n Papacosma Arlington Co
866483 A	ARLCO-2024-00672822 22	-0075C	06/03/2024	BB1 Biorete	ention A	vrea Treated A	ACRE 0.01		0.12 Planter Box #1 (6 inch ponding)	ARLINGTON	PL24	38.897859	-77.103147 Inside MS4 service area	Private	Yes	Both Jason P	n Papacosma Arlington Co
			06/03/2024 06/03/2024	BB1 Biorete BB1 Biorete		Area Treated Area Treated Area Treated Area Treated Area Treated Area Treated Area Area Area Area Area Area Area Area	ACRE 0.0068 ACRE 0.01		0.0816 Planter Box #2 (10 inch ponding) 0.12 Planter Box #3 (12 inch ponding)	ARLINGTON	PL24	38.898028 38.891073	-77.102953 Inside MS4 service area -77.107565 Inside MS4 service area		Yes		n Papacosma Arlington Con Papacosma Arlington Co
866486 A	ARLCO-2024-00672825 22	-0077A	12/20/2023	BB1 Biorete	ention A	vrea Treated A	ACRE 0.03	0.03	0.36 Planter Box #1 (Ponding 12 inch)	ARLINGTON	PL24	38.891286	-77.107509 Inside MS4 service area	Private	Yes	Both Jason P	n Papacosma Arlington C
			12/20/2023 07/19/2023	BB1 Biorete BB1 Biorete		Area Treated Area Treated Area Treated Area Treated Area Treated Area Area Area Area Area Area Area Area	ACRE 0.02 ACRE 0.02		0.24 Planter Box #2 (Ponding 8 inch) 0.24 PLANTER BOX (12 inch ponding)	ARLINGTON	PL24	38.881198 38.871677	-77.098982 Inside MS4 service area -77.084937 Inside MS4 service area		Yes		n Papacosma Arlington Con Papacosma Arlington Co
		-0084E	08/10/2023			ermeable Pavement w/ Sand, Veg A/B soils, no underdra			0.48 Permeable Pavers	ARLINGTON	PL24	38.871756	-77.085008 Inside MS4 service area	Private	Yes		n Papacosma Arlington C
			08/10/2023 11/09/2023	BB1 Biorete BPP1 Perme		Area Treated Permeable Pavement w/ Sand, Veg A/B soils, no underdra	ACRE 0.01 ACRE 0.0099	0.01	0.12 Planter Box # 1 (Detached, Pondin 0.1188 Permeable Pavers	g 12 i ARLINGTON ARLINGTON	PL24 PL25	38.895047 38.895074	-77.118376 Inside MS4 service area -77.118307 Inside MS4 service area		Yes		n Papacosma Arlington C n Papacosma Arlington C
		-0086C	11/09/2023	BB1 Biorete		Area Treated	ACRE 0.0091	0.0091	0.1092 Planter Box #1 (12 inch ponding)	ARLINGTON	PL25	38.895179	-77.118420 Inside MS4 service area		Yes		n Papacosma Arlington Co
			11/09/2023 03/29/2024	BB1 Biorete BB1 Biorete		Area Treated Area Treated Area Treated Area Treated Area Treated Area Treated Area Area Area Area Area Area Area Area	ACRE 0.0241 ACRE 0.01	0.0241	0.002 Planter Box #3 (12 inch ponding) 0.12 planter box (12 inch ponding)	ARLINGTON	PL25	38.883755 38.892143	-77.091544 Inside MS4 service area -77.098628 Inside MS4 service area		Yes		n Papacosma Arlington Con Papacosma Arlington Co
			01/24/2024	BB1 Biorete		Area Treated A	ACRE 0.0042	0.0042	0.0504 Urban Bioretention #1 (12 inch po		PL24	38.892206	-77.098845 Inside MS4 service area		Yes		n Papacosma Arlington C
			01/24/2024	BB1 Biorete BB1 Biorete		Area Treated Area Treated Area Treated Area Treated Area Treated Area Treated Area Area Area Area Area Area Area Area	ACRE 0.02 ACRE 0.0081	0.02	0.24 Detached Urban Bioretention #2 (0.0972 Urban Bioretention #3 (12 inch po		PL24	38.892343 38.892328	-77.098681 Inside MS4 service area -77.098727 Inside MS4 service area		Yes		n Papacosma Arlington C n Papacosma Arlington C
866498 A	ARLCO-2024-00672837 22	-0093E	01/24/2024	BB1 Biorete	ention A	vrea Treated A	ACRE 0.0202	0.0202	0.0017 Urban Bioretention #S2 (12 inch p	ondin ARLINGTON	PL24	38.898222	-77.154254 Inside MS4 service area	Private	Yes	Both Jason P	n Papacosma Arlington C
		-0098A -0101A	08/09/2023 10/03/2023	BB1 Biorete BB1 Biorete		Area Treated Avrea Treated Avr	ACRE 0.01 ACRE 0.01		0.12 Planter Box #1(12 inch ponding) 0.12 Planter Box #1 (Ponding 12 inches	ARLINGTON) ARLINGTON	PL25	38.895520 38.895683	-77.115088 Inside MS4 service area -77.115003 Inside MS4 service area		Yes Yes	+	n Papacosma Arlington Con Papacosma Arlington Co
866501 A	ARLCO-2024-00672840 22	-0101B	10/03/2023	BB1 Biorete	ention A	Area Treated A	ACRE 0.0073	0.0073	0.0876 Planter Box #2 (Ponding 12 inches) ARLINGTON	PL24	38.895659	-77.114918 Inside MS4 service area	Private	Yes	Both Jason P	n Papacosma Arlington C
			10/03/2023 10/03/2023	BB1 Biorete BB1 Biorete		vrea Treated Avrea Treated Avrea	ACRE 0.0073 ACRE 0.01	0.0073	0.0876 Planter Box #3 (Ponding 12 inches 0.12 Planter Box #4 (Ponding 12 inches		PL24 PL24	38.895558 38.899836	-77.114941 Inside MS4 service area -77.106742 Inside MS4 service area		Yes		n Papacosma Arlington Con Papacosma Arlington Co
866504 A	ARLCO-2024-00672843 22	-0102A	08/07/2023		able Pavement P	Permeable Pavement w/ Sand, Veg A/B soils, no underdre	ACRE 0.0054	0.0054	0.12 Planter Box #4 (Ponding 12 Inches 0.0648 PERMEABLE PAVERS	ARLINGTON	PL24 PL24	38.899875	-77.106860 Outside MS4 service are	a Private	Yes		n Papacosma Arlington Con Papacosma Arlington Co
			08/07/2023 08/07/2023	BB1 Biorete BB1 Biorete		Area Treated Avrea Treated Avr	ACRE 0.0067 ACRE 0.0081	0.0067 0.0081	0.0804 PLANTER BOX#1 (12 inch ponding)) ARLINGTON	PL24 PL24	38.899690 38.899753	-77.106854 Inside MS4 service area -77.106776 Inside MS4 service area		Yes		n Papacosma Arlington C
		-0102D	08/07/2023	BB1BioreteBB1Biorete		vrea Treated A	ACRE 0.0081 ACRE 0.0091	0.0081	0.0972 PLANTER BOX #2 (12 inch ponding 0.1092 PLANTER BOX #3 (12 inch ponding	·/	PL24 PL24	38.899753	-77.106776 Inside MS4 service area		Yes		n Papacosma Arlington Co n Papacosma Arlington Co
			08/07/2023	BB1 Biorete BB1 Biorete		Area Treated	ACRE 0.009		0.108 PLANTER BOX #4 (12 inch ponding 0.12 Planter Box #1 (Ponding 12 inch)) ARLINGTON ARLINGTON	PL24	38.907877	-77.150945 Inside MS4 service area		Yes		n Papacosma Arlington C
		-0106D -0106E	11/01/2023 11/01/2023	BB1BioreteBB1Biorete		Area Treated Area Treated A	ACRE 0.01 ACRE 0.02		0.12 Planter Box #1 (Ponding 12 inch) 0.24 Planter Box #2 (Ponding 12 inch)	ARLINGTON	PL24 PL24	38.907720 38.907782	-77.151025 Inside MS4 service area -77.150858 Inside MS4 service area		Yes		n Papacosma Arlington Cc n Papacosma Arlington Cc
	ARLCO-2024-00672850 22	-0106F	11/01/2023	BB1 Biorete	ention A	vrea Treated A	ACRE 0.01	0.01	0.12 Planter Box #3 (Ponding 12 inch)	ARLINGTON	PL24	38.907674	-77.150934 Inside MS4 service area	Private	Yes	Both Jason P	n Papacosma Arlington Co
	ARLCO-2024-00672851 22		11/01/2023 05/29/2024	BPP1PermeaBB1Biorete		Permeable Pavement w/ Sand, Veg A/B soils, no underdra Area Treated	ACRE 0.0099 ACRE 0.0076	0.0099 0.0076	0.1188 Permeable Pavers 0.0912 Planter Box #1 (6 inch ponding)	ARLINGTON ARLINGTON	PL24 PL25	38.897739 38.897718	-77.146902 Inside MS4 service area -77.146970 Inside MS4 service area		Yes Yes		n Papacosma Arlington Co n Papacosma Arlington Co
866512 A	ARLCO-2024-00672852 22	-0107B	00/20/2021						· · · · · · · · · · · · · · · · · · ·		PL25						
866512 A 866513 A 866514 A	ARLCO-2024-0067285222ARLCO-2024-0067285322ARLCO-2024-0067285422	-0107C	05/29/2024	BB1 Biorete BVR1 Green		Area Treated Ana Area Treated Area Treated Area Treated Area Area Area Area Area Area Area Area	ACRE 0.01 ACRE 0.0062	0.01	0.12 Planter box 2 (12 inch ponding) 0.0744 Vegetative Roof #1	ARLINGTON ARLINGTON	PL25	38.897540 38.896804	-77.146872 Inside MS4 service area -77.160482 Inside MS4 service area		Yes	· · · · · · · · · · · · · · · · · · ·	n Papacosma Arlington Cou n Papacosma Arlington Cou

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866518 ARLCO-2024-00672857 22-0108C	12/05/2023 BB1 12/05/2023 BPP1	Bioretention Permeable Pavement		01 0.01 0.12 Planter Box #2 (Ponding 12 inch) ARLINGTON Image: Constraint of the second se	PL25 38.896743 -77.160462 Inside MS4 service area Private Yes Both Jason Pap PL25 38.924439 -77.128789 Inside MS4 service area Private Yes Both Jason Pap
866519 ARLCO-2024-00672858 22-0111A	12/04/2023 BB1	Bioretention	Area Treated ACRE 0.00	38 0.0038 0.0456 PLANTER BOX #1 (12 inch ponding) ARLINGTON	PL24 38.924581 -77.128917 Inside MS4 service area Private Yes Both Jason Pap
866520ARLCO-2024-0067285922-0111B866521ARLCO-2024-0067286022-0111C	12/04/2023 BB1 12/04/2023 BB1	Bioretention Bioretention	Area TreatedACRE0Area TreatedACRE0.00	04 0.04 0.48 PLANTER BOX #2 (12 inch ponding) ARLINGTON 27 0.0027 0.0324 PLANTER BOX #3 (12 inch ponding) ARLINGTON Image: Comparison of the second	PL2438.924479-77.129040Inside MS4 service areaPrivateYesBothJason PapPL2438.883089-77.132663Inside MS4 service areaPrivateYesBothJason Pap
866522 ARLCO-2024-00672861 22-0112C	04/01/2024 BB1	Bioretention	Area Treated ACRE 0	01 0.01 0.12 Planter Box #1 (12 inch ponding) ARLINGTON	PL25 38.883223 -77.132603 Inside MS4 service area Private Yes Both Jason Pap
866523 ARLCO-2024-00672862 22-0112D 866524 ARLCO-2024-00672863 22-0112E	04/01/2024 BB1 04/01/2024 BB1	Bioretention Bioretention		D20.020.24Planter Box #2 (12 inch ponding)ARLINGTOND10.010.12Planter Box #5 (6 inch ponding)ARLINGTON	PL2538.883195-77.132725Inside MS4 service areaPrivateYesBothJason PapPL2538.883229-77.132768Inside MS4 service areaPrivateYesBothJason Pap
866525 ARLCO-2024-00672864 22-0112I	03/04/2024 BB1	Bioretention	Area Treated ACRE 0	0.02 0.24 Urban Bioretention #3 (12 inch ponding ARLINGTON	PL25 38.883383 -77.132692 Inside MS4 service area Private Yes Both Jason Pap
866526 ARLCO-2024-00672865 22-0112J 866527 ARLCO-2024-00672866 22-0112K	03/04/2024 BB1 03/04/2024 BB1	Bioretention Bioretention		D20.020.24Urban Bioretention #4 (11 inch pondingARLINGTOND10.010.12Urban Bioretention #6 (6 inch ponding)ARLINGTON	PL2538.883351-77.132816Inside MS4 service areaPrivateYesBothJason PapPL2538.880919-77.131377Inside MS4 service areaPrivateYesBothJason Pap
866528 ARLCO-2024-00672867 22-0116A	03/27/2024 BB1	Bioretention	Area Treated ACRE 0	0.01 0.12 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL25 38.880759 -77.131444 Inside MS4 service area Private Yes Both Jason Pap
866529 ARLCO-2024-00672868 22-0116B 866530 ARLCO-2024-00672869 22-0116C	03/27/2024 BB1 03/27/2024 BB1	Bioretention	Area TreatedACRE0Area TreatedACRE0.02	02 0.02 0.24 Planter Box #2 (Ponding 12 inch) ARLINGTON 17 0.0117 0.001 Planter Box #3 (Ponding 12 inch) ARLINGTON	PL25 38.880829 -77.131305 Inside MS4 service area Private Yes Both Jason Pap PL25 38.880762 -77.131304 Inside MS4 service area Private Yes Both Jason Pap
866531 ARLCO-2024-00672870 22-0116D	03/27/2024 BPP1	Permeable Pavement		01 0.01 0.12 Permeable Pavers ARLINGTON	PL2538.903946-77.153315Inside MS4 service areaPrivateYesBothJason Pap
866532ARLCO-2024-0067287122-0120A866533ARLCO-2024-0067287222-0120B	11/13/2023 BB1 11/13/2023 BB1	Bioretention Bioretention		D2 0.02 0.24 Planter Box #1 (12 inch ponding) ARLINGTON D2 0.02 0.24 Planter box #2 (12 inch ponding) ARLINGTON	PL24 38.904181 -77.153275 Inside MS4 service area Private Yes Both Jason Pap PL24 38.903974 -77.153184 Inside MS4 service area Private Yes Both Jason Pap
866534 ARLCO-2024-00672873 22-0120C	11/13/2023 BB1	Bioretention		D20.020.24Planter box #2 (12 inch ponding)ARLINGTOND20.020.24Planter box #3 (12 inch ponding)ARLINGTON	PL2438.878434-77.088827Inside MS4 service areaPrivateYesBothJason Pap
866535ARLCO-2024-0067287422-0123A866536ARLCO-2024-0067287522-0128A	08/02/2023 BB1 11/01/2023 BB1	Bioretention Bioretention		04 0.04 0.48 planter box # 1 (12 inch ponding) ARLINGTON 01 0.01 0.12 Planter #1 (Ponding 12 inch) ARLINGTON ARLINGTON	PL25 38.889650 -77.124695 Inside MS4 service area Private Yes Both Jason Pap PL25 38.890143 -77.152775 Inside MS4 service area Private Yes Both Jason Pap
866537 ARLCO-2024-00672876 22-0131B	11/02/2023 BB1	Bioretention		D2 0.02 0.24 Detached Planter Box # 1 (Ponding 12 ii ARLINGTON	PL2538.890307-77.152821Inside MS4 service areaPrivateYesBothJason Pap
866538ARLCO-2024-0067287722-0131C866539ARLCO-2024-0067287822-0131F	11/02/2023BB111/02/2023BPP1	Bioretention Permeable Pavement		0.10.010.12Detached Planter Box # 2 (Ponding 12 iARLINGTON0.10.010.12Permeable PaversARLINGTON	PL25 38.890293 -77.152741 Inside MS4 service area Private Yes Both Jason Pap PL25 38.892707 -77.136570 Inside MS4 service area Private Yes Both Jason Pap
866539 ARLCO-2024-00672878 22-0131F 866540 ARLCO-2024-00672879 22-0132A	10/02/2023 BP1 BB1	Bioretention		D1 0.01 0.12 Permeable Pavers ARCINGTON D1 0.01 0.12 PLANTER BOX #1 (12 inch ponding) ARLINGTON Image: Contract of the pavers	PL2338.851334-77.111367Inside MS4 service areaPrivateYesBothJason Pap
866541 ARLCO-2024-00672880 22-0135C	04/01/2024 BB1	Bioretention		0.01 0.02 PLANTER BOX #1 (12 inch ponding) ARLINGTON	PL25 38.851342 -77.11189 Inside MS4 service area Private Yes Both Jason Pap DL25 28.014475 77.112412 Inside MS4 service area Private Yes Both Jason Pap
866542ARLCO-2024-0067288122-0135D866543ARLCO-2024-0067288222-0138A	04/01/2024 BB1 04/03/2024 BB1	Bioretention Bioretention		0.1 0.01 0.12 PLANTER BOX #2 (12 inch ponding) ARLINGTON 02 0.02 0.24 Planter Box #1 (Ponding 12 inch) ARLINGTON Image: Content of the second secon	PL2538.914475-77.113412Inside MS4 service areaPrivateYesBothJason PapPL2438.914517-77.113264Inside MS4 service areaPrivateYesBothJason Pap
866544 ARLCO-2024-00672883 22-0138B	04/03/2024 BB1	Bioretention	Area Treated ACRE 0	0.01 0.12 Planter Box #2 (Ponding 12 inch) ARLINGTON	PL24 38.914383 -77.113201 Inside MS4 service area Private Yes Both Jason Pap
866545ARLCO-2024-0067288422-0138C866546ARLCO-2024-0067288522-0140A	04/03/2024 BB1 09/28/2023 BB1	Bioretention		0.1 0.01 0.12 Planter Box #3 (Ponding 12 inch) ARLINGTON 02 0.02 0.24 Planter box#1 (12 inch ponding) ARLINGTON	PL24 38.879976 -77.145876 Outside MS4 service area Private Yes Both Jason Pap PL25 38.879925 -77.145579 Inside MS4 service area Private Yes Both Jason Pap
866547 ARLCO-2024-00672886 22-0140B	09/28/2023 BB1	Bioretention	Area Treated ACRE 0	0.02 0.02 0.24 Planter box#2 (12 inch ponding) ARLINGTON	PL25 38.880748 -77.156022 Inside MS4 service area Private Yes Both Jason Pap
866548ARLCO-2024-0067288722-0142B866549ARLCO-2024-0067288822-0142C	10/06/2023 BB1 10/06/2023 BB1	Bioretention		D20.020.24Planter box 1 (12 inch ponding)ARLINGTOND10.010.12Planter box 2 (12 inch ponding)ARLINGTON	PL2538.880823-77.156257Inside MS4 service areaPrivateYesBothJason PapPL2538.880748-77.156309Inside MS4 service areaPrivateYesBothJason Pap
866550 ARLCO-2024-00672889 22-0142E	10/06/2023 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE 0.00	43 0.0043 0.0516 Permeable Pavers ARLINGTON	PL2538.906518-77.124158Inside MS4 service areaPrivateYesBothJason Pap
866551ARLCO-2024-0067289022-0143A866552ARLCO-2024-0067289122-0144A	08/15/2023 BB1 08/07/2023 BB1	Bioretention Bioretention	Area TreatedACRE0.00Area TreatedACRE0	72 0.0072 0.0864 PLANTER BOX #1 (12 inch ponding) ARLINGTON	PL25 38.919452 -77.134780 Inside MS4 service area Private Yes Both Jason Pap PL24 38.919420 -77.134893 Inside MS4 service area Private Yes Both Jason Pap
866552 ARLCO-2024-00672891 22-0144A 866553 ARLCO-2024-00672892 22-0144B	08/07/2023 BPP1	Permeable Pavement		02 0.02 0.24 Permeable Paver ARLINGTON	PL24 38.891430 -77.088848 Inside MS4 service area Private Yes Both Jason Pap
866554 ARLCO-2024-00672893 22-0145E	09/27/2023 BB1	Bioretention	Area Treated ACRE 0	04 0.04 0.48 Planter box#1 (12 inch ponding) ARLINGTON	PL24 38.891640 -77.088820 Inside MS4 service area Private Yes Both Jason Pap
866555ARLCO-2024-0067289422-0145F866556ARLCO-2024-0067289522-0147A	09/27/2023 BPP1 06/10/2024 BB1	Permeable Pavement Bioretention		0.1 0.01 0.12 Permeable Paver ARLINGTON 05 0.05 0.6 Planter Box #1 (12 inch ponding) ARLINGTON Image: Comparison of the second	PL2438.886125-77.091471Inside MS4 service areaPrivateYesBothJason PapPL2438.886230-77.091816Inside MS4 service areaPrivateYesBothJason Pap
866557 ARLCO-2024-00672896 22-0147B	06/10/2024 BB1	Bioretention	Area Treated ACRE 0	02 0.02 0.24 Planter Box #2 (12 inch ponding) ARLINGTON	PL24 38.856025 -77.064174 Inside MS4 service area Private Yes Both Jason Pap
866558ARLCO-2024-0067289722-0150A866559ARLCO-2024-0067289822-0150B	11/29/2023 BB1 11/29/2023 BB1	Bioretention Bioretention		0.1 0.01 0.12 Planter Box # 1 (Ponding 12 inch) ARLINGTON 01 0.01 0.12 Planter Box #2 (Ponding 6 inch) ARLINGTON	PL25 38.856148 -77.064061 Inside MS4 service area Private Yes Both Jason Pap PL25 38.904496 -77.153923 Inside MS4 service area Private Yes Both Jason Pap
866560 ARLCO-2024-00672899 22-0152A	01/16/2024 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE 0	01 0.01 0.12 Permeable Pavers ARLINGTON	PL24 38.904371 -77.153912 Inside MS4 service area Private Yes Both Jason Pap
866561ARLCO-2024-0067290022-0152B866562ARLCO-2024-0067290122-0152C	01/16/2024 BB1 01/16/2024 BB1	Bioretention		D2 0.02 0.24 Planter Box #1 (Ponding 12 inch) ARLINGTON D2 0.02 0.24 Planter Box #2 (Ponding 12 inch) ARLINGTON	PL2438.904286-77.154060Inside MS4 service areaPrivateYesBothJason PapPL2438.882169-77.151801Inside MS4 service areaPrivateYesBothJason Pap
866563 ARLCO-2024-00672902 22-0156C	03/21/2024 BB1	Bioretention		D1 0.01 0.12 planter box # 1 (12 inch ponding) ARLINGTON	PL24S8.882109-77.151766Inside MS4 service areaPrivatePrivateBothJason PapPL2538.882288-77.151766Inside MS4 service areaPrivateYesBothJason Pap
866564ARLCO-2024-0067290322-0156D866565ARLCO-2024-0067290422-0163A	03/21/2024 BB1 07/24/2023 BB1	Bioretention		0.10.010.12planter box # 2 (12 inch ponding)ARLINGTON020.020.24Planter box (12 inch ponding)ARLINGTON	PL2538.862874-77.099727Inside MS4 service areaPrivateYesBothJason PapPL2438.902224-77.159702Inside MS4 service areaPrivateYesBothJason Pap
866566 ARLCO-2024-00672904 22-0163A 22-0168A	11/17/2023 BB1	Bioretention Bioretention		D2 0.02 0.24 Planter box (12 inch ponding) ARLINGTON D4 0.04 0.48 Planter box (12 inch ponding) ARLINGTON Image: Comparison of the second se	PL2438.902224-77.159702Inside MS4 service areaPrivateYesBothJason PapPL2438.855440-77.056987Inside MS4 service areaPrivateYesBothJason Pap
866567 ARLCO-2024-00672906 22-0169B	07/07/2023 BB1	Bioretention		01 0.01 0.12 Planter box#1 (12 inch ponding) ARLINGTON	PL24 38.855358 -77.056866 Inside MS4 service area Private Yes Both Jason Pap
866568ARLCO-2024-0067290722-0169C866569ARLCO-2024-0067290822-0169D	07/07/2023 BB1 07/07/2023 BPP1	Bioretention Permeable Pavement		0.1 0.01 0.12 Planter box#2 (12 inch ponding) ARLINGTON 01 0.01 0.12 Permeable Paver ARLINGTON	PL24 38.855577 -77.056962 Inside MS4 service area Private Yes Both Jason Pap PL24 38.874058 -77.142302 Inside MS4 service area Private Yes Both Jason Pap
866570 ARLCO-2024-00672909 22-0172C	10/25/2023 BB1	Bioretention		0.01 0.12 Planter Box #1 (Ponding 6 inch) ARLINGTON	PL25 38.903382 -77.138247 Inside MS4 service area Private Yes Both Jason Pap
866571ARLCO-2024-0067291022-0173A866572ARLCO-2024-0067291122-0174C	08/29/2023 BB1 07/28/2023 BB1	Bioretention Bioretention		0.02 0.02 0.24 Planter box (12 inch ponding) ARLINGTON 01 0.01 0.12 Planter box # 3 (12 inch ponding) ARLINGTON Image: Control of the second	PL24 38.874076 -77.093355 Inside MS4 service area Private Yes Both Jason Pap PL24 38.874082 -77.093249 Inside MS4 service area Private Yes Both Jason Pap
866573 ARLCO-2024-00672912 22-0174D	07/28/2023 BB1	Bioretention	Area Treated ACRE 0.00	31 0.0081 0.0972 Planter box # 4 (12 inch ponding) ARLINGTON	PL24 38.874238 -77.093274 Inside MS4 service area Private Yes Both Jason Pap
866574ARLCO-2024-0067291322-0174E866575ARLCO-2024-0067291422-0174F	07/28/2023 BB1 07/28/2023 BB1	Bioretention	Area TreatedACRE0.00Area TreatedACRE0	79 0.0079 0.0948 Planter box # 1 (12 inch ponding) ARLINGTON 01 0.01 0.12 Planter box # 2 (12 inch ponding) ARLINGTON	PL24 38.874212 -77.093389 Inside MS4 service area Private Yes Both Jason Pap PL24 38.896122 -77.156029 Inside MS4 service area Private Yes Both Jason Pap
866576 ARLCO-2024-00672915 22-0176B	08/25/2023 BB1	Bioretention	Area Treated ACRE 0	01 0.01 0.12 Planter box (12 inch ponding) ARLINGTON	PL2538.896210-77.156128Inside MS4 service areaPrivateYesBothJason Pap
866577 ARLCO-2024-00672916 22-0176E 866578 ARLCO-2024-00672917 22-0179A	08/25/2023 BPP1 12/29/2023 BPP1	Permeable Pavement Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE0Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE0.00	01 0.01 0.12 Permeable Paver ARLINGTON 11 0.0011 0.0132 Permeable Pavers ARLINGTON Image: Comparison of Comparis	PL2538.905356-77.154518Inside MS4 service areaPrivateYesBothJason PapPL2438.905224-77.154397Inside MS4 service areaPrivateYesBothJason Pap
866579 ARLCO-2024-00672918 22-0179B	12/29/2023 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE 0	O1 0.01 0.12 Permeable Pavers ARLINGTON	PL2438.905007-77.154542Inside MS4 service areaPrivateYesBothJason Pap
866580ARLCO-2024-0067291922-0179K866581ARLCO-2024-0067292022-0180A	12/29/2023 BB1 11/09/2023 BB1	Bioretention	Area TreatedACRE0.08Area TreatedACRE0	49 0.0849 0.0071 PLANTER BOX #5 (Ponding 12 inch) ARLINGTON 01 0.01 0.12 Detached Planter Box #1 (Ponding 12 ir ARLINGTON) ARLINGTON	PL24 38.906134 -77.104180 Inside MS4 service area Private Yes Both Jason Pap PL24 38.906180 -77.104050 Inside MS4 service area Private Yes Both Jason Pap
866582 ARLCO-2024-00672920 22-0180A 22-0180A	11/09/2023 BB1	Bioretention		D1 0.01 0.12 Detached Planter Box #1 (Ponding 12 in ARLINGTON D2 0.02 0.24 Detached Planter Box #2 (Ponding 12 in ARLINGTON	PL24 38.862491 -77.072319 Inside MS4 service area Private Yes Both Jason Pap
866583 ARLCO-2024-00672922 22-0181C	05/31/2024 BB1	Bioretention		0.10.010.12Planter Box #1 (Ponding 9 inch)ARLINGTON0.00930.1116Planter Box #2 (Ponding 8 inch)ARLINGTON	PL2438.862483-77.072224Inside MS4 service areaPrivateYesBothJason PapPL2438.862490-77.072135Inside MS4 service areaPrivateYesBothJason Pap
866584ARLCO-2024-0067292322-0181D866585ARLCO-2024-0067292422-0181E	05/31/2024 BB1 05/31/2024 BB1	Bioretention	Area TreatedACRE0.00Area TreatedACRE0	0.0093 0.1116 Planter Box # 2 (Ponding 8 inch) ARLINGTON 01 0.01 0.12 Planter Box #3 (Ponding 8 inch) ARLINGTON	PL2438.862490-77.072135Inside MS4 service areaPrivateYesBothJason PapPL2438.862610-77.072319Inside MS4 service areaPrivateYesBothJason Pap
866586 ARLCO-2024-00672925 22-0181F	05/31/2024 BB1	Bioretention		0.001 0.012 Planter Box #4 (Ponding 12 inch) ARLINGTON	PL24 38.918486 -77.120286 Inside MS4 service area Private Yes Both Jason Pap
866587ARLCO-2024-0067292622-0182D866588ARLCO-2024-0067292722-0182E	10/11/2023 BB1 10/11/2023 BB1	Bioretention Bioretention		0.1 0.01 0.12 Planter box 1 (12 inch ponding) ARLINGTON 01 0.01 0.12 Planter box 2 (12 inch ponding) ARLINGTON Image: Comparison of the second seco	PL2438.918600-77.120359Outside MS4 service areaPrivateYesBothJason PapPL2438.918606-77.120463Outside MS4 service areaPrivateYesBothJason Pap
866589 ARLCO-2024-00672928 22-0182F	10/11/2023 BB1	Bioretention	Area Treated ACRE 0	01 0.01 0.12 Planter box 3 (12 inch ponding) ARLINGTON	PL24 38.918417 -77.120438 Outside MS4 service area Private Yes Both Jason Pap
866590ARLCO-2024-0067292922-0182G866591ARLCO-2024-0067293022-0183A	10/11/2023BPP110/31/2023BB1	Permeable Pavement Bioretention		0.1 0.01 0.12 Driveway ARLINGTON 01 0.01 0.12 Planter Box #1 (12 inch Ponding) ARLINGTON Image: Content of the second s	PL24 38.856217 -77.057011 Inside MS4 service area Private Yes Both Jason Pap PL24 38.892204 -77.109235 Inside MS4 service area Private Yes Both Jason Pap
866592 ARLCO-2024-00672931 22-0185A	07/14/2023 BB1	Bioretention	Area Treated ACRE 0	01 0.01 0.12 PLANTER BOX #1 (12 inch ponding) ARLINGTON	PL24 38.892201 -77.109351 Inside MS4 service area Private Yes Both Jason Pap
866593ARLCO-2024-0067293222-0185B866594ARLCO-2024-0067293322-0186C	07/14/2023 BB1 07/28/2023 BB1	Bioretention Bioretention	Area TreatedACRE0Area TreatedACRE0.02	0.1 0.01 0.12 PLANTER BOX #2 (12 inch ponding) ARLINGTON 13 0.0113 0.1356 planter box #1 (12 inch ponding) ARLINGTON	PL2438.903638-77.146526Inside MS4 service areaPrivateYesBothJason PapPL2438.903779-77.146345Inside MS4 service areaPrivateYesBothJason Pap
866595 ARLCO-2024-00672934 22-0186D	07/28/2023 BB1	Bioretention		D2 0.02 0.24 planter box # 2 (12 inch ponding) ARLINGTON	PL2438.903748-77.146336Inside MS4 service areaPrivateYesBothJason Pap
866596ARLCO-2024-0067293522-0186E866597ARLCO-2024-0067293622-0189B	07/28/2023 BB1 11/17/2023 BB1	Bioretention	Area TreatedACRE0.00Area TreatedACRE0		PL2438.894888-77.108254Inside MS4 service areaPrivateYesBothJason PapPL2438.894973-77.108214Inside MS4 service areaPrivateYesBothJason Pap
866597 ARLCO-2024-00672936 22-0189B 866598 ARLCO-2024-00672937 22-0189C	11/17/2023 BB1	Bioretention Bioretention	Area Treated ACRE 0	01 0.01 0.12 Planter box 1 (12 inch ponding) ARLINGTON 02 0.02 0.24 Planter box 2 (12 inch ponding) ARLINGTON	PL2438.894973-77.108214Inside MS4 service areaPrivateYesBothJason PapPL2438.899553-77.080475Inside MS4 service areaPrivateYesBothJason Pap
866599 ARLCO-2024-00672938 22-0190A	10/17/2023 BB1 10/17/2023 BB1	Bioretention Bioretention	Area TreatedACRE0Area TreatedACRE0.00	01 0.01 0.12 PLANTER BOX #1 (12 inch ponding) ARLINGTON 45 0.0045 0.054 PLANTER BOX #2 (12 inch ponding) ARLINGTON	PL2438.899548-77.080534Inside MS4 service areaPrivateYesBothJason PapPL2438.899559-77.080412Inside MS4 service areaPrivateYesBothJason Pap
866600ARLCO-2024-0067293922-0190B866601ARLCO-2024-0067294022-0190C	10/17/2023 BB1 10/17/2023 BB1	Bioretention	Area TreatedACRE0.00Area TreatedACRE0.00		PL2438.899559-77.080412Inside MS4 service areaPrivateYesBothJason PapPL2438.892955-77.123487Inside MS4 service areaPrivateYesBothJason Pap
866602 ARLCO-2024-00672941 22-0192A	06/11/2024 BB1	Bioretention	Area Treated ACRE 0.00 Area Treated ACRE 0.00		PL25 38.893033 -77.123398 Inside MS4 service area Private Yes Both Jason Pap
866603ARLCO-2024-0067294222-0192B866604ARLCO-2024-0067294322-0192C	06/11/2024 BB1 06/11/2024 BB1	Bioretention Bioretention	Area TreatedACRE0.00Area TreatedACRE0	59 0.0069 0.0828 Planter box #2 (12 inch ponding) ARLINGTON 01 0.01 0.12 Planter box #3 (12 inch ponding) ARLINGTON Image: Comparison of the second	PL2538.892961-77.123313Inside MS4 service areaPrivateYesBothJason PapPL2538.892882-77.123474Inside MS4 service areaPrivateYesBothJason Pap
866605 ARLCO-2024-00672944 22-0192D	06/11/2024 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE 0	01 0.01 0.12 Permeable pavement ARLINGTON	PL25 38.890741 -77.134087 Inside MS4 service area Private Yes Both Jason Pap
866606ARLCO-2024-0067294522-0193B866607ARLCO-2024-0067294622-0193C	07/06/2023 BB1 07/06/2023 BB1	Bioretention Bioretention		D20.020.24Planter Box #1 (12 inch ponding)ARLINGTOND20.020.24Planter Box #2 (12 inch ponding)ARLINGTON	PL25 38.890672 -77.134090 Inside MS4 service area Private Yes Both Jason Pap PL25 38.906560 -77.146161 Inside MS4 service area Private Yes Both Jason Pap
866608 ARLCO-2024-00672947 22-0195A	10/23/2023 BB1	Bioretention	Area Treated ACRE 0	01 0.01 0.12 Planter box (12 inch ponding) ARLINGTON	PL25 38.919215 -77.124396 Inside MS4 service area Private Yes Both Jason Pap
866609ARLCO-2024-0067294822-0198A866610ARLCO-2024-0067294922-0199C	12/26/2023 BB1 08/01/2023 BB1	Bioretention Bioretention		0.1 0.01 0.12 planter box (12 inch ponding) ARLINGTON ARLINGTON 01 0.01 0.12 PLANTER BOX #1 (12 inch ponding) ARLINGTON Image: Comparison of the second	PL24 38.898721 -77.135192 Outside MS4 service area Private Yes Both Jason Pap PL24 38.898751 -77.135259 Inside MS4 service area Private Yes Both Jason Pap
866610 ARLCO-2024-00672949 22-0199C 866611 ARLCO-2024-00672950 22-0199D	08/01/2023 BB1	Bioretention	Area Treated ACRE 0	01 0.01 0.12 PLANTER BOX #2 (12 inch ponding) ARLINGTON	PL24 38.907418 -77.143078 Inside MS4 service area Private Yes Both Jason Pap
866612 ARLCO-2024-00672951 22-0201D	08/24/2023 BB1	Bioretention	Area Treated ACRE 0	02 0.02 0.24 Planter Box 1 (12 inch ponding) ARLINGTON	PL24 38.907636 -77.143002 Inside MS4 service area Private Yes Both Jason Pap
866613ARLCO-2024-0067295222-0201E866614ARLCO-2024-0067295322-0201F	08/24/2023 BB1 08/24/2023 BB1	Bioretention Bioretention		D2 0.02 0.24 Planter Box 2 (12 inch ponding) ARLINGTON D1 0.01 0.12 Planter Box #3 (12 inch ponding) ARLINGTON Image: Comparison of the second seco	PL2438.907509-77.142898Inside MS4 service areaPrivateYesBothJason PapPL2438.907443-77.142892Inside MS4 service areaPrivateYesBothJason Pap
866615 ARLCO-2024-00672954 22-0201G	08/24/2023 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE 0	01 0.01 0.12 Permeable Pavers ARLINGTON	PL24 38.897728 -77.151348 Inside MS4 service area Private Yes Both Jason Pap
866616ARLCO-2024-0067295522-0202B866617ARLCO-2024-0067295622-0202C	05/17/2024 BB1 05/17/2024 BB1	Bioretention Bioretention	Area TreatedACRE0.00Area TreatedACRE0.00		PL25 38.897736 -77.151377 Inside MS4 service area Private Yes Both Jason Pap PL25 38.897663 -77.151335 Inside MS4 service area Private Yes Both Jason Pap
866618 ARLCO-2024-00672957 22-0202D	05/17/2024 BB1	Bioretention	Area Treated ACRE 0.0	0.004 0.048 Planter box 3 (12 inch ponding) ARLINGTON	PL25 38.897784 -77.151455 Inside MS4 service area Private Yes Both Jason Pap
866619ARLCO-2024-0067295822-0202E866620ARLCO-2024-0067295922-0204A	05/17/2024 BPP1 12/06/2023 BB1	Permeable Pavement Bioretention	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE0.00Area TreatedACRE0.00		PL2538.889544-77.142399Inside MS4 service areaPrivateYesBothJason PapPL2538.874764-77.094062Inside MS4 service areaPrivateYesBothJason Pap
866621 ARLCO-2024-00672960 22-0206A	11/06/2023 BB1	Bioretention	Area Treated ACRE 0	01 0.01 0.12 Planter Box #1 (Ponding 10 inch) ARLINGTON	PL2438.874731-77.094197Inside MS4 service areaPrivateYesBothJason Pap
866622 ARLCO-2024-00672961 22-0206B	11/06/2023 BB1 11/06/2023 BB1	Bioretention		010.010.12Planter Box #2 (Ponding 10 inch)ARLINGTON010.010.12Planter Box #3 (Ponding 6 inch)ARLINGTON	PL24 38.874858 -77.094145 Inside MS4 service area Private Yes Both Jason Pap PL24 38.891121 -77.142147 Inside MS4 service area Private Yes Both Jason Pap
866623 ARLCO-2024-00672962 22-0206C 866624 ARLCO-2024-00672963 22-0207C	11/06/2023 BB1 11/01/2023 BB1	Bioretention Bioretention		0.1 0.01 0.12 Planter Box #3 (Ponding 6 inch) ARLINGTON 02 0.02 0.24 Planter Box #1 (12 inch ponding) ARLINGTON Image: Constant of the second secon	PL24 38.891121 -77.142147 Inside MS4 service area Private Yes Both Jason Pap PL25 38.891063 -77.142287 Inside MS4 service area Private Yes Both Jason Pap
866625 ARLCO-2024-00672964 22-0207D	11/01/2023 BB1	Bioretention	Area Treated ACRE 0	01 0.01 0.12 Planter box #2 (12 inch ponding) ARLINGTON	PL25 38.891145 -77.142335 Inside MS4 service area Private Yes Both Jason Pap
866626 ARLCO-2024-00672965 22-0207E 866627 ARLCO-2024-00672966 22-0207F	11/01/2023BB111/01/2023BPP1	Bioretention Permeable Pavement	Area TreatedACRE0Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE0.00	01 0.01 0.12 Planter Box #3 (12 inch ponding) ARLINGTON 72 0.0072 0.0864 Permeable Pavers ARLINGTON	PL25 38.891043 -77.142218 Inside MS4 service area Private Yes Both Jason Pap PL25 38.891218 -77.142355 Inside MS4 service area Private Yes Both Jason Pap
866628 ARLCO-2024-00672967 22-0207G	11/01/2023 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdre ACRE 0.00	19 0.0019 0.0228 Permeable Pavers ARLINGTON	PL25 38.905019 -77.110201 Inside MS4 service area Private Yes Both Jason Pap
866629ARLCO-2024-0067296822-0210A866630ARLCO-2024-0067296922-0210B	10/11/2023 BB1 10/11/2023 BB1	Bioretention Bioretention		0.1 0.01 0.12 PLANTER BOX #1 (12 inch ponding) ARLINGTON Image: Constraint of the second s	PL2438.905140-77.110087Inside MS4 service areaPrivateYesBothJason PapPL2438.905059-77.110032Inside MS4 service areaPrivateYesBothJason Pap
866630 ARLCO-2024-00672969 22-0210B 866631 ARLCO-2024-00672970 22-0210C	10/11/2023 BB1 10/11/2023 BPP1	Permeable Pavement		01 0.01 0.12 PLANTER BOX #2 (8 inch ponding) ARLINGTON 01 0.01 0.12 Permeable Pavers ARLINGTON	PL2438.905059-77.110032Inside MS4 service areaPrivateYesBothJason PapPL2438.910629-77.137152Inside MS4 service areaPrivateYesBothJason Pap
866632 ARLCO-2024-00672971 22-0212A	10/25/2023 BB1	Bioretention	Area Treated ACRE 0	0.01 0.01 0.12 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL24 38.920398 -77.112996 Inside MS4 service area Private Yes Both Jason Pap
866633 ARLCO-2024-00672972 22-0214B 866634 ARLCO-2024-00672973 22-0214E	05/31/2024 BB1 05/31/2024 BPP1	Bioretention Permeable Pavement		0.050.050.6Rain Garden (6 inch ponding)ARLINGTON020.020.24Permeable PaverARLINGTON	PL2438.920216-77.113514Inside MS4 service areaPrivateYesBothJason PapPL2438.920437-77.113694Inside MS4 service areaPrivateYesBothJason Pap
866635 ARLCO-2024-00672974 22-0214E	05/31/2024 BB1	Bioretention	Area Treated ACRE 0	0.05 0.05 0.0042 Planter Box #2 (Ponding 12 inch) ARLINGTON	PL24 38.920433 -77.113718 Inside MS4 service area Private Yes Both Jason Pap
	05/31/2024 BB1	Bioretention	Area Treated ACRE 0	0.05 0.05 0.004200 Planter Box #4 (Ponding 12 inch) ARLINGTON	PL24 38.892343 -77.144808 Inside MS4 service area Private Yes Both Jason Pap
866636ARLCO-2024-0067297522-0214I866637ARLCO-2024-0067297622-0216B	12/06/2023 BB1	Bioretention		01 0.01 0.12 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL25 38.892291 -77.144942 Inside MS4 service area Private Yes Both Jason Pap

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866638ARLCO-2024-0067297722-0216C866639ARLCO-2024-0067297822-0216D	12/06/2023BB112/06/2023BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         Planter Box #2 (Pondin           0.01         0.01         0.12         Planter Box #3 (Pondin		PL25 38.892291 PL25 38.892242	-77.145218 Inside MS4 service area -77.145185 Inside MS4 service area		BothJason PapacosmaArlinBothJason PapacosmaArlin
866640 ARLCO-2024-00672979 22-0216E	12/06/2023 BB1	Bioretention	Area Treated ACRE	0.0079 0.0079 0.0948 Planter Box #4 (Pondin	ng 12 inch) ARLINGTON	PL25 38.892211	-77.145223 Inside MS4 service area	Private Yes	Both Jason Papacosma Arli
866641ARLCO-2024-0067298022-0216F866642ARLCO-2024-0067298122-0218E	12/06/2023BPP110/23/2023BB1	Permeable Pavement Bioretention	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE         Area Treated       ACRE	0.03         0.03         0.36         Permeable Pavers           0.01         0.01         0.12         Planter Box #1 (Ponding)	ARLINGTON ARLINGTON	PL25 38.905805 PL24 38.905876	-77.142480 Inside MS4 service area -77.142381 Inside MS4 service area		BothJason PapacosmaArlinBothJason PapacosmaArlin
866643ARLCO-2024-0067298222-0218F866644ARLCO-2024-0067298322-0218G	10/23/2023BB110/23/2023BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.01         0.12         Planter Box # 2 (Pondin           0.0032         0.0032         0.0384         Planter Box #3 (Pondin)		PL24 38.905850 PL24 38.905780	-77.142254 Inside MS4 service area -77.142241 Inside MS4 service area		Both Jason Papacosma Arlin Both Jason Papacosma Arlin
866645 ARLCO-2024-00672984 22-0218H	10/23/2023 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 Planter Box #4 (Pondin	ng 6 inch) ARLINGTON	PL24 38.905719	-77.142312 Inside MS4 service area	Private Yes	Both Jason Papacosma Arli
66646ARLCO-2024-0067298522-0218I66647ARLCO-2024-0067298622-0218J	10/23/2023BB110/23/2023BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.005         0.005         0.06         PLANTER BOX #5 (Ponc           0.01         0.01         0.12         PLANTER BOX #6 (Ponc		PL24 38.905707 PL24 38.905728	-77.142343 Inside MS4 service area -77.142422 Inside MS4 service area		Both Jason Papacosma Arlin Both Jason Papacosma Arlin
66648 ARLCO-2024-00672987 22-0218K	10/23/2023 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE	0.011 0.011 0.0009 Permeable Pavers	ARLINGTON	PL24 38.893428	-77.153432 Inside MS4 service area		Both Jason Papacosma Arlin
6649ARLCO-2024-0067298822-0221A6650ARLCO-2024-0067298922-0223A	09/15/2023 BB1 04/29/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         planter box (12 inch po           0.01         0.01         0.12         Planter box (12 inch po		PL25 38.864706 PL25 38.897878	-77.094705 Inside MS4 service area -77.165977 Inside MS4 service area	<u>+</u>	BothJason PapacosmaArlinBothJason PapacosmaArlin
366651         ARLCO-2024-00672990         22-0228D           366652         ARLCO-2024-00672991         22-0228E	11/06/2023 BB1	Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01 0.01 0.12 Planter Box #1 (Pondin		PL25 38.897925	-77.166223 Inside MS4 service area		Both Jason Papacosma Arlii
56652ARLCO-2024-0067299122-0228E56653ARLCO-2024-0067299222-0228F	11/06/2023BB111/06/2023BB1	Bioretention Bioretention	Area Treated ACRE ACRE	0.01         0.01         0.12         Planter Box #2 (Ponding           0.01         0.01         0.12         Planter box #3 (Ponding		PL25 38.898003 PL25 38.898017	-77.166096 Inside MS4 service area -77.165953 Inside MS4 service area		BothJason PapacosmaArlinBothJason PapacosmaArlin
66654ARLCO-2024-0067299322-0228G66655ARLCO-2024-0067299422-0229B	11/06/2023 BPP1 10/01/2023 BB1	Permeable Pavement Bioretention	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE         Area Treated	0.01         0.01         0.12         Permeable Pavers           0.02         0.02         0.24         Planter Box #1 (Ponding	ARLINGTON ARLINGTON (Detac ARLINGTON	PL25 38.862424 PL25 38.862443	-77.098486 Inside MS4 service area -77.098494 Inside MS4 service area		Both Jason Papacosma Arlin Both Jason Papacosma Arlin
6655         ARLCO-2024-00672994         22-02295           6656         ARLCO-2024-00672995         22-0229C	10/01/2023 BB1 10/01/2023 BB1	Bioretention	Area Treated     ACRE       Area Treated     ACRE		#2 (Ponding 12 ir ARLINGTON	PL25 38.862443 PL25 38.892207	-77.096293 Inside MS4 service area		BothJason PapacosmaArlinBothJason PapacosmaArlin
66657ARLCO-2024-0067299622-0232D66658ARLCO-2024-0067299722-0232E	01/26/2024 BB1 01/26/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.0068         0.0068         0.0816         Planter box 1 (12 inch           0.02         0.02         0.24         Planter box 2 (12 inch		PL24 38.892170 PL24 38.892291	-77.096112 Inside MS4 service area -77.096096 Inside MS4 service area		Both Jason Papacosma Arlin Both Jason Papacosma Arlin
66659         ARLCO-2024-00672998         22-0232F	01/26/2024 BB1	Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         Planter box 2 (12         Inch           0.01         0.01         0.12         Planter box 3 (12         inch		PL24 38.892291	-77.095974 Inside MS4 service area	<u> </u>	BothJason PapacosmaBothJason PapacosmaArlin
66660ARLCO-2024-0067299922-0232G66661ARLCO-2024-0067300022-0232H	01/26/2024 BB1 01/26/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.00720.00720.0864Planter box 4 (12 inch0.00720.00720.0864Planter box 5 (12 inch	·	PL24 38.892240 PL24 38.892313	-77.095957 Inside MS4 service area -77.096285 Inside MS4 service area	***************************************	Both Jason Papacosma Arlin Both Jason Papacosma Arlin
B66662         ARLCO-2024-00673001         22-02321	01/26/2024 BB1 01/26/2024 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE	0.0072         0.0072         0.0804         Planter box 3 (12 inter           0.01         0.01         0.12         Permeable Pavers	ARLINGTON	PL24 38.892313 PL24 38.889720	-77.097860 Inside MS4 service area		BothJason PapacosmaBothJason Papacosma
66663ARLCO-2024-0067300222-0236B66664ARLCO-2024-0067300322-0236C	01/30/2024 BB1 01/30/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.01         0.12         PLANTER BOX #1 (8 inc           0.01         0.01         0.12         PLANTER BOX #2 (8 inc	•	PL24 38.889672 PL24 38.889574	-77.097941 Inside MS4 service area -77.097720 Inside MS4 service area		Both Jason Papacosma Arlin Both Jason Papacosma Arlin
B66665         ARLCO-2024-00673004         22-0236D	01/30/2024 BB1	Bioretention	Area Treated ACRE	0.0058 0.0058 0.0696 PLANTER BOX #3 (12 in	nch ponding) ARLINGTON	PL24 38.894633	-77.152333 Inside MS4 service area	Private Yes	Both Jason Papacosma Arli
366666         ARLCO-2024-00673005         22-0238B           3666667         ARLCO-2024-00673006         22-0238C	10/06/2023 BB1 10/06/2023 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         PLANTER BOX #1 (12 in           0.02         0.02         0.24         PLANTER BOX #2 (12 in	· · · · · · · · · · · · · · · · · · ·	PL24 38.894564 PL24 38.894541	-77.152052 Inside MS4 service area -77.152406 Inside MS4 service area		Both Jason Papacosma Arlin Both Jason Papacosma Arlin
666668 ARLCO-2024-00673007 22-0238D	10/06/2023 BB1	Bioretention	Area Treated ACRE	0.0087 0.0087 0.1044 PLANTER BOX #3(12 in	ARLINGTON	PL24 38.893699	-77.136498 Inside MS4 service area	Private Yes	Both Jason Papacosma Arli
66669         ARLCO-2024-00673008         22-0243A           66670         ARLCO-2024-00673009         22-0243B	06/26/2024 BB1 06/26/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         PLANTER BOX #1 (12 in           0.01         0.01         0.12         PLANTER BOX #2 (12 in		PL24 38.893761 PL24 38.893816	-77.136652 Inside MS4 service area -77.136682 Inside MS4 service area		Both Jason Papacosma Arlii Both Jason Papacosma Arlii
56671 ARLCO-2024-00673010 22-0243C	06/26/2024 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 PLANTER BOX #3 (12 in	nch ponding) ARLINGTON	PL24 38.893735	-77.136580 Inside MS4 service area	Private Yes	Both Jason Papacosma Arli
66672ARLCO-2024-0067301122-0243D66673ARLCO-2024-0067301222-0245A	06/26/2024 BPP1 12/11/2023 BB1	Permeable Pavement Bioretention	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE Area Treated ACRE	0.02         0.02         0.24         PERMEABLE DRIVEWAY           0.02         0.02         0.24         planter box # 1 (12 inch		PL24 38.883082 PL25 38.883159	-77.090186 Inside MS4 service area -77.089930 Inside MS4 service area		Both Jason Papacosma Arlin Both Jason Papacosma Arlin
66674 ARLCO-2024-00673013 22-0245B	12/11/2023 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 planter box # 2 (12 inch	h ponding) ARLINGTON	PL25 38.883707	-77.140832 Inside MS4 service area	Private Yes	Both Jason Papacosma Arli
66675ARLCO-2024-0067301422-0246A66676ARLCO-2024-0067301522-0248B	12/27/2023BB111/14/2023BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.0081         0.0081         0.0972         PLANTER BOX #1 (12 in           0.04         0.04         0.48         Planter Box #1 - (12 inc	· · · · · · · · · · · · · · · · · · ·	PL25 38.907066 PL24 38.902500	-77.111432 Inside MS4 service area -77.155309 Inside MS4 service area		Both Jason Papacosma Arli Both Jason Papacosma Arli
6677 ARLCO-2024-00673016 22-0250B	01/22/2024 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 PLANTER BOX #1 (12 in	nch ponding) ARLINGTON	PL25 38.902715	-77.155396 Inside MS4 service area	Private Yes	Both Jason Papacosma Arl
6678ARLCO-2024-0067301722-0250C6679ARLCO-2024-0067301822-0250D	01/22/2024 BB1 01/22/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         PLANTER BOX #2 (12 in           0.01         0.01         0.12         PLANTER BOX #3 (12 in		PL25 38.902577 PL25 38.902648	-77.155502 Inside MS4 service area -77.155532 Inside MS4 service area		Both Jason Papacosma Arli Both Jason Papacosma Arli
66680 ARLCO-2024-00673019 22-0250E	01/22/2024 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE	0.01 0.01 0.12 PERMEABLE PAVERS	ARLINGTON	PL25 38.894874	-77.156048 Inside MS4 service area	Private Yes	Both Jason Papacosma Arli
6681ARLCO-2024-0067302022-0254A6682ARLCO-2024-0067302122-0255A	10/16/2023BB112/12/2023BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.01         0.12         PLANTER BOX #1 (Ponc           0.02         0.02         0.24         Planter box (12 inch po		PL25 38.906784 PL24 38.897876	-77.109106 Inside MS4 service area -77.154539 Inside MS4 service area		BothJason PapacosmaArlBothJason PapacosmaArl
6683 ARLCO-2024-00673022 22-0256A	12/05/2023 BB1 12/05/2023 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01 0.01 0.12 Planter Box #1 (Pondin	ng 12 inch) ARLINGTON	PL25 38.897890 PL25 38.897979	-77.154376 Inside MS4 service area -77.154417 Inside MS4 service area	Private Yes	Both Jason Papacosma Arl
66684ARLCO-2024-0067302322-0256B66685ARLCO-2024-0067302422-0256C	12/05/2023 BB1 12/05/2023 BB1	Bioretention	Area Treated ACRE ACRE	0.01         0.01         0.12         Planter Box #2 (Pondin           0.0081         0.0081         0.0972         Planter Box #3 (Pondin		PL25 38.897979 PL25 38.897814	-77.154417 Inside MS4 service area		Both Jason Papacosma Arli Both Jason Papacosma Arli
56686         ARLCO-2024-00673025         22-0256D           56687         ARLCO-2024-00673026         22-0259A	12/05/2023 BPP1 10/10/2023 BB1	Permeable Pavement Bioretention	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE Area Treated ACRE	0.01 0.01 0.12 Permeable Pavers	ARLINGTON ARLINGTON	PL25 38.896231 PL25 38.897978	-77.145512 Inside MS4 service area		Both Jason Papacosma Arl
56687         ARLCO-2024-00673026         22-0259A           56688         ARLCO-2024-00673027         22-0260A	07/19/2023 BB1	Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.0095         0.0095         0.114         Planter Box #1 (Ponding           0.0096         0.0096         0.1152         planter box #1 (12 inch	· · · · · · · · · · · · · · · · · · ·	PL25 38.897978 PL24 38.898039	-77.143325 Inside MS4 service area -77.143188 Inside MS4 service area		BothJason PapacosmaArlBothJason PapacosmaArl
66689         ARLCO-2024-00673028         22-0260B           66690         ARLCO-2024-00673029         22-0260D	07/19/2023 BB1 07/19/2023 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.00990.00990.1188planter box # 2 (12 inch0.020.020.24planter box # 3 (12 inch		PL24 38.897882 PL24 38.897936	-77.143228 Inside MS4 service area -77.143116 Inside MS4 service area		Both Jason Papacosma Arl Both Jason Papacosma Arl
66691         ARLCO-2024-00673030         22-0260D           66691         ARLCO-2024-00673030         22-0260E	07/19/2023 BB1	Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         planter box # 3 (12 incl           0.009         0.009         0.108         planter box # 4 (12 incl	· · · · · · · · · · · · · · · · · · ·	PL24 38.897936 PL24 38.901215	-77.145116 Inside MS4 service area		BothJason PapacosmaArBothJason PapacosmaAr
6692ARLCO-2024-0067303122-0261A6693ARLCO-2024-0067303222-0261B	02/26/2024 BB1 02/26/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.01         0.12         PLANTER BOX #1 (Ponc           0.01         0.01         0.12         PLANTER BOX #2 (Ponc		PL24 38.901247 PL24 38.901348	-77.146226 Inside MS4 service area -77.146061 Inside MS4 service area		Both Jason Papacosma Ar Both Jason Papacosma Ar
66694         ARLCO-2024-00673033         22-0261C	02/26/2024 BB1	Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01 0.01 0.12 PLANTER BOX #3 (Ponc	ding 12 inch) ARLINGTON	PL24 38.901348	-77.131347 Inside MS4 service area		Both Jason Papacosma Ar
66695         ARLCO-2024-00673034         22-0262A           66696         ARLCO-2024-00673035         22-0263A	10/23/2023BB102/06/2024BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.0093         0.0093         0.1116         Planter Box #1 (Pondin           0.02         0.02         0.24         Planter Box #1 (12 inch		PL24 38.892437 PL25 38.892540	-77.105486 Outside MS4 service area -77.105481 Inside MS4 service area	<u> </u>	Both Jason Papacosma Ar Both Jason Papacosma Ar
666697         ARLCO-2024-00673036         22-0263B	02/06/2024 BB1	Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         Planter Box #1 (12 inch           0.02         0.02         0.24         Planter Box #2 (12 inch		PL25 38.892540	-77.105255 Inside MS4 service area		Both Jason Papacosma Ar
66698ARLCO-2024-0067303722-0263C66699ARLCO-2024-0067303822-0264A	02/06/2024 BPP1 03/05/2024 BB1	Permeable Pavement Bioretention	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE Area Treated ACRE	0.01         0.01         0.12         Permeable Pavers           0.02         0.02         0.24         Planter Box #1 (12 inch	ARLINGTON h ponding) ARLINGTON	PL25 38.910695 PL24 38.910759	-77.134371 Inside MS4 service area -77.134198 Inside MS4 service area		Both Jason Papacosma Ar Both Jason Papacosma Ar
66700 ARLCO-2024-00673039 22-0264D	03/05/2024 BB1	Bioretention	Area Treated ACRE	0.02         0.02         0.24         Planter Box #1 (12 inch           0.02         0.02         0.24         Planter Box #3 (12 inch	h ponding) ARLINGTON	PL24 38.910742	-77.134094 Inside MS4 service area	Private Yes	Both Jason Papacosma Arl
66701ARLCO-2024-0067304022-0264E66702ARLCO-2024-0067304122-0264F	03/05/2024 BB1 03/05/2024 BPP1	Bioretention Permeable Pavement	Area Treated ACRE ACRE ACRE	0.02         0.02         0.24         Planter Box #4 (12 inch           0.0099         0.0099         0.1188         Permeable Pavers	h ponding) ARLINGTON ARLINGTON	PL24 38.910656 PL24 38.857005	-77.134096 Inside MS4 service area -77.065714 Inside MS4 service area		Both Jason Papacosma Ar Both Jason Papacosma Ar
366703 ARLCO-2024-00673042 22-0266B	11/16/2023 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 Planter Box #1 (Ponding	ng 12 inch) ARLINGTON	PL24 38.857117	-77.065747 Inside MS4 service area	Private Yes	Both Jason Papacosma Ar
366704         ARLCO-2024-00673043         22-0266C           366705         ARLCO-2024-00673044         22-0266D	11/16/2023BB111/16/2023BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.01         0.12         Planter Box #2           0.0051         0.0051         0.0612         Planter Box #3 (Ponding	ARLINGTON ARLINGTON	PL24 38.857007 PL24 38.903632	-77.065870 Inside MS4 service area -77.149086 Inside MS4 service area		Both Jason Papacosma Arl Both Jason Papacosma Arl
66706 ARLCO-2024-00673045 22-0267D	10/05/2023 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 PLANTER BOX #1 (Ponc	ding 12 inch) ARLINGTON	PL24 38.903673	-77.149369 Inside MS4 service area	Private Yes	Both Jason Papacosma Arl
66707ARLCO-2024-0067304622-0267E66708ARLCO-2024-0067304722-0267F	10/05/2023 BB1 10/05/2023 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         PLANTER BOX #2 (Ponc           0.01         0.01         0.12         PLANTER BOX #3 (Ponc		PL24 38.903712 PL24 38.863123	-77.149270 Inside MS4 service area -77.128018 Inside MS4 service area		Both Jason Papacosma Arl Both Jason Papacosma Arl
ARLCO-2024-00673048 22-0270B	01/03/2024 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 Planter Box #1 (Pondin	ng 12 inch) ARLINGTON	PL25 38.863057	-77.127938 Inside MS4 service area	Private Yes	Both Jason Papacosma Ar
366710ARLCO-2024-0067304922-0270E366711ARLCO-2024-0067305022-0271A	01/03/2024 BPP1 05/17/2024 BB1	Permeable Pavement Bioretention	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE Area Treated ACRE	0.01         0.01         0.12         Permeable Pavers           0.02         0.02         0.24         Planter box 1 (12 inch pavers)	ARLINGTON ARLINGTON	PL25 38.902170 PL25 38.902248	-77.159061 Inside MS4 service area -77.158907 Inside MS4 service area		Both Jason Papacosma Ar Both Jason Papacosma Ar
ARLCO-2024-00673051 22-0271B	05/17/2024 BB1	Bioretention		0.0058 0.0058 0.0696 Planter box 2 (12 inch p	ponding) ARLINGTON	PL25 38.902415	-77.158973 Inside MS4 service area		Both Jason Papacosma Ar
366713ARLCO-2024-0067305222-0271C366714ARLCO-2024-0067305322-0271E	05/17/2024 BB1 05/17/2024 BPP1	Bioretention Permeable Pavement	Area Treated       ACRE         Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE	0.01         0.02         0.02         0.02         0.02         0.24         Permeable Pavers	h ponding) ARLINGTON ARLINGTON	PL25 38.902347 PL25 38.908365	-77.158849 Inside MS4 service area -77.151249 Inside MS4 service area		Both Jason Papacosma Ar Both Jason Papacosma Ar
66715 ARLCO-2024-00673054 22-0273A	12/01/2023 BB1	Bioretention	Area Treated ACRE	0.02 0.02 0.24 Planter box 1 (12 inch p	•	PL24 38.908281	-77.151393 Inside MS4 service area		Both Jason Papacosma Ar
366716ARLCO-2024-0067305522-0273B366717ARLCO-2024-0067305622-0273C	12/01/2023BB112/01/2023BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         Planter box 2 (12 inch p           0.0045         0.0045         0.054         Planter box 3 (6 inch po	• • • • • • • • • • • • • • • • • • • •	PL24 38.908335 PL24 38.897935	-77.151495 Inside MS4 service area -77.160691 Inside MS4 service area		Both Jason Papacosma Ar Both Jason Papacosma Ar
66718 ARLCO-2024-00673057 22-0275B	03/26/2024 BB1	Bioretention	Area Treated ACRE	0.02 0.02 0.24 PLANTER BOX #1 (12 in	· · · · · · · · · · · · · · · · · · ·	PL25 38.897817	-77.160837 Inside MS4 service area		Both Jason Papacosma Ar
66719ARLCO-2024-0067305822-0275C66720ARLCO-2024-0067305922-0275D	03/26/2024 BB1 03/26/2024 BPP1	Bioretention Permeable Pavement	Area Treated       ACRE         Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE       ACRE	0.0051         0.0051         0.0612         PLANTER BOX #2 (12 in           0.0093         0.0093         0.1116         Permeable Pavers	nch ponding) ARLINGTON ARLINGTON	PL25 38.897809 PL25 38.877041	-77.160769 Inside MS4 service area -77.088639 Inside MS4 service area		BothJason PapacosmaAlBothJason PapacosmaAl
66721 ARLCO-2024-00673060 22-0277C	11/29/2023BB111/29/2023BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01 0.01 0.12 PLANTER BOX#1 (12 inc	· · · · · · · · · · · · · · · · · · ·	PL24 38.877129 PL24 38.877054	-77.088829 Inside MS4 service area		Both Jason Papacosma A
6722ARLCO-2024-0067306122-0277D6723ARLCO-2024-0067306222-0277G	11/29/2023 BB1 11/29/2023 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE	0.01         0.01         0.12         PLANTER BOX #2 (12 in           0.01         0.01         0.12         Permeable Pavers	ARLINGTON	PL24 38.877054 PL24 38.920558	-77.088545 Inside MS4 service area -77.133328 Inside MS4 service area		BothJason PapacosmaABothJason PapacosmaA
66724         ARLCO-2024-00673063         22-0278A           66725         ARLCO-2024-00673064         22-0278B	01/22/2024 BB1 01/22/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         Planter Box #1 (Pondin           0.0092         0.0092         0.1104         Planter Box #2 (Pondin		PL24 38.920476 PL24 38.920455	-77.133502 Inside MS4 service area -77.133244 Inside MS4 service area		Both Jason Papacosma A Both Jason Papacosma A
6726 ARLCO-2024-00673065 22-0278C	01/22/2024 BB1	Bioretention	Area Treated ACRE	0.0062 0.0062 0.0744 Planter Box #3 (Pondin	ng 12 inch) ARLINGTON	PL24 38.920376	-77.133354 Inside MS4 service area	Private Yes	Both Jason Papacosma A
6727ARLCO-2024-0067306622-0278D6728ARLCO-2024-0067306722-0285C	01/22/2024 BB1 10/19/2023 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.01         0.12         Planter Box #4 (Pondin           0.01         0.01         0.12         planter box #1 (12 inch		PL24 38.884834 PL25 38.884934	-77.159777 Inside MS4 service area -77.159691 Inside MS4 service area		Both Jason Papacosma A Both Jason Papacosma A
66729 ARLCO-2024-00673068 22-0285D	10/19/2023 BB1	Bioretention	Area Treated ACRE	0.01         0.01         0.12         planter box # 1 (12 inch           0.01         0.01         0.12         planter box # 2 (12 inch	h ponding) ARLINGTON	PL25 38.884843	-77.159666 Inside MS4 service area		Both Jason Papacosma A
6730 ARLCO-2024-00673069 22-0285E 6731 ARLCO-2024-00673070 22-0286A	10/19/2023BB102/26/2024BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.01         0.12         planter box # 3 (12 inch           0.02         0.02         0.24         Planter box #1 (Ponding	· · · · · · · · · · · · · · · · · · ·	PL25 38.897161 PL25 38.897269	-77.163076 Inside MS4 service area -77.162925 Inside MS4 service area		Both Jason Papacosma / Both Jason Papacosma /
6732 ARLCO-2024-00673071 22-0286B	02/26/2024 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 Planter box #2 (Ponding	ng 12 inch) ARLINGTON	PL25 38.903530	-77.158401 Inside MS4 service area	Private Yes	Both Jason Papacosma
6733 ARLCO-2024-00673072 22-0287A 6734 ARLCO-2024-00673073 22-0294A	12/11/2023BB103/29/2024BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.02         0.02         0.24         Planter box (12 inch po           0.0088         0.0088         0.1056         PLANTER BOX #1 (12 inch po		PL24 38.886125 PL25 38.886103	-77.111705 Inside MS4 service area -77.111876 Inside MS4 service area		BothJason PapacosmaBothJason Papacosma
6735 ARLCO-2024-00673074 22-0294B	03/29/2024 BB1	Bioretention	Area Treated ACRE	0.0073 0.0073 0.0876 PLANTER BOX #2 (12 in	nch ponding) ARLINGTON	PL25 38.886047	-77.111923 Inside MS4 service area	Private Yes	Both Jason Papacosma
6736ARLCO-2024-0067307522-0294C6737ARLCO-2024-0067307622-0294D	03/29/2024 BB1 03/29/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.01         0.12         PLANTER BOX #3 (12 in           0.01         0.01         0.12         PLANTER BOX (12 inch	······	PL25 38.886044 PL25 38.886158	-77.111984 Inside MS4 service area -77.111875 Inside MS4 service area		BothJason PapacosmaBothJason Papacosma
6738 ARLCO-2024-00673077 22-0294E	03/29/2024 BB1	Bioretention	Area Treated ACRE	0.0068 0.0068 0.0816 PLANTER BOX #5 (12 in	nch ponding) ARLINGTON	PL25 38.886173	-77.111807 Inside MS4 service area	Private Yes	Both Jason Papacosma
6739ARLCO-2024-0067307822-0294K6740ARLCO-2024-0067307922-0294L	03/29/2024 BPP1 03/29/2024 BPP1	Permeable Pavement Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE         Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE	0.02         0.02         0.24         Permeable Pavers           0.0044         0.0044         0.0528         Permeable Pavers	ARLINGTON ARLINGTON	PL25 38.886071 PL25 38.857175	-77.111894 Inside MS4 service area -77.062228 Inside MS4 service area		BothJason PapacosmaBothJason Papacosma
6741 ARLCO-2024-00673080 22-0295A	03/05/2024 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 Planter Box #1(Ponding	g 12 inch) ARLINGTON	PL24 38.857170	-77.062106 Inside MS4 service area	Private Yes	Both Jason Papacosma
66742ARLCO-2024-0067308122-0295B66743ARLCO-2024-0067308222-0296B	03/05/2024 BB1 12/11/2023 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.01         0.12         Planter Box #2 (Ponding           0.01         0.01         0.12         Detached Planter Box #	ng 12 inch) ARLINGTON #1 (Ponding 12 in ARLINGTON	PL24 38.852700 PL25 38.913959	-77.084415 Inside MS4 service area -77.126371 Inside MS4 service area		BothJason PapacosmaBothJason Papacosma
66744 ARLCO-2024-00673083 22-0298C	05/22/2024 BB1	Bioretention	Area Treated ACRE	0.02 0.02 0.24 Planter Box #1 (12 inch	h ponding) ARLINGTON	PL24 38.913923	-77.126331 Inside MS4 service area	Private Yes	Both Jason Papacosma
56745ARLCO-2024-0067308422-0298D56746ARLCO-2024-0067308522-0298E	05/22/2024 BB1 05/22/2024 BPP1	Bioretention Permeable Pavement	Area Treated       ACRE         Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE       ACRE	0.01         0.01         0.12         Planter Box #2 (12 inch           0.02         0.02         0.24         Permeable Pavers- driv	· · · · · · · · · · · · · · · · · · ·	PL24 38.913735 PL24 38.880045	-77.126341 Inside MS4 service area -77.116830 Inside MS4 service area		BothJason PapacosmaABothJason PapacosmaA
66747 ARLCO-2024-00673086 22-0299A	04/03/2024 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 Planter Box #1 (Pondin	ng 12 inch) ARLINGTON	PL25 38.863465	-77.104555 Inside MS4 service area	Private Yes	Both Jason Papacosma
366748ARLCO-2024-0067308723-0002B366749ARLCO-2024-0067308823-0002C	01/19/2024 BB1 01/19/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.0093         0.0093         0.1116         Planter Box #1 (Ponding           0.0047         0.0047         0.0564         Planter Box #2 (Ponding		PL25 38.863478 PL25 38.863403	-77.104726 Inside MS4 service area -77.104543 Inside MS4 service area		BothJason PapacosmaBothJason Papacosma
366750 ARLCO-2024-00673089 23-0002D	01/19/2024 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 Planter Box #3 (Pondin	ng 12 inch) ARLINGTON	PL25 38.898589	-77.152863 Inside MS4 service area	Private Yes	Both Jason Papacosma A
366751ARLCO-2024-0067309023-0006B366752ARLCO-2024-0067309123-0006C	03/22/2024 BB1 03/22/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.0193         0.0193         0.2316         Planter box 1 (12 inch p           0.01         0.01         0.12         Planter box 2 (12 inch p		PL25 38.898733 PL25 38.898559	-77.152871 Inside MS4 service area -77.152752 Inside MS4 service area		BothJason PapacosmaABothJason PapacosmaA
866753 ARLCO-2024-00673092 23-0006D	03/22/2024 BPP1	Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no underdra ACRE	0.01 0.01 0.12 Permeable Pavers	ARLINGTON	PL25 38.893211	-77.091724 Inside MS4 service area	Private Yes	Both Jason Papacosma A
866754ARLCO-2024-0067309323-0010A866755ARLCO-2024-0067309423-0010B	01/22/2024 BB1 01/22/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.02         0.12         Planter box 1 (10 inch p           0.02         0.02         0.24         Planter box 2 (6 inch po		PL24 38.893187 PL24 38.890893	-77.091835 Inside MS4 service area -77.146024 Inside MS4 service area	<u> </u>	BothJason PapacosmaABothJason PapacosmaA
66756 ARLCO-2024-00673095 23-0013C	05/14/2024 BB1	Bioretention	Area Treated ACRE	0.01 0.01 0.12 Planter box 1 (12 inch p	ponding) ARLINGTON	PL25 38.890868	-77.146160 Inside MS4 service area	Private Yes	Both Jason Papacosma A
366757 ARLCO-2024-00673096 23-0013D	05/14/2024 BB1 05/14/2024 BB1	Bioretention Bioretention	Area Treated     ACRE       Area Treated     ACRE	0.01         0.12         Planter box 2 (12 inch p           0.01         0.01         0.12         Planter box 3 (12 inch p	······································	PL25 38.891040 PL25 38.891012	-77.146066 Inside MS4 service area -77.146201 Inside MS4 service area		BothJason PapacosmaABothJason PapacosmaA

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866759 ARLCO-2024-00673098 23-001		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter box 4 (12 inch ponding) ARLINGTON	PL25	38.902243-77.160461Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866760 ARLCO-2024-00673099 23-001		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter box #1 (12 inch ponding) ARLINGTON	PL25	38.902202 -77.160550 Inside MS4 service area Private Yes Both	Jason Papacosma Arlington County
866761 ARLCO-2024-00673100 23-001		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 Planter box #2 (12 inch ponding) ARLINGTON	PL25	38.902068 -77.160502 Inside MS4 service area Private Yes Both	Jason Papacosma Arlington County
866762 ARLCO-2024-00673101 23-001		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter box #3 (12 inch ponding) ARLINGTON	PL25	38.902105     -77.160321     Inside MS4 service area     Private     Yes     Both       20.012150     77.127205     Inside MS4 service area     Private     Yes     Both	Jason Papacosma Arlington County
866763 ARLCO-2024-00673102 23-001		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no		0.01	0.01	0.12 Permeable Pavers ARLINGTON	PL25	38.912158     -77.137385     Inside MS4 service area     Private     Yes     Both       20.02055     77.020775     haide MS4 service area     Private     No.     Path	Jason Papacosma Arlington County
866764 ARLCO-2024-00673103 23-001		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 PLANTER BOX #1 (12 inch ponding) ARLINGTON	PL24	38.890655     -77.096775     Inside MS4 service area     Private     Yes     Both       20.002204     77.442676     Isside MS4 service area     Private     Yes     Both	Jason Papacosma Arlington County
866765 ARLCO-2024-00673104 23-002		BB1 Bioretention	Area Treated		0.01	0.01	0.12 Planter box (3 inch ponding) ARLINGTON	PL24	38.893204     -77.112676     Inside MS4 service area     Private     Yes     Both       20.002100     77.112000     Inside MS4 service area     Private     Yes     Both	Jason Papacosma Arlington County
866766 ARLCO-2024-00673105 23-002		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no		0.008	0.008	0.096 Permeable Pavers ARLINGTON	PL24	38.893199     -77.112991     Inside MS4 service area     Private     Yes     Both	Jason Papacosma Arlington County
866767 ARLCO-2024-00673106 23-002		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no		0.02	0.02	0.24 Permeable Pavers ARLINGTON	PL24	38.893222     -77.112902     Inside MS4 service area     Private     Yes     Both	Jason Papacosma Arlington County
866768 ARLCO-2024-00673107 23-002		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL24	38.921518     -77.132936     Inside MS4 service area     Private     Yes     Both	Jason Papacosma Arlington County
866769 ARLCO-2024-00673108 23-002		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL24	38.921397 -77.132827 Inside MS4 service area Private Yes Both	Jason Papacosma Arlington County
866770 ARLCO-2024-00673109 23-002		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #2 (Ponding 12 inch) ARLINGTON	PL24	38.921324 -77.132928 Inside MS4 service area Private Yes Both	Jason Papacosma Arlington County
866771 ARLCO-2024-00673110 23-002		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 Planter Box #3 (12 inch Ponding) ARLINGTON	PL24	38.921449-77.132787Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866772 ARLCO-2024-00673111 23-002		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.02	0.02	0.24 Permeable Pavers ARLINGTON	PL24	38.876014-77.126077Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866773 ARLCO-2024-00673112 23-002		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL25	38.875895-77.126116Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866774 ARLCO-2024-00673113 23-002		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #2 (Ponding 12 inch) ARLINGTON	PL25	38.875950-77.125915Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866775 ARLCO-2024-00673114 23-002		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #3 (Ponding 12 inch) ARLINGTON	PL25	38.876013-77.125948Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866776 ARLCO-2024-00673115 23-002		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.01	0.01	0.12 Permeable Pavers ARLINGTON	PL25	38.887982-77.121940Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866777 ARLCO-2024-00673116 23-002		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #1 (12 inch ponding) ARLINGTON	PL25	38.887994-77.121873Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866778 ARLCO-2024-00673117 23-002		BB1 Bioretention	Area Treated	ACRE	0.0075	0.0075	0.09 Planter Box #2 (12 inch ponding) ARLINGTON	PL25	38.888022-77.121753Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866779 ARLCO-2024-00673118 23-002		BB1 Bioretention	Area Treated	ACRE	0.0092	0.0092	0.1104 Planter Box #3 (12 inch ponding ARLINGTON	PL25	38.888114-77.121784Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866780 ARLCO-2024-00673119 23-002		BB1 Bioretention	Area Treated	ACRE	0.0092	0.0092	0.1104 Planter Box #4 (12 inch ponding) ARLINGTON	PL25	38.888080-77.121950Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866781 ARLCO-2024-00673120 23-002		BB1 Bioretention	Area Treated	ACRE	0.0086	0.0086	0.1032 Planter Box #5 (12 inch ponding) ARLINGTON	PL25	38.888045-77.122018Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866782 ARLCO-2024-00673121 23-002		BPP1   Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.01	0.01	0.12 Permeable Pavers ARLINGTON	PL25	38.876028-77.125507Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866783 ARLCO-2024-00673122 23-003		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL25	38.876138-77.125455Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866784 ARLCO-2024-00673123 23-003		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 Planter Box #2 (Ponding 12 inch) ARLINGTON	PL25	38.876023-77.125651Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866785 ARLCO-2024-00673124 23-003		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.01	0.01	0.12 Permeable Pavers ARLINGTON	PL25	38.902221-77.124283Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866786 ARLCO-2024-00673125 23-005		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Urban Bioretention #1 (12 inch ponding ARLINGTON	PL24	38.902221-77.124283Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866787 ARLCO-2024-00673126 23-005		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Urban Bioretention #1 (12 inch ponding ARLINGTON	PL24	38.902178-77.124381Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866788 ARLCO-2024-00673127 23-005		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.01	0.01	0.12 Urban Bioretention #2 (12 inch ponding ARLINGTON	PL24	38.902390-77.124437Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866789 ARLCO-2024-00673128 23-005		BB1 Bioretention	Area Treated	ACRE	0.03	0.03	0.36 Permeable Pavers ARLINGTON	PL24	38.902085-77.124573Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866790 ARLCO-2024-00673129 23-005		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.01	0.01	0.12 Urban Bioretention #3 (12 inch ponding ARLINGTON	PL24	38.902292-77.124605Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866791 ARLCO-2024-00673130 23-005		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Permeable Pavers ARLINGTON	PL25	38.885201-77.143058Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866792 ARLCO-2024-00673131 23-005		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL25	38.885338-77.143153Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866793 ARLCO-2024-00673132 23-005		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no		0.01	0.01	0.12 Permeable Pavers ARLINGTON	PL25	38.885140-77.143217Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866794 ARLCO-2024-00673133 23-006		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.0008	0.0008	0.0096 Permeable Pavers ARLINGTON	PL25	38.877400-77.132541Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866795 ARLCO-2024-00673134 23-006	3B 06/24/2024	BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 planter box # 1 (12 inch ponding) ARLINGTON	PL25	38.888240-77.135909Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866796 ARLCO-2024-00673135 23-006		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 planter box # 2 (12 inch ponding) ARLINGTON	PL25	38.888161-77.136031Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866797 ARLCO-2024-00673136 23-006	3D 06/24/2024	BB1 Bioretention	Area Treated	ACRE	0.0096	0.0096	0.1152 planter box # 3 (12 inch ponding) ARLINGTON	PL25	38.888094-77.135827Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866798 ARLCO-2024-00673137 23-006		BB1 Bioretention	Area Treated	ACRE	0.0075	0.0075	0.09 Planter box # 4 (12 inch ponding) ARLINGTON	PL25	38.888220 -77.135753 Inside MS4 service area Private Yes Both	Jason Papacosma Arlington County
866799 ARLCO-2024-00673138 23-006		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.01	0.01	0.12 Permeable Paver ARLINGTON	PL25	38.888062-77.136041Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866800 ARLCO-2024-00673139 23-006		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 PLANTER BOX #1 (12 inch ponding) ARLINGTON	PL24	38.914446-77.134108Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866801 ARLCO-2024-00673140 23-006		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 PLANTER BOX #2 (12 inch ponding) ARLINGTON	PL24	38.914551-77.133907Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866802 ARLCO-2024-00673141 23-006		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 PLANTER BOX #3 (12 inch ponding) ARLINGTON	PL24	38.914376-77.133903Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866803 ARLCO-2024-00673142 23-007		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 planter box # 2 (12 inch ponding) ARLINGTON	PL25	38.888960-77.146382Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866804 ARLCO-2024-00673143 23-007		BB1 Bioretention	Area Treated	ACRE	0.0078	0.0078	0.0936 planter box # 1 (12 inch ponding) ARLINGTON	PL25	38.889105-77.146304Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866805 ARLCO-2024-00673144 23-007		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.0099	0.0099	0.1188 Permeable pavers ARLINGTON	PL25	38.889157-77.146363Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866806 ARLCO-2024-00673145 23-007	·····	BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 Planter Box # 1 (Ponding 12 inch) ARLINGTON	PL25	38.884446-77.123211Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866807 ARLCO-2024-00673146 23-007		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #2 (Ponding 12 inch) ARLINGTON	PL25	38.884286-77.123236Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866808 ARLCO-2024-00673147 23-007		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.01	0.01	0.12 Driveway ARLINGTON	PL25	38.884509-77.123106Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866809 ARLCO-2024-00673148 23-008		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL25	38.888121-77.145382Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866810 ARLCO-2024-00673149 23-008		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL25	38.877644 -77.092450 Inside MS4 service area Private Yes Both	Jason Papacosma Arlington County
866811 ARLCO-2024-00673150 23-008		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #2 (Ponding 12 inch) ARLINGTON	PL25	38.877547-77.092257Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866812 ARLCO-2024-00673151 23-008		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #3 (Ponding 12 inch) ARLINGTON	PL25	38.877677-77.092192Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866813 ARLCO-2024-00673152 23-008		BB1 Bioretention	Area Treated	ACRE	0.007	0.007	0.084 Planter Box #4 (Ponding 12 inch) ARLINGTON	PL25	38.877541-77.092360Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866814 ARLCO-2024-00673153 23-008		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #5 (Ponding 12 inch) ARLINGTON	PL25	38.877569-77.092423Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866815 ARLCO-2024-00673154 23-008		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #6 (Ponding 12 inch) ARLINGTON	PL25	38.877497-77.092615Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866816 ARLCO-2024-00673155 23-008		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #7 (Ponding 12 inch) ARLINGTON	PL25	38.877517-77.092457Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866817 ARLCO-2024-00673156 23-008		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no		0.0093	0.0093	0.1116 Permeable pavers ARLINGTON	PL25	38.877595-77.092203Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866818 ARLCO-2024-00673157 23-008		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.02	0.02	0.24 Permeable Pavers ARLINGTON	PL25	38.877574-77.092682Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866819 ARLCO-2024-00673158 23-009		BB1 Bioretention	Area Treated	ACRE	0.02	0.02	0.24 PLANTER BOX #1 (Ponding 12 inch) ARLINGTON	PL25	38.884697-77.149365Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866820 ARLCO-2024-00673159 23-009		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 PLANTER BOX #2 (Ponding 12 inch) ARLINGTON	PL25	38.884587-77.149297Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866821 ARLCO-2024-00673160 23-009	·····	BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no		0.01	0.01	0.12 PERMEABLE Pavers ARLINGTON	PL25	38.884624-77.149435Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866822 ARLCO-2024-00673161 23-009		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.0044	0.0044	0.0528 PERMEABLE Pavers ARLINGTON	PL25	38.884717-77.149215Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866823 ARLCO-2024-00673162 23-010		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 PLANTER BOX #1 (Ponding 12 inch) ARLINGTON	PL24	38.918043-77.115189Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866824 ARLCO-2024-00673163 23-010	·····	BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 PLANTER BOX #2 (Ponding 12 inch) ARLINGTON	PL24	38.917984-77.115071Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866825 ARLCO-2024-00673164 23-010		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 PLANTER BOX #3 (Ponding 12 inch) ARLINGTON	PL24	38.918155-77.114932Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866826 ARLCO-2024-00673165 23-010		BPP1 Permeable Pavement	Permeable Pavement w/ Sand, Veg A/B soils, no	o underdra ACRE	0.01	0.01	0.12 PERMEABLE Pavers ARLINGTON	PL24	38.918103-77.115214Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866827 ARLCO-2024-00673166 23-011	·····	BB1 Bioretention	Area Treated	ACRE	0.0072	0.0072	0.0864 Planter box (3 inch ponding) ARLINGTON	PL25	38.878434-77.099317Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866828 ARLCO-2024-00673167 23-011		BB1 Bioretention	Area Treated	ACRE	0.008	0.008	0.096 Planter box (12 inch ponding) ARLINGTON	PL24	38.899736-77.152526Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866829 ARLCO-2024-00673168 23-012		BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #1 (Ponding 12 inch) ARLINGTON	PL25	38.855140-77.057895Inside MS4 service areaPrivateYesBoth	Jason Papacosma Arlington County
866830 ARLCO-2024-00673169 23-012	DB 05/01/2024	BB1 Bioretention	Area Treated	ACRE	0.01	0.01	0.12 Planter Box #2 (Ponding 12 inch) ARLINGTON	PL25	38.855012 -77.057998 Inside MS4 service area Private Yes Both	Jason Papacosma Arlington County
000050 ARLCO-2024-00075109 25-012					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					

Appendix AR21 FY24 Credit for Che								1						1		1	1			1				
Old Technical Criteria	-sapeare Day INIDL			-	-	+		<u> </u>		+	+				-	+	+			+		-		
RR practices						1	-									1	1			1		1		
-			IMPERVIOUS	LOADS	(per DCR I	Potomac	PERVIOUS	LOADS	(per DCR	TOTAL	LOADS to S	SWMF		REMOVAL RAT	ES per	Total Loa	ads removed	4				TP	TN	TSS
		Total drainage											Runoff depth											
SWMF Type	Drain To MS4	•	Area (ac)	тр	TN	TSS	Area (ac)	тр	TN TSS	ТР	TN	TSS	treated (in)	TP TN	TSS	тр	TN	TSS			Drains to MS4	26.5262	180.6828	14002.2913
GreenRoof	Yes	0.0909		1		5 106.5	0.0000					5 106.5			_				100.0%	6	Not Drains to MS4	0.3249	5.4074	344.2509
GreenRoof	Yes	0.1184	4 0.1184	4 <b>0.191</b>	8 2.0	0 138.7	0.0000	0.0	0.0 0	<b>.0</b> 0.	.2 2.0	0 138.7	1.00		6 75%	<b>0.134</b> 1	1 1.1927	103.8884	100.0%	<mark>6</mark>				
Pavers	Yes	0.0000					0.0000	0.0									0.0000		#DIV/0!					
Infiltration Trench	Yes	0.5254						0.0		.0 0.									100.0%	6	In Series			
Bioretention 1	No	0.0100								.0 0.	-				_				100.0%	<mark>6</mark>	Drains to MS4	4.7693	41.8498	
Bioretention 1 Bioretention 2	Yes Yes	0.0240				4 28.1 0 1112.8		0.0		.0 0.			0.50						100.0% 100.0%		Drains to MS4 Not Drains to MS4	0.0000	0.0000	0.0000 0.0000
Pavers	No	0.0000									_	_					0.0000		#DIV/0!	0	Land Use Change	0.0000	0.0000	0.0000
Total	110	0.0000	0.0000	0.000	<b>o</b>   0	0 0.0	0.0000	0.0	0.0		.0 0.0	0.0	0.00	02/0 40/	0070	1.9156					Lana Doc onlange	TP	TN	TSS
																					Drains to MS4	0.5624	6.9246	1263.2910
																					Not drains to MS4	0.2081	0.6448	209.4476
						Potomac			DS (per DCR					REMOVAL RA	•	_								
ST practices			IMPERVIOUS		River Bas	in)	PERVIOUS	Potoma	ac River Basin	) ТОТ	AL LOADS	to SWMF	Runoff	adjustor cu	rves	T	otal Loads re	emoved			Totals:			
													depth											
SWMF Type	Drain To MS4	Total draina	a Area (ac)	TP	ΤN	TSS	Area (ac)	ТР	TN TSS	TP	TN	TSS	treated (in)	TP TN	TSS	TP	TN	TSS			Drains to MS4	31.8579	229.4572	17893.6194
Manufactured-Filtering	Yes	1.43		3 <b>2.316</b>		1 1675.0	0.0000			.0 2.	.3 24.1	_	0.50		_	0.9513			100.0%	<mark>6</mark>	Not Drains to MS4	0.5330	6.0523	
Manufactured-Filtering	Yes	1.2				0 1042.5			3.1 54	<b>.5</b> 1.	.6 18.1		1.00		6 70%	0.8616		766.7840	100.0%					
															total	0.9513	6.2999	875.4637						
New Technical Criteria										_					<u> </u>									
RR practices																				-				
						Dotomo-										1								
			IMPERVIOUS		(per DCR I	Polomac	PERVIOUS		(per DCR c River Basin)	TOTAL	LOADS to S	S/W/ME		REMOVAL RAT	⊏o per	Total	ads removed	4						
		lotal		River Ba			FERVIOUS	Fotomad					Runoff					и 		+				
		drainage											depth											
SWMF Type	Drain To MS4		Area (ac)	TP	TN	TSS	Area (ac)	TP	TN TSS	TP	TN	TSS	treated (in)		TSS	TP	TN	TSS						
Bioretention 1	Yes	9.5971		5 13.557		1 9802.2	1.2286		12.4 216		_		1.00		_	_	98.2175		13.9%	<mark>/</mark> 6				
Bioretention 1	No	0.1093					0.0000		0.0 0			0 120.0	1.00						#REF!					
Bioretention 2 Bioretention 2	No	0.0000						0.0					1.25 1.25						#DIV/0! 100.0%	/				
Dry Swale #2	Yes	0.0000		0.047	+ 8.0 0 0.0	0 0.0		0.1	0.0 0	.0 0.					0 79% 6 79%		0.0000	0.0000		<b>0</b>				
Grass Channel C/D Soils	Yes	1.0616						0.0	10.5 183	.0 0. .3 0.									100.0%	6				
Conserved open space	No	0.4495													_	0.1382			100.0%					
Extended Dry Detention	No	0.3300	0.1600	0 0.259	2 2.1	7 187.4	0.1400	0.1	1.4 24	.6 0.	.3 4.1	1 212.0	1.00	15% 10%	6 75%	<b>0.047</b>	5 0.4107	159.0174	90.9%	<mark>6</mark>				
Vegetated Roof #1	Yes	0.0511						0.0							<b>6 75%</b>	<b>0.037</b> 3	0.3877	44.8908	100.0%	<mark>6</mark>				
Vegetated Roof #2	Yes	0.2267						0.0	0.0 0	.0 0.		8 265.5			6 <b>75%</b>		_		100.0%	<mark>6</mark>				
Vegetated Roof #2 Infiltration Trench	No	0.0000					0.0000	0.0		.0 0.		•			6 75%	-	0.0000		#DIV/0!	/				
Infiltration Trench #2	Yes No	0.0300						0.0		.0 0.							6 0.2984 0 0.0000		100.0% 0.0%	<u>/o</u>				
Infiltration Trench #2	Yes	0.0300								.0 0.	-						_		100.0%	6				
Pavers	Yes	1.7189				0 2013.4				.0 2.									100.0%	<u>6</u>				
Rainwater Harvesting	Yes	6.3600		0 10.303		2 7449.6			0.0 0	<b>.0</b> 10.			1.00		_	9.0668	3 0.0000		100.0%	<mark>6</mark>				
Rainwater Harvesting	Yes	0.1700								<b>.0</b> 0.	.3 2.9		1.00		-				100.0%					
Pavers #1	No	0.0254								<b>.0</b> 0.							0.3469		100.0%	6				
Pavers #2	Yes	1.6192	2 1.6192	2 <b>2.623</b>	1 27.:	3 1896.6	0.0000	0.0	0.0 0	<b>.0</b> 2.	.6 27.3	3 1896.6	1.10	81% 81%	6 <b>79%</b>				100.0%	<mark>6</mark>				
Total			1	-	<b>_</b>	<u> </u>	1		<u> </u>				I		1	22.4192	159.6805	11825.2124						
ST practices			IMPERVIOUS		S (per DCP	Potomac	PERVIOUS		DS (per DCR	тот	AL LOADS	to SWMF		REMOVAL RA	TES per	+ т.	otal Loads re	emoved		+				
													Runoff			1				+				
SWMF Type	Drain To MS4	Total draina	a Area (ac)	TP	ΤN	TSS	Area (ac)	ТР	TN TSS	TP	TN	TSS		TP TN	TSS	ТР	TN	TSS						
Manufactured-Filtering	Yes	3.9000	1.8500			2 2166.9	2.0500		20.6 360	.4 3.	.8 51.8	8 2527.3	1.00			0.767	5 0.0000	0.0000	100.0%					
Manufactured-Filtering	Yes	0.4100											1.00			01001				<mark>6</mark>				
Manufactured-Filtering	No	0.0000	0.0000	0.000	0 0.	0.0	0.0000	0.0	0.0 0	<b>.0</b> 0.	.0 0.0	0.0	1.00	50% 0%					#DIV/0!					
04 922D Upgradad far additional area			+						├──						total	1.0996	6 <u>0.0000</u>	0.0000		<b>_</b>		1		
04-922D Upgraded for additional area ST practices			IMPERVIOUS			Potomac	PERVIOUS		DS (per DCR	тот	AL LOADS	to SW/ME		REMOVAL RA	TES por	<u> </u>	otal Loads re	emoved						
				LUADS									Runoff							-				
SWMF Type	Drain To MS4	Total draina	a Area (ac)	TP	ΤN	TSS	Area (ac)	ТР	TN TSS	TP	TN	TSS	depth	TP TN	TSS	TP	TN	TSS						
Manufactured-Filtering	Yes	0.7399	9 0.7399			5 866.7				<b>.0</b> 1.			0.50	52% 45%		0.626	5 5.5918		100.0%	6				
Manufactured-Filtering	Yes	0.6340	0.6340	0 <b>1.027</b>	1 10.	7 742.6			0.0 0	<b>.0</b> 1.	.0 10.7	7 742.6	0.50	52% 45%	_				100.0%	<mark>6</mark>				
															total	0.0897	0.8003	69.4647						
12-1263B																		<u> </u>						
ST practices			IMPERVIOUS	LUADS	o (per DCR		PERVIOUS	LUA	DS (per DCR	101	AL LOADS		Runoff	REMOVAL RA	i ⊑o per		otal Loads re	emoved						
SWMF Type	Drain To MS4	Total draina	Area (ac)	тр	TN	TSS	Area (ac)	тр	TN TSS	тр	TN	TSS	depth		TSS	тр		TSS						
Pavers	Yes	0.0194		4 0.031	4 0.3						_			52% 45%			4 0.1466		100.0%	6				
		0.0104	0.0101		0.1		0.0000	0.0		- 0.	0.0		0.00		total		4 -0.1466					1		
12-1263C abandoned additional site work b	peing done abandoned.																							
ST practices			IMPERVIOUS	LOADS	6 (per DCR	R Potomac	PERVIOUS	LOA	DS (per DCR	TOT	AL LOADS	to SWMF		REMOVAL RA	TES per	T	otal Loads re	emoved						
													Runoff											
SWMF Type	Drain To MS4		a Area (ac)										depth	TP TN			TN		100.00	/				
Bioretention 1	Yes	0.0513	o 0.0513	J 0.083	1 0.9	9 60.1	0.0000	0.0	0.0 0	<b>.0</b> 0.	.1 0.9	9 60.1	0.50	52% 45%				<b>33.6501</b>		<mark>′0</mark>				
l			1			1	1								τοται	<u> </u>	+ -0.3877	-33.6501	l					

21-0233C was not reported due to a	data entry error.																								
														Runoff											
	5 . 7 . 10 /						• ( )							depth											
SWMF Type	Drain To MS4	Total draina		TP						100 1			TSS	treated (in)				TP	TN	TSS		400.00/			 
Permeable Pavement 1	Yes	0.0600	0.0600	0.097	2 1.0	0 70.3	0.0000	0.0	0.0	0.0	0.1	1.0	0 70.3	1.00	59%	59%			0.596	_		100.0%			 
16-0118A removed																	Total	0.0073	0.5968	8 52.6	0401				 
TO-OTTOA TEINOVEd						+			$\left  \right $				-	Runoff											 
														depth											
SWMF Type	Drain To MS4	Total draina	a Area (ac)	TP	TN	TSS	Area (ac)	ТР	TN T	rss It	Р	ΤN	TSS	treated (in)	ТР	ΤN	TSS	TP	TN	TSS					
Permeable Pavement 2	Yes	0.0044		4 0.007					0.0		0.0			· · · /					0.060		0715	100.0%	,		
																	total	-0.0058	-0.060	1 -4.0	0715				
15-1976B Abandoned and replace w	ith different structure																								
														Runoff											
														depth											
SWMF Type	Drain To MS4	Total draina					Area (ac)		TN T		P	ΤN	TSS	treated (in)				TP	TN	TSS					
Bioretention 1	Yes	0.0256	6 0.0256	6 <b>0.041</b>	5 0.4	4 30.0	0.0000	0.0	0.0	0.0	0.0	0.4	4 30.0	1.00	55%	<b>65%</b>	5 <b>75</b> %	0.0228	0.280	6 22.4	4624	100.0%	•		
																		-0.0228	-0.280	6 -22.4	4624				
													_												
Modified 03-872A																									
ST practices			IMPERVIOUS				PERVIOUS		DS (per D				to SWMF			VAL RA			tal Loads r						
Bioretention before	Yes	0.0877				5 102.7	0.0000		0.0		0.1			0.50					0.6628			100.0%	•		
Bioretention	Yes	0.7007	7 0.3608	B 0.584	5 6.1	422.6	0.3399	0.1	3.4	59.8	0.7	9.5	5 482.4	0.50	52%	<b>45%</b>		0.3783				100.0%	•		
																	Total	0.3041	3.5982	2 212.6	<mark>6018</mark>				
08-872E removed																									
ST practices			IMPERVIOUS	LOADS	6 (per DCR	Potomac	PERVIOUS	LOA	DS (per D	DCR	TOTA	L LOADS	to SWMF		REMO	VAL RA	TES per	To	tal Loads r	emoved					 
							• • •							Runoff											
SWMF Type	Drain To MS4	Total draina		TP	TN		Area (ac)			TSS T	P 0.0	TN	TSS		TP	TN	TSS	TP	TN	TSS	100	400.00/			
Green Roof	Yes	0.2066	6 0.2066	6 <b>0.334</b>	7 3.5	5 242.0	0.0000	0.0	0.0	0.0	0.3	3.5	5 242.0	0.50	52%	<b>45</b> %			1.5614			100.0%	•		
14-1653F not reported due to data er	atmy arran																total	-0.1749	-1.5014	4 -135.	000				
ST practices			IMPERVIOUS		Cher DCR	Potomac	PERVIOUS		DS (per D		ΤΟΤΑ		to SWMF		REMO	VAL RA	TES per	То	tal Loads r	emoved					 
or practices				LOADC			I LINIOUU				IUIA			Runoff				10		enioveu					 
SWMF Type	Drain To MS4	Total draina	Area (ac)	ТР	TN	TSS	Area (ac)	ТР	ти т	гее т	P	TN	TSS		TP	TN	TSS	ТР	TN	TSS					
Green Roof	Yes	0.0259								00	0.0										9890	100.0%			
	100	0.0200	0.0200	0.012	• •		0.0000	0.0	0.0	0.0	0.0	0.1		0.00	0270		total	0.0219							
06-1020C was originally 4 different g	areen roof section and they have be	een divided into 06-	1020C, D, E, F			1 1											lota	0.0210	0.100						
ST practices			IMPERVIOUS	LOADS	6 (per DCR	Potomac	PERVIOUS	LOA	DS (per D	DCR	ΤΟΤΑ	L LOADS	to SWMF		REMO		TES per	То	tal Loads r	emoved					
													T	Runoff		T	<u> </u>			T					
SWMF Type	Drain To MS4	Total draina	a Area (ac)	TP	TN	TSS	Area (ac)	TP	ти т	rss T	P	TN	TSS	depth	TP	ΤN	TSS	TP	TN	TSS					
Green Roof - 06-1020C O	Yes	0.1801				211.0	0.0000	0.0	0.0	0.0	0.3	3.0		0.50	52%					1 118.1	1360	100.0%	,		
Green Roof - 06-1020C New	Yes	0.0872	2 0.0872	2 <b>0.141</b>	3 1.5	5 102.1	0.0000		0.0			1.5	5 102.1	0.50	52%	45%	56%	0.0738	0.659	0 57.1		100.0%	•		
Green Roof - 06-1020D	Yes	0.0762		2 <b>0.123</b>	4 1.3	8 89.3	0.0000		0.0		0.1		_						0.575			100.0%			
Green Roof - 06-1020E	Yes	0.0223		3 <b>0.036</b>	1 0.4	4 26.1	0.0000	0.0	0.0	0.0	0.0	0.4	4 26.1	0.50	52%	45%	5 <b>6%</b>	0.0189	0.168	5 14.6	6276	100.0%			
Green Roof - 06-1020F	Yes	0.2056	6 0.2056	6 <b>0.333</b>	1 3.5	5 240.8	0.0000		0.0	0.0	0.3	3.5	5 240.8	0.50	52%				1.553			100.0%			
																	Total	0.1788	1.596	1 138.5	5359				

In Series FY24																		
Facility ID BMPType	Drains to MS4	IMPERVIOUS	LOADS (pe	er DCR Potomac Rive	r PERVIOU	LOADS (per DCR P	otomac River TOTAL LC	ADS to BMP		REMO	VAL RATES per adjuste	or d Total Loads removed		Volume Treated	I (Ac/Ft)			
	Total drain	Area (ac)	TP	TN TSS	Area (ac)	TP TN	TSS TP	TN T	SS Retrofit std Re	etrofit stoRunoff depTP	TN TSS	TP TN	TSS	A drains to C report C as pr			TP	TN TSS
22-0086D BIORETENTION #1	Yes 0.0041	0.0041				0.00 0.0	<b>0.00</b> 0.007	0.069	4.802	1.00	55% 64% 7	5% 0.0037 0.0442	3.6018	0.000342	C	Drain to MS4	4.7693	41.8498 2628.0371
22-0086E BIORETENTION #1	Yes 0.02	0.02		2 0.34 23.4		0.00 0.0	<b>0.00</b> 0.035	0.362	24.627	1.00	55% 64% 7	5% 0.0195 0.2317	18.4703	0.001667				
	0.0241	0.0241			0.0000						-	tal 0.0231 0.2760		0.002008				
Facility ID BMPType			LOADS (pe			N. N	otomac River TOTAL LC					or d Total Loads removed						
	Total drain		TP	TN TSS	Area (ac)		TSS TP			etrofit stdRunoff depTP	TN TSS	TP TN	TSS	F drains to H report H as pr	,		TP	TN TSS
	Yes 0.05	0.05				0.00 0.0			58.566			5% 0.0446 0.5395		0.004167		Does not Drain to MS4	0.0000	0.0000 0.0000
22-0214H BIORETENTION #1	Yes 0	0	0.000	0.00 0.0		0.00 0.0	<b>0.00</b> 0.036	0.303	14.642	1.00		<b>0.0200</b> 0.1942		0.000000				
	0.0500				0.0000						-	tal 0.0646 0.7337		0.004167				
Facility ID BMPType				1			otomac River TOTAL LC					or d Total Loads removed						
22-0214G BIORETENTION #1	Total drain		0.081	TN TSS	Area (ac)	0.00 0.0	TSS TP 0 0.00 0.081		SS Retrofit std Re 58.566	etrofit std Runoff dep TP	TN TSS	TP TN 5% 0.0446 0.5395		G drains to I report I as prin 0.004167	,	Drain to MS4		
	Yes 0.05 Yes 0	0.05	0.001			0.00 0.0		0.0.0	14.642			0.0200 0.1942		0.004167	L			
ZZ-02141 BIOKETENTION #1	0.0500	0.0500			0.0000		0.00	0.303	14.042	1.00	<u>55% 04% 73</u> To			0.000000			+	
Facility ID BMPType		IMPERVIOUS		er DCR Potomac Rive			tomac River TOTAL LC			REMO	VAL RATES per adjust		34.9030	0.004107			+	
	Total drain		TP	TN TSS	Area (ac)		TSS TP		SS Retrofit stoRe	etrofit stdRunoff ded TP	TN TSS	TP TN	TSS	B drains to C report C as pr	imary			
17-0285B BIORETENTION #1	Yes 0.01	0.01	0.016		· /	0.00 0.0	0.00 0.016		11.713	1.00		0.0089 0.1079	8.7849	0.000833	,	Drain to MS4		
	Yes 0	0	0.000		0 (	0.00 0.0			2.928	1.10	<b>3% 92% 7</b>	0.0068 0.0558		0.000000				
	0.0100	0.0100			0.000						То	tal 0.0157 0.1637		0.000833				
Facility ID	Total drain	Area (ac)	TP	TN TSS	Area (ac)	TP TN	TSS TP	TN T	SS Retrofit stoRe	etrofit stoRunoff depTP	TN TSS	TP TN	TSS	D drains to E report E				
22-0093D BIORETENTION #1	Yes 0.02	0.02	0.032	2 0.34 23.4	3 (	0.00 0.0	0.032	0.337	23.426	1.00	55% 64% 7	5% 0.0178 0.2158	17.5698	0.001667				
22-0093E BIORETENTION #1	Yes 0.0002	0.0002	0.000	0.00 0.2	3 (	0.00 0.0	0.015	0.125	6.091	1.00	55% 64% 7	0.0082 0.0798 0.0798	4.5681	0.000017				
	0.0202	0.0202			0.0000						To	tal 0.0260 0.2957	22.1379	0.001683				
Facility ID BMPType				er DCR Potomac Rive			otomac River TOTAL LC	ADS to BMP		REMO	-	or dTotal Loads removed					1	
	Total drain		TP	TN TSS	Area (ac)	, , , , , , , , , , , , , , , , , , ,	TSS TP		SS Retrofit stoRe	etrofit stoRunoff depTP	TN TSS	TP TN	TSS	A drains to C report C as pr	imary		1	
22-0033F BIORETENTION #1	Yes 0.03	0.03			4 (	0.00 0.0	<b>0.00</b> 0.049	0.506	35.140	1.00	55% 64% 7	5% <b>0.0267 0.323</b> 7		0.002500				
22-0033FF BIORETENTION #1	Yes 0	0	0.000	0.00 0.0	0	0.00 0.0	0.022	0.182	8.785	1.00	55% 64% 7	5% 0.0120 0.1165	6.5887	0.000000				
	0.0300	0.0300			0.000						То	tal 0.0388 0.4402		0.002500				
Facility ID	Total drain		TP	TN TSS	Area (ac)		TSS TP		SS Retrofit stoRe	etrofit stoRunoff depTP	TN TSS	TP TN	TSS	FFF drain to G report G				
22-0033FFF BIORETENTION #1	Yes 0.01	0.01			<b>'1</b> (	0.00 0.0	<b>0.00</b> 0.016	0.169	11.713	1.00	55% 64% 7	5% 0.0089 0.1079	8.7849	0.000833				
22-0033G BIORETENTION #1	Yes 0	0	0.000	0.00 0.0	0	0.00 0.0	<b>0.00</b> 0.007	0.061	2.928	1.00	55% 64% 7	5% 0.0040 0.0388	2.1962	0.000000				
	0.0100	0.0100			0.0000						То	tal 0.0129 0.1467	10.9811	0.000833				
Facility ID BMPType	Drains to MS4	IMPERVIOUS	LOADS (pe	er DCR Potomac Rive	r PERVIOU	SLOADS (per DCR P	otomac River TOTAL LC	ADS to BMP		REMO	VAL RATES per adjuste	or d Total Loads removed						
	Total drain	Area (ac)	TP	TN TSS	Area (ac)	TP TN	TSS TP	TN T	SS Retrofit stoRe	etrofit stoRunoff depTP	TN TSS	TP TN	TSS	D drains to J report J				
21-0093D Vegetated Roof #2	Yes 0.07	0.07	0.113	3 1.18 81.9	9 (	0.00 0.0	<b>0.00</b> 0.113	1.180	81.992	1.10	60% 60% 7	5% <b>0.0680 0.7081</b>	61.4943	0.006417				
21-0093J BIORETENTION #1	Yes 0	0	0.000	0.00 0.0	0	0.00 0.0	<b>0.00</b> 0.045	0.472	20.498	1.00	55% 64% 7	5% 0.0249 0.3021	15.3736	0.000000				
	0.0700	0.0700			0.0000						То	tal 0.0930 1.0103	76.8679	0.006417				
Facility ID	Total drain	Area (ac)	TP	TN TSS	Area (ac)	TP TN	TSS TP	TN T	SS Retrofit sto Re	etrofit stoRunoff depTP	TN TSS	TP TN	TSS	E drain to K reort K				
ÿ	Yes 0.05	0.05			<b>7</b> (	0.00 0.0			58.566	1.10	50%	5% 0.0486 0.5058	43.9245	0.004583				
21-0093K BIORETENTION #1	Yes 0	0	0.000	0.00 0.0	0	0.00 0.0	<b>0.00</b> 0.032	0.337	14.642	1.00	55% 64% 7	5% 0.0178 0.2158	10.9811	0.000000				
	0.0500	0.0500			0.0000						То	tal 0.0664 0.7216	54.9056	0.004583				
Facility ID BMPType	Drains to MS4	IMPERVIOUS	LOADS (pe	er DCR Potomac Rive	r PERVIOU	SLOADS (per DCR P	otomac River TOTAL LC	ADS to BMP		REMO	VAL RATES per adjuste	or d Total Loads removed						
	Total drain	Area (ac)	TP	TN TSS	Area (ac)	TP TN	TSS TP	TN T	SS Retrofit sto Re	etrofit stoRunoff depTP	TN TSS	TP TN	TSS	Q & R drain to A r	report A			
18-0016A BIORETENTION #1	Yes 0.13	0.13	0.211	l 2.19 152.2	0.0000	0.00 0.0	0 0.00 0.211	2.192	152.272	1.00	55% 64% 7	5% 0.1158 1.4028	114.2037	0.010833				
18-0016Q VEGETATED ROOF #1	Yes 0.03	0.03	0.049		4 0.0000		<b>0 0.00</b> 0.143	1.295	73.208	1.00	45% 45% 7	5% 0.0645 0.5827	54.9056	0.002500				
18-0016R VEGETATED ROOF #1	Yes 0.03			0 0.51 35.1			<b>0 0.00</b> 0.222	2 2.007	91.509	1.00	45% 45% 7	5% 0.1000 0.9032	68.6320	0.002500				
	0.19	0.1900			0.0000						То	tal 0.2803 2.8886	237.7414	0.015833				
Facility ID BMPType		IMPERVIOUS	LOADS (pe	er DCR Potomac Rive	r IPERVIOU	SLOADS (per DCR P	otomac River TOTAL LC	ADS to BMP			VAL RATES per adjuste	or d Total Loads removed						
	Total drain	Area (ac)	TP	TN TSS	Area (ac)		TSS TP			etrofit stoRunoff depTP	TN TSS	TP TN	TSS	A to D then D to E				
	Yes 0.05								58.566	1.00	50% 0%	0% 0.0405 0.0000		0.004167				
18-00160 VEGETATED ROOF #1	Yes 0.04								105.419	1.00		5% 0.0474 0.6828		0.003333				
18-0016P VEGETATED ROOF #1	Yes 0.02			2 0.34 23.4			<b>0 0.00</b> 0.131	2.015	108.347	1.00		5% 0.0589 0.9066	•••=•••	0.001667				
	0.11	0.1100			0.0000						То			0.009167				
Facility ID BMPType			LOADS (pe	1			otomac River TOTAL LC					or d Total Loads removed						
	Total drain	( )	115	TN TSS	Area (ac)		TSS TP			etrofit stoRunoff depTP	TN TSS	TP TN		A to C drain to E report A			<u> </u>	
	Yes 0.03					0.00 0.0						5%         0.0287         0.2984		0.002500	ļ		ļ	
	Yes 0.19					0.00 0.0			222.551			5%         0.1816         1.8900           000000000000000000000000000000000000		0.015833			ļ	
	Yes 0.62	0.62				0.00 0.0			726.218		40% 0%	0% 0.4097 0.0000		0.051667			<u> </u>	
18-0119E MANUFACTURED BMP	Yes 0	0	0.000	0.00 0.0		0.00 0.0	<b>0 0.00</b> 0.761	11.974	/90.641	1.00	070	0% 0.3804 0.0000	0.0000	0.000000				
	0.8400											tal 1.0004 2.1884		0.0700			┨────┤	
Facility ID BMPType	Drains to MS4 Total drain		ILUAUS (PE	1			otomac River TOTAL LC		SS Retrofit stdRe	etrofit std Runoff deg TP	TN TSS	or d Total Loads removed		A to G drain to I report A			<u> </u>	
18-0246A BIORETENTION #1		( )	0.081	TN TSS	Area (ac)	0.00 0.0	TSS TP 0 0.00 0.081		58.566			0.0446 0.5395		A to G drain to Treport A 0.004167			+	
	Yes 0.05 Yes 0.05					0.00 0.0			58.566			0.0446         0.5395           0%         0.0446         0.5395           0%         0.0446         0.5395		0.004167			-	
	Yes 0.05 Yes 0.05					0.00 0.00			58.566			0.0446 0.5395 0.0446 0.5395		0.004167			+	
	Yes 0.05	0.05				0.00 0.0			58.566	1.00		0.0446         0.5395           0%         0.0446         0.5395		0.004167			+	
	Yes 0.05					0.00 0.0			70.279			0.0446         0.5395           0%         0.0535         0.6474					+	
	Yes 0.06					0.00 0.0			2.108			0.0535         0.0474           0%         0.0017         0.0182		0.000165			+	
	Yes 0.05					0.00 0.0			7.848			0.0017         0.0182           5%         0.0065         0.0678		0.000165			+	
	Yes 0.53					0.00 0.0			699.424			0.5268 0.0000		0.000614			+	
	0.53 0.8900			0.34 020.0	0.0000		1.002	10.071	555.727	1.00		tal 0.7667 2.8915		0.044167			+	
Facility ID BMPType				er DCR Potomac Rive			tomac River TOTAL LC	ADS to BMP		REMO		or d Total Loads removed		0.000				
			(pt			N I								<u> </u>			1	
	Total drain		TP	TN TSS	Area (ac)		TSS TP			etrofit std Runoff dep TP	TN TSS	TP TN	TSS	A to K drain to L Report A				
	Yes 0.04					0.00 0.0			46.853			5%         0.0356         0.4316		0.003333			ļ	
	Yes 0.04					0.00 0.0			46.853			5%         0.0356         0.4316		0.003333				
	Yes 0.04					0.00 0.0			46.853			5%         0.0356         0.4316		0.003333				
	Yes 0.03					0.00 0.0			35.140	1.00		0.0267 0.3237		0.002500			ļ]	
	Yes 0.05					0.00 0.0			58.566			<b>0.0446</b> 0.5395		0.004167				
	Yes 0.04					0.00 0.0			46.853			0.0356 0.4316		0.003333			ļ	
	Yes 0.04					0.00 0.0			46.853			0.0356         0.4316           000000000000000000000000000000000000		0.003333			<u> </u>	
	Yes 0.03					0.00 0.0			35.140			0.0267         0.3237		0.002500			<u> </u>	
	Yes 0.03					0.00 0.0			35.140			0.0267         0.3237           000000000000000000000000000000000000		0.002500			ļ	
	Yes 0.03					0.00 0.0			35.140			5%         0.0219         0.2276           000000000000000000000000000000000000		0.002500			ļ	
	Yes 0.03	0.03				0.00 0.0			35.140			5%         0.0219         0.2276           000000000000000000000000000000000000		0.002500			ļ	
20-0163L MANUFACTURED BMP	Yes 0	0	0.000	0.00 0.0	<b>U</b> (	0.00 0.0	<b>0 0.00</b> 0.301	2.620	117.132	1.00		0% 0.1205 0.0000		0.00000			<u> </u>	
	0.4	0.4			(	ין א					Total	0.4672 4.1240	351.3960	0.033333				

Facility ID BMPType	Drains to MS4	IMPERVIOUS	LOADS (per	r DCR Potoma	ac River PERV	OUSLOADS (per DCR Po	otomac River TOTAL LC	ADS to BMP		REMOVA	RATES per adjustor of	Total Loads removed					
	Total drair	Area (ac)	TP 1	TN TS	SS Area (	ac) TP TN	TSS TP	TN TSS	Retrofit std Retrofit st	dRunoff depTP	TN TSS	TP TN	TSS	B,C & D drain to A			
20-0178A BIORETENTION #1	Yes 0.7448	0	0.000	0.00	0.00 0.7	748 <b>0.32 7.8</b>	0 <b>136.21</b> 0.318	7.802 136.210		1.00 55%	64% 75%	0.1747 4.9934	102.1574	0.062067			
20-0178B BIORETENTION #1	Yes 0.0546	0.0452	0.073	0.76	<b>52.94</b> 0.0	094 0.00 0.0	9 1.65 0.077	0.857 54.596		1.00 55%	64% 75%	0.0424 0.5483	40.9471	0.004550			
20-0178C BIORETENTION #1	Yes 0.0605	0.0536	0.087	0.90	<b>62.78</b> 0.0	069 0.00 0.0	7 <b>1.21</b> 0.233	0.973 63.996		1.00 55%	64% 75%	0.1279 0.6228	47.9968	0.005042			
	Yes 0	) 0	0.000	0.00	0.00	0 0.00 0.0	0 0.00 0.282	3.468 63.700		1.00 50%	0% 0%		0.0000	0.000000			
	0.8599	0.0988			0.7						Total	0.4862 6.1646	191,1013	0.0717			
Facility ID BMPType	Drains to MS4			DCR Potoma		OUSLOADS (per DCR Po	otomac River TOTAL LC	ADS to BMP		REMOVA		Total Loads removed					
	Total drair	Area (ac)	TP 1	TN TS			ITSS TP	TN TSS	Retrofit std Retrofit st		TN TSS	TP ITN		A to D drain to E Report E			
21-0061A BIORETENTION #1	Yes 0.009	( )	0.015		10.54	0 0.00 0.0	0 0.00 0.015	0.152 10.542		1.00 55%	64% 75%	0.0080 0.0971		0.000750			
	Yes 0.01		0.016	0.17	11.71	0 0.00 0.0				1.00 55%	64% 75%	0.0089 0.1079	8.7849	0.000833			
21-0061C BIORETENTION #1	Yes 0.0086				10.07	0 0.00 0.0				1.00 55%	64% 75%			0.000717			
	Yes 0.01			0.17	11.71	0 0.00 0.0				1.00 59%	59% 75%			0.000833			
	Yes 0	0.01	0.000		0.00	0 0.00 0.0				1.00 55%	64% 75%			0.000000			
DIGNETENTION #1	0.0376	0.0376		0.00	0.0		0.000	0.201 11.010		1.00	Total			0.0031			
Facility ID BMPType	Drains to MS4					OUSLOADS (per DCR P				REMOV/A		Total Loads removed	41.2090	0.0031			
		Area (ac)	<u> </u>	TN TS			TSS TP	TN TSS	Retrofit std Retrofit st	-	TN TSS	TP TN	TSS	A drains to B report B			
21-0167A BIORETENTION #1	Yes 0.74		0.000		(	0.74 <b>0.30 7.4</b>				1.00 55%				0.061667			
	Yes 0.05	0.04			46.85	0 0.00 0.0				1.00 55%				0.004167			
21-0167B BIORETENTION #1	0.05 0.7900			0.07	40.05		0.201	3.337 79.370		1.00 55%	Total			0.065833			
	0.7900	0.0400			0.7	400						0.2776 6.9177	157.1009	0.065633			
Facility ID BMPType	Drains to MS4	IMPERVIOUS			De River DERV	OUSLOADS (per DCR Po					PATES por adjustor (	Total Loads removed					
						<u> </u>		TN TSS	Retrofit std Retrofit st		TN TSS			C drains to E Poport E			
		Area (ac)	0.081	TN TS 0.84	· · · ·	ac) TP TN 0 0.00 0.0	TSS TP 0 0.00 0.081			1.00 <b>55%</b>		TP TN 0.0446 0.5395		C drains to E Report E 0.005000	+		
	100 0.00	0.05	0.081		58.57						64% 75% 0% 0%			0.000000	+		
21-0167E BIORETENTION #1	Yes 0			0.00	0.00		0 0.00 0.036	0.303 14.642		1.00 50%	• / •				<u>                                     </u>		
	0.0600				0.0				<u> </u>		Total		43.9245	0.0050	<u>                                     </u>		
Facility ID BMPType	Drains to MS4		per) פטאט די סדו			OUSLOADS (per DCR Po		7 7			· · · · ·	Total Loads removed	Tee	C drains to D report D	+		
		Area (ac)		TN TS	(	,	TSS TP	TN TSS	Retrofit sto Retrofit sto	<u>'</u>	TN TSS	TP TN		G drains to B report B	<u>                                     </u>		
	Yes 0.0339	0.0276			<b>32.33</b> 0.0					1.00 55%				0.002825	<u>                                     </u>		
21-0271G BIORETENTION #1	Yes 0.004			0.07	4.69	0 0.00 0.0	<b>0 0.00</b> 0.028	0.258 13.044		1.00 50%	0% 0%			0.000333	<u> </u>		
	0.0379				0.0						Total			0.0032	<u> </u>		
Facility ID BMPType	Drains to MS4		(i			OUSLOADS (per DCR Po			Data fit it D t fit i			Total Loads removed			<u> </u>		
04.00054	Total drair	,		TN TS	,			100	Retrofit std Retrofit st					A to D drain to E Report E	<u> </u>		
21-0285A BIORETENTION #1	Yes 0.02	0.02			23.43	0 0.00 0.0				1.00 55%	64% 75%			0.001667			
	Yes 0.01			0.17	11.71	0 <b>0.00 0.0</b>				1.00 55%				0.000833			
	Yes 0.01			0.17	11.71	0 <b>0.00 0.0</b>				1.00 55%	64% 75%			0.000833			
21-0285D BIORETENTION #1	Yes 0.02			0.34	23.43	0 0.00 0.0	<b>0 0.00</b> 0.032	0.337 23.426		1.00 55%	64% 75%	0.0178 0.2158	17.5698	0.001667			
21-0285E BIORETENTION #1	Yes 0.05	0.05	0.081	0.84	58.57	0 <b>0.00 0.0</b>	<b>0 0.00</b> 0.131	1.207 76.136		1.00 55%	64% 75%	0.0722 0.7726	57.1019	0.004167			
	0.1100	0.1100			0.0	000					Total	0.1337 1.4200	109.8113	0.0092			
ВМРТуре	Drains to MS4	IMPERVIOUS	LOADS (per	r DCR Potoma	ac River PERV	OUSLOADS (per DCR Po	otomac River TOTAL LC	ADS to BMP		REMOVA	RATES per adjustor of	Total Loads removed					
Facility ID	Total drair	Area (ac)	TP 1	TN TS	SS Area (	ac) TP TN	TSS TP	TN TSS	Retrofit std Retrofit st	dRunoff depTP	TN TSS	TP TN	TSS	B &C drain to A Report A			
22-0071A BIORETENTION #1	Yes 0.16	0.1	0.162	1.69	117.13	.06 <b>0.02 0.6</b>	<b>0 10.55</b> 0.187	2.290 127.680		1.00 55%	64% 75%	0.1026 1.4657	95.7600	0.013333			
22-0071B BIORETENTION #1	Yes 0.02	0.02	0.032	1.69	117.13	0 <b>0.00 0.0</b>	<b>0 0.00</b> 0.116	2.510 149.052		1.00 55%	64% 75%	0.0640 1.6067	111.7890	0.001667			
22-0071C PERMEABLE PAVEMENT #1	Yes 0.01	0.01	0.016	0.34	23.43	0.00 0.0	<b>0 0.00</b> 0.153	2.065 92.609		1.00 59%	59% 75%	0.0900 1.2186	69.4571	0.000833			
	0.1900	0.1300			0.0	600					Total	0.2566 4.2910	277.0061	0.0158			
Facility ID BMPType	Drains to MS4	IMPERVIOUS	LOADS (per	DCR Potoma	ac River PERV	OUSLOADS (per DCR Po	otomac River TOTAL LC	ADS to BMP		REMOVA	RATES per adjustor of	Total Loads removed					
	Total drair	Area (ac)	TP 1	TN TS	S Area (	ac) TP TN	TSS TP	TN TSS	Retrofit std Retrofit st	dRunoff depTP	TN TSS	TP TN	TSS	A to C and F drain to D Report D			
21-0088A BIORETENTION #1	Yes 0.03	0.03	0.049	0.51	35.14	0 0.00 0.0	0 0.00 0.049	0.506 35.140		1.00 55%	64% 75%	0.0267 0.3237	26.3547	0.002500			
21-0088B BIORETENTION #1	Yes 0.01	0.01	0.016	0.17	11.71	0 0.00 0.0	0 0.00 0.016	0.169 11.713		1.00 55%	64% 75%	0.0089 0.1079	8.7849	0.000833			
21-0088C BIORETENTION #1	Yes 0.0066	0.0066	0.011	0.11	7.73	0 0.00 0.0	0 0.00 0.033	0.111 7.731		1.00 55%	64% 75%	0.0179 0.0712	5.7980	0.000550			
21-0088F PERMEABLE PAVEMENT #1	Yes 0.01	0.01	0.016	0.17	11.71	0 0.00 0.0	0 0.00 0.016	0.169 11.713		1.00 59%	59% 75%	0.0096 0.0995	8.7849	0.000833			
	Yes 0	0	0.000	0.00	0.00	0 0.00 0.0	0 0.00 0.050	0.352 16.574		1.00 55%	64% 75%	0.0278 0.2253	12.4306	0.000000			
	0.0566	0.0566				0					Total			0.0047			
Facility ID BMPType	Drains to MS4			r DCR Potome	ac River PERV	OUSLOADS (per DCR Po	otomac River TOTAL LC	ADS to BMP		REMOVA		Total Loads removed			+		
														· · · · · · · · · · · · · · · · · · ·	1 1		
		Area (ac)	1112	TN TS	· · · · · · · · · · · · · · · · · · ·	,	TSS TP		Retrofit sto Retrofit sto	qRunoff depTP	TN TSS	IP TN	TSS	A to E drain to F report A			
21-0126A VEGETATED ROOF #2	Yes 0.0059				6.91	0 0.00 0.0				1.10 60%	<b>60% 75%</b>			0.000541	ļ		
21-0126B VEGETATED ROOF #2	Yes 0.0025	0.0025		0.04	2.93	0 0.00 0.0				1.10 60%	<u>60%</u> 75%	0.002.0	2.1962	0.000229	ļ		
21-0126C VEGETATED ROOF #2	Yes 0.0057	0.0057		0.10	6.68	0 0.00 0.0				1.10 60%	<u>60%</u> 75%			0.000523	<u>                                     </u>		
21-0126D VEGETATED ROOF #2	Yes 0.01			0.17	11.71	0 0.00 0.0				1.10 60%	<u>60%</u> 75%			0.000917	<u> </u>		
21-0126E VEGETATED ROOF #2	Yes 0.01			0.17	11.71	0 0.00 0.0				1.10 60%	<u>60%</u> 75%	0.0097 0.1012		0.000917	<u> </u>		
21-0126F Manufactured	Yes 0.06			1.01	70.28	0 0.00 0.0	<b>0 0.00</b> 0.119	1.242 80.265		1.00 50%	U% 0%	0.0596 0.0000	0.0000	0.005000	+		
	0.0941								┥──┤		Total	0.0928 0.3450		0.008126	+		
Facility ID BMPType	Drains to MS4		LUADS (per			OUSLOADS (per DCR Po			Detrofit stal Data fit i		KAIES per adjustor o	Total Loads removed			+		
04.00404		Area (ac)		TN TS	(	,	TSS TP	TN TSS	Retrofit sto Retrofit sto				TSS	a & B drain to c report c	<u> </u>		
21-0216A BIORETENTION #1	Yes 0.01	0.01			<b>11.71</b> 0.0					1.00 55%	64% 75%			0.000833	<u> </u>		
	Yes 0.01				<b>11.71</b> 0.0					1.00 55%				0.000833	ļ		
21-0216C BIORETENTION #1	Yes 0.01			0.17		0.00 0.00 0.0	<b>0.00</b> 0.034	0.312 18.302		1.00 55%		0.0187 0.1996		0.000833			
	0.03				0.0							0.0406 0.4542		0.002500			
Facility ID BMPType			, i			OUSLOADS (per DCR Po						Total Loads removed		I			
		()		TN TS		· · ·	TSS TP		Retrofit std Retrofit st	1			TSS	a & B drain to E report E			
	Yes 0.01				<b>11.71</b> 0.0					1.00 55%				0.000833			
	Yes 0.01				<b>11.71</b> 0.0					1.00 55%				0.000833			
21-0340E BIORETENTION #1	Yes 0.03			0.51	<b>35.14</b> 0.0		<b>0 0.00</b> 0.066	0.649 41.728		1.00 55%				0.002500			
	0.05				0.0							0.0584 0.6700		0.004167			
Facility ID BMPType			LOADS (per			OUSLOADS (per DCR Po					1 7	Total Loads removed					
	Total drair	Area (ac)		TN TS	SS Area (	· ·	TSS TP		Retrofit sto Retrofit sto	dRunoff depTP	TN TSS			G to J drain to K Report K			
22-0179G BIORETENTION #1	Yes 0.02	0.02			23.43	0 <b>0.00 0.0</b>				1.00 55%				0.001667			
22-0179H BIORETENTION #1	Yes 0.0049	0.0049	0.008	0.08	5.74	0 0.00 0.0		0.083 5.739		1.00 55%	64% 75%	0.0044 0.0529	4.3046	0.000408			
22-0179I BIORETENTION #1	Yes 0.02			0.34	23.43	0 <b>0.00 0.0</b>	0 0.00 0.047	0.337 23.426		1.00 55%	64% 75%	0.0258 0.2158	17.5698	0.001667			
22-0179J BIORETENTION #1	Yes 0.01				11.71	0 <b>0.00 0.0</b>	0 0.00 0.016	0.169 11.713		1.00 55%	64% 75%	0.0089 0.1079	8.7849	0.000833			
	Yes 0.03				35.14	0.00 0.0				1.00 55%	64% 75%	0.0524 0.5370	38.4120	0.002500			
	0.0849					0						0.1093 1.1294		0.0071			
				1													
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	-	-										· · · · · · · · · · · · · · · · · · ·	-	I			

# Septic Conversion Through June 30, 2024 Reduction from Residential Septic Conversions

TN Edge of Stream Loading	3.6 From DEQ
Average number of people per	2.1 2020 Census
Number of residential conversions:	7 See list below
Residential TN Reduction(lbs/year)=	52.92

PARCEL ADDRESS	PARCEL CITY/STATE	LAT	LONG	STATUS CHANGE DATE	TYPE (R OR C)	HUC6
3915 44TH STREET N	ARLINGTON, VA 22207	38.93263413	-77.11997586	04/04/2017	R	PL24
405 CHAIN BRIDGE ROAD	ARLINGTON, VA 22207	38.9329451	-77.12013212	04/22/2015	R	PL24
407 CHAIN BRIDGE ROAD	ARLINGTON, VA 22201	38.93354004	-77.11960553	04/04/2017	R	PL23
4238 COLUMBIA PIKE	ARLINGTON, VA 22204	38.85789869	-77.10308637	04/09/2020	R	PL25
3656 N MONROE STREET	ARLINGTON, VA 22207	38.92288816	-77.1149649	03/28/2018	R	PL24
2500 25TH STREET N	ARLINGTON, VA 22207	38.90371016	-77.09249783	2/4/2011*	R	PL24
3520 ROBERTS LANE	ARLINGTON, VA 22207	38.92036533	-77.11194332	12/15/2006*	R	PL24

*Date connected to public sewer as exact date septic was removed is unknown. All other dates refer to removal of the septic tank.

## Street Sweeping Credits for FY24

Practice		Description	Approx Passes/yr	TSS Removal(%)	TN Removal (%)	TP Removal (%)				Permit rates	
SCP-1		AST-2 PW	~100	21	4	10			TSS	1171	
SCP-2		AST-1PW	~50	16	3	8			TN	16.86	
			26	11.2	2.04	5.12			TP	1.62	
SCP-3		AST-1P2W	~25	11.0	2.0	5.0					
			~24	10.3	1.9	4.8					
			~23	9.9	1.8	4.6					
			~20	8.6	1.6	4					
				Lane Miles per			ТР				
				pass or Acres by			Removal	TSS	TN	ТР	
Year	Туре	Lane Miles	Passes	pass	TSS Removal (%)	TN Removal (%)	(%)	Removed	Removed	Removed	
	Comm	5349.64	19	281.56	8	1.4		29282.24	66.459422	0.101088	
2024	Bike Lane	42	7	6	7.4	1.28	3.57	577.2	1.294848	0.086184	
							Total	29859.44	67.75427	0.187272	

Arlington County uses Regenerative Air Sweepers with side brushes. The current model being used is the Schwartz A7 and Tymco 600.

## Step 1

Characterize the Acres and Loads Draining to the Retrofit

				Impervious LOADS	(per DCR Potom	ac River Basin)	Pervious LC	OADS (per DCR Poton	nac River Basin)	TC	TAL LOADS to retrof	t
		Urban Pervious Total Urban										
	Urban Impervious Acres	Acres	Acres	TN	ТР	TSS	TN	ТР	TSS	TN	ТР	TSS
Regulated AC	201.47	206.23	407.70	3396.9	326.4	235990.5	2076.7	84.6	36255.2	5473.6	410.9	272245.8
Regulated APS	4.44	5.09	9.54	74.9	7.2	5200.7	51.3	2.1	894.8	126.1	9.3	6095.5
Regulated VDOT	21.50	9.50	31.00	362.5	34.8	25183.4	95.7	3.9	1670.1	458.2	38.7	26853.5
Regulated FED			0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Unregulated Land	6.84	12.78	19.63	115.3	11.1	8011.8	128.7	5.2	2246.7	244.0	16.3	10258.6
	234.25	233.60	467.87				-					

### Step 2

Calculate retrofit removal rates and loads removed

		<b>REMOVAL RATES</b>	per adjustor curve	S
Retrofit storage vol (ac-ft)	Runoff depth treated (in)	TN	ТР	TSS
7.005	0.3	6 <b>21%</b>	33%	42%
Calculate total loads removed for Regulated and Unregulated la	TN	TP	TSS	
Regulated AC	1162.	6 137.2	115671.0	

	1338.5	158.6	134028.9
Unregulated Land	51.8	5.4	4358.6
Regulated FED	0.0	0.0	0.0
Regulated VDOT	97.3	12.9	11409.4
Regulated AFS	20.8	3.1	2389.8

Step 3

Account for the Total Baseline Reduction on Unregulated land and Other Regulated land

UNREGULATED	Pollutant	2009 EOSLoading Rate (lbs/ac)	Loading Rate for Unregulated Iand	Unregulated land draining to retrofit	Total required baseline reduction	Total required baseline reduction
Unregulated Urban Impervious	TN	0.08	1.6	6.84	10.94	18.61
Unregulated Urban Pervious	IN	0.03	0.6	12.78	7.67	
Unregulated Urban Impervious	тр	0.01	0.2	6.84	1.37	1.62
Unregulated Urban Pervious	IP	0.001	0.02	12.78	0.26	
Unregulated Urban Impervious	TEE	11.71	234.2	6.84	1601.93	1798.74
Unregulated Urban Pervious	TSS	0.77	15.4	12.78	196.81	

Regulated APS	Pollutant	2009 EOSLoading Rate (lbs/ac)	Other Regulated	Other regulated land draining to	Total required baseline	Total required baseline
			land	retrofit	baseline reduction 4 7.10 3.05 4 0.89 9 0.10 4 1039.85 9 78.39	reduction
Unregulated Urban Impervious	TN	0.08	1.6	4.44	7.10	10.16
Unregulated Urban Pervious		0.03	0.6	5.09	3.05	
Unregulated Urban Impervious	тр	0.01	0.2	4.44	0.89	0.99
Unregulated Urban Pervious	IF	0.001	0.02	5.09	0.10	
Unregulated Urban Impervious	221	11.71	234.2	4.44	1039.85	1118.23
Unregulated Urban Pervious	TSS	0.77	15.4	5.09	78.39	
			-			
		2009 EOSLoading	Loading Rate for	Other regulated	Total required	Total required

	2000 EOSL anding	Loading Rate for	Other regulated	Total required	Total required
Pollutant	2009 EUSLOauling	Other Regulated	land draining to	baseline	baseline
	Rate (IDS/ac)	land	retrofit	reduction	reduction
ты	0.08	1.6	21.50	34.40	40.10
	0.03	0.6	9.50	5.70	
TD	0.01	0.2	21.50	4.30	4.49
	0.001	0.02	9.50	0.19	
727	11.71	234.2	21.50	5035.30	5181.60
155	0.77	15.4	9.50	146.30	
	Pollutant TN TP TSS	Pollutant         2009 EOSLOading Rate (lbs/ac)           TN         0.08           TP         0.01           TSS         11.71	Inter (100, 00)         Iand           TN         0.08         1.6           0.03         0.6           TP         0.01         0.2           0.001         0.02           TSS         11.71         234.2	Pollutant         2009 EOSLOading Rate (lbs/ac)         Other Regulated land         land draining to retrofit           TN         0.08         1.6         21.50           0.03         0.6         9.50           TP         0.001         0.02         21.50           TSS         11.71         234.2         21.50	Pollutant         2009 EOSLoading Rate (lbs/ac)         Other Regulated land         land draining to retrofit         baseline reduction           TN         0.08         1.6         21.50         34.40           0.03         0.6         9.50         5.70           TP         0.01         0.02         21.50         4.30           TSS         11.71         234.2         21.50         5035.30

Regulated FED	Pollutant	2009 EOSLoading Rate (lbs/ac)	Loading Rate for Other Regulated land	Other regulated land draining to retrofit	Total required baseline reduction	Total required baseline reduction
Unregulated Urban Impervious		0.08	1.6	0.00	0.00	0.00
Unregulated Urban Pervious	110	0.03	0.6	0.00	0.00	
Unregulated Urban Impervious	TD	0.01	0.2	0.00	0.00	0.00
Unregulated Urban Pervious	TP	0.001	0.02	0.00	0.00	
Unregulated Urban Impervious	TSS	11.71	234.2	0.00	0.00	0.00
Unregulated Urban Pervious		0.77	15.4	0.00	0.00	

## Step 4

Calculate net credit to MS4					_	
	TN		ТР	TSS		
Total loads removed by retrofit		1338.5	158.6	134028.	Э	
Baseline reductions required for other regulated and unregulated		68.87	7.10	8098.5	7	
		1269.6	151.5	125930.	3	
Est net credits		317.6	37.5	31654.	5	
cost per lb	\$	5,776.96	\$ 48,879.28	\$ 57.96	\$	1,834,57

Impervious and pervious urban loading rates for Potomac River Basin per DCF						
Subsource		Pollutant	2009 EOS Loading Rate (Ibs/ac)			
Regulated Urban Impervious		Nitrogen	16			
Regulated Orban Pervious			10			
Regulated Urban Impervious		Phosphorus	1			
Pervious			0			
Regulated Urban Impervious		Sediment	1,171			
Pervious			17			

required	
seline	
luction	
18.61	
1 62	

TOTALS

68.87

7.10

8098.57

		Edge	e of Stream Redu	uctions	
Land Use From	Conversion	TN(lbs/ac/year)	TP(lbs/ac/year)	TSS(lbs/ac/year)	
Impervious	Turf	9.85	0.8	1797	
Impervious	Forest	9.55	0.48	877	
Impervious	Mixed Open	4.27	0	1240	
Turf	Forest	5.58	1.46	557	
Turf	Mixed Open	5.28	1.15	0	
Mixed Open	Forest	0.3	0.32	920	
4437 18th St N 23-0125 Turf Drain to MS4	0.703 <b>0.703</b>	Impervious	TN 6.92455 <b>6.92455</b>		TSS 1263.2 <b>1263.2</b>
20-0010B Reforestation - Does not Drain to MS4 20-172B	0.1068	Turf	0.595944	0.155928	59.48
Reforestation - Does Not drain to MS4	0.163	Turf	0.0489 0.644844		149 <b>209.4</b> 4

TN TP TSS Drains to MS4 6.97345 0.61456 1413.251 Does Not Drain To MS4 0.644844 0.208088 209.4476

_			
0.703 Impervious	6.92455	0.5624	1263.291
0.703	6.92455	0.5624	1263.291
0.1068 Turf	0.595944	0.155928	59.4876
0.163 Turf	0.0489	0.05216	149.96

0.208088 209.4476

## Appendix AR22 – FY24 Chesapeake Bay TMDL Summary

Appendix AR21 FY24 Credit for Chesapeake Bay TMDL provides a spreadsheet of POC load reductions from SWMFs installed with development activities completed in FY23, along with the following updates captured through data QA/QC procedures. The Appendix also includes the calculations for septic tank conversion from FY07 to FY24, street sweeping for FY24, land use change, and Ballston Pond retrofit calculations.

A summary of this spreadsheet information is shown below, highlighting the calculated POC load increases and net reductions through regulated redevelopment activity in Arlington County.

Түре	Pollutant	Existing Development Conditions for Projects from 7/1/2023 to 6/30/2024 Acres	2009 EOSLoading Rate (lbs/ac)	Load	Post Developm ent Conditions for Projects from 7/1/2023 to 6/30/2024 Acres - Including corrections , abandoned structures and replacement structures.	2009 EOSLoading Rate (lbs/ac)	Load	Load Increase	Total Load Increase	Reduction from SWNF drain to MS4 in FY24 Including corrections, abandoned structures and replacement structures.	Reduction from SWMF that do not Drain to MS4in FY24	Difference
Regulated Urban Impervious		<del>4</del> 6.01	16.86	775.79	58.04	16.86	978.58	202.79	146.32	229. <b>4</b> 572	6.05	-89.19
Regulated Urban Pervious	Nitrogen	64.66	10.07	651.08	59.05	10.07	594.61	-56.47				
Regulated Urban Impervious		<del>4</del> 6.01	1.62	74.54	58.04	1.62	94.03	19.48	2.28	31.86	0.53	-30.11
Regulated Urban Pervious	Phosphorus	64.66	0.41	26.51	22.70	0.41	9.31	-17.20				
Regulated Urban Impervious		46.01	1171.32	53896.88	58.04	1171.32	67985.05	14088.17	13102.37	17893.62	553.70	-5344.95
Regulated Urban Pervious	Total Suspended Solids	64.66	175.80	11366.38	59.05	175.80	10380.59	-985.80				

Development Load Changes and Load Reductions from SWMF for FY24

	In Place			
Project Type	TN	ТР	TSS	
2006-2009 Historical BMPs	140.3	18.4	16101.3	
Development	1062.6	98.6	54787.6	
Large Scale Project	1269.6	151.5	125930.3	
Living Shore	29.6	32.1	20969.9	
Septic Conversions	52.9	0.0	0.0	
Stream Restoration	1651.8	681.2	654595.2	
Street Sweeping	67.8	0.2	29859.4	
Trades Retrofit	14.8	2.2	2059.7	
Watershed Retrofit	186.7	16.2	11488.2	
Total Credits	4,476.1	1,000.5	915,791.6	
Total Progress	38.7%	65.4%	69.8%	

1) Estimated Reduction Achieved through FY24

**Note correction made for TSS for Watershed Retrofit due to data entry error. Street Sweeping credit for TP was lower in FY24 due to a typo in last year's annual report.

The forty percent POC reduction requirement for this permit cycle has been exceeded for TP and TSS. The means and methods implemented to date include watershed retrofit projects, stream restoration projects, living shore, outfall repair and redevelopment-based reductions, street sweeping, septic tank conversions, and 2006-2009 'historical BMPs.'

## Appendix AR23 – FY24 Implementation Summary of Bacteria TMDL Action Plan

The County continues to implement a suite of programs and practices to address bacteria loading to the MS4—and is exceeding the permit requirements as the County's program covers the entire County is not limited to the Pimmit Run and Four Mile Run watersheds as specified in Attachment A of the County's permit. The goal of this action plan is to reduce bacteria loadings from controllable, anthropogenic sources to the maximum extent practicable as part of a long-term and comprehensive, multi-pollutant watershed management program.

The County updated its <u>Bacteria TMDL Action Plan</u> and submitted it to DEQ on October 31, 2023.

The following summary table provides information on action plan implementation efforts conducted in FY24 focused on reducing bacteria loading from controllable, anthropogenic sources throughout the County.

	Programs / Practices	Actions Taken	Implementation
Management	Outreach at Community	The County has continued outreach efforts ensuring up to date signs that are	On-going
Strategies &	Canine Areas (CCA)	clearly visible at County dog parks.	
Practices			
	Addressing Sanitary Sewer	Approximately 315,263 linear feet of sanitary sewer system were inspected in	On-going
	Exfiltration to the MS4 and	FY24. Identified problem areas were scheduled to be flushed, relined, or	
	Surface Waters	replaced. In FY24, 51,872 linear feet of sanitary sewer was lined.	
	Storm Drain System Inspection	Over 34,289 linear feet of storm sewer system were inspected in FY24; 747	On-going
	and Maintenance	catch basins were inspected and cleaned.	
	Street Sweeping	Over 7,700 of street lane miles were swept and over 700 tons of debris were	On-going
		removed from County streets in FY24.	
	High Priority Municipal Facility	All HPMF SWPPPs were reviewed and updated as needed in FY24. Inspections	On-going
	(HPMF) Stormwater Pollution	of all HPMFs occurred in FY24.	
	Prevention Plans (SWPPP)		
	Illicit Discharge Detection and	County staff investigated over 113 illicit discharge incidents in FY24.	On-going
	Elimination	Information on how to report pollution / illicit discharges in available on the	
		County's <u>website</u> .	
		• Dry weather screening is conducted on an annual basis for select outfalls	
		that drain the South Four Mile Run Drive and Shirlington commercial areas.	
		• The County continues to update its <u>Report Stream Pollution</u> page	
	Commercial and Industrial	In FY24, 143 IHRR inspections of commercial facilities that were identified as	On-going
	High-Risk Runoff (IHRR) Facility	potential sources of significant pollutant loading were conducted.	
	Inspections	Recycling specialists also conduct inspections to check that required facilities	
		are implementing their recycling plans and maintaining recycling areas.	
		Follow-up letters and educational materials were provided to business owners	
		or property managers when problems were identified.	

	Programs / Practices	Actions Taken	Implementation	
	Stormwater Coordination with Other County Agencies (Animal Control, Health Department)	Health Department staff continued vector control outreach and response. The Health Department continues to maintain its <u>website</u> with information on rodent control.	On-going	
		The County provided dog waste pick-up bags to Animal Control. The bags are in dispensers that have the only rain logo on them.		
	Pretreatment Inspections	Water Pollution Control Plant staff continued to conduct inspections of permitted facilities to ensure grease traps are maintained and functioning.	On-going	
	Private Septic System Tracking	Arlington County Health Department continues to work with Fairfax County on tracking and ensuring septic systems in Arlington are properly maintained or safely abandoned if necessary. There are currently 34 septic systems in Arlington County (32 conventional, 2 alternative systems).	On-going	
Monitoring				
	Bacteria Monitoring	The County continued its bacteria ( <i>E.coli</i> ) <u>monitoring program</u> in FY24, with 21 sites monitored. Follow-up investigations are conducted after reports of high levels of bacteria found during sampling or evidence of stream pollution is observed by volunteers.	On-going	
	Biological Monitoring	The County continued its <u>biological monitoring program</u> in FY24 at 10 sampling locations throughout the County. Follow-up investigations are conducted after reports of stream pollution is observed by volunteers. In FY24, 103 volunteers participated in the County's stream bacteria and biological monitoring programs, providing over 1,228 volunteer hours.	On-going	
Education and Outreach				
	Only Rain Down the Drain Campaign	In FY24, Arlington County continued to support the Northern Virginia Clean Water Partners <u>Only Rain</u> Down the Drain campaign, a regional stormwater education campaign. The campaign has used radio advertising, online advertising and most recently cable TV advertising to educate the public about preventing water pollution. The campaign includes several television ads to help visualize water pollution, and includes pollution prevention messages related to pet waste, motor oil, car washing, and fertilizer use.	On-going	
	Public Presentations / Training	<ul> <li>The following presentations / trainings included information about how to protect water quality and report stream pollution.</li> <li>Arlington Regional Master Naturalist Trainings (Fall 2023, Spring 2024)</li> </ul>	On-going	

Programs / Practices	Actions Taken	Implementation
	<ul> <li>Stream Monitoring Trainings (11/29/2023, 03/26/2024, 04/5/2024, 04/19/2024)</li> <li>Bacteria Monitoring Training (6/4/2024)</li> <li>Information was provided on how to recognize and report illicit discharges</li> </ul>	
	such as sanitary sewer discharges.	
Public Events	In FY24, the County participated in the County Fair (8/19-8/21/2023) and Paws on the Pike (09/30/2023) and promoted information on pollution prevention and cleaning up after your pet.	On-going
Newsletter / Website / Social Media	The DES Environmental Events newsletter list has grown to more than 6,000 subscribers. The digital newsletter provides weekly updates on upcoming environmental events, workshops, programs, and environmental tips.	On-going
	<ul> <li>In FY24, the County additional updates to its the <u>Prevent Pollution</u> website, which includes information about picking up after your pet and disposal of fats, oils, and grease (FOG) (<i>see more under FOG Education below</i>)</li> <li>Additional messaging / outreach in FY24 included:</li> <li>Social media: DES Facebook and Twitter Feed: Pollution Prevention posts (Fall 2023, Spring /Summer 2024); Twitter and Facebook posts using FOG</li> </ul>	
	<ul> <li>photos.</li> <li>Inside Arlington newsletter – FOG information, pollution prevention tips</li> </ul>	
Storm Drain Marking	In FY24, 93 volunteers donated over 204 hours and marked 522 storm drains with the "Only Rain" <u>storm drain markers</u> . Volunteers are instructed to report dumping or illicit discharges to <u>storm drains</u> .	On-going
Signs	<ul> <li>Educational signs have been placed in Community Canine Areas.</li> <li>Signs that focus on picking up after your pet are displayed inside ART buses</li> </ul>	On-going
Pet Waste Postcards	Postcards continued to be offered Park Rangers and Nature Centers. Postcards were also distributed to organizations, businesses and companies that provide pet services (Animal Welfare League).	On-going
Dumpster Education	Postcards are distributed by recycling inspectors during inspections as needed.	On-going
Education to prevent Sanitary Sewer Overflows (Fats, Oils, Grease (FOG))	Information on County Website: - <u>Fats, Oils, Grease</u> -information on managing FOG - <u>Garbage disposal tips</u> - <u>The Toilet is not a Trash Can</u>	On-going
	The County continues to promote Metropolitan Washington Council of Governments Protect Your Pipes campaign –	

	Programs / Practices	Actions Taken	Implementation
		<ul> <li><u>https://protectyourpipes.org/</u> to protect wastewater infrastructure and preserve the health of waterways.</li> <li>Outreach articles:         <ul> <li>Inside Arlington Newsletter – FOG holiday reminder (November 2023)</li> <li>Brochures continue to be distributed as needed during facility inspections, recycling program inspections, and by the WPCP staff during pretreatment inspections or investigations.</li> </ul> </li> </ul>	
	Policies / Regulations	County Code Section 26.1 <u>Wastewater Pretreatment</u> provides regulation on types of discharges allowed to the sanitary sewer system, including FOG. This help decrease the potential for SSOs.	On-going
Employee Training	SWPPP Training	Approximately 971 County and Arlington Public School employees received annual training covering how to recognize and report illicit discharges and methods to prevent stormwater pollution prevention at facilities and out in the community.	On-going

The bacteria monitoring program had 98% coverage of its sites in FY 2024. Of the 228 usable samples in FY24, 38% (87 samples) exceeded the primary contact recreation water quality standard (WQS) of 235 *E. coli* colony forming units per 100 ml (CFU/100 ml). The secondary contact recreation water quality standard of 1173 CFU/100 ml was exceeded in 10% (23) of the samples. These data support the County's guidelines to residents and visitors to restrict usage of the streams to secondary contact activities (<u>https://environment.arlingtonva.us/streams/streamssafety/</u>). A full summary of the FY24 data is provided in Appendix AR16 of the FY24 MS4 Annual Report.

The County also reviews data from DEQ monitoring stations as data are made available. One monitoring site is in Arlington – 1APIM000.15 Pimmit Run. Two sites are in Alexandria – 1AFOU000.19 Potomac River embayment estuary sampling, and 1AFOU001.92 Four Mile Run. These sites are not co-located with existing Arlington monitoring sites, use a different testing method than Arlington County, and are not collected with the same regularity as Arlington data. DEQ's sampling occurs less frequently (typically 3 to 6 samples per year per site). DEQ's data are not collected within the same month year-to-year, or at the same time of the month from month-to-month. Due to the differences between the sampling programs, the DEQ data are not included in the County's analyses.

As Arlington's monitoring program continues to mature, the County anticipates ongoing variability in further study of this indicator organism, but hope that the County's implementation of green infrastructure, street sweeping, sewer relining, public outreach efforts, and other pollution prevention practices will help reduce *E. coli* bacteria levels from controllable sources.

The County anticipates continuing many of the aforementioned suite of actions and best management practices in this permit cycle as part of the County's adaptive iterative approach to reduce pollutant discharges and loading.

Reduction of bacteria loading from urban watersheds continues to be extremely challenging given the pre-dominance of uncontrollable wildlife sources, bacteria re-growth and re-suspension, weather volatility, aging public and private infrastructure and the inability to completely control human behavior.

#### Appendix AR24: FY24 Implementation Summary of PCB Action Plan

The goal of this local action plan is to identify sources of PCBs within Arlington County and reduce PCB loadings from controllable, anthropogenic sources to the maximum extent practicable as part of a long-term and comprehensive, multi-pollutant watershed management program.

The County continues to undertake pollution minimization practices and stormwater management initiatives aimed at reducing sediment loading, which in turn should reduce PCB loading to the MS4. These efforts complement the gradual reduction of PCB loads from atmospheric deposition and long-term chemical breakdown. In addition, the County continues to provide education and conduct outreach about proper disposal of various waste materials and debris. PCBs can be found in transformers and capacitators, coolants in electrical equipment, lubricants and hydraulic fluids, old fluorescent light ballasts, thermal insulation materials, adhesives and tapes, caulk, roofing materials and asphalt, pesticides, plastics, inks in products such as newspapers, magazines, or carboard, clothing pigments and dyes, and paints. Educating the public about proper disposal and recycling practices and providing programs and events such as the Household Hazardous Waste Collection, metal and white goods collection programs, and E_CARE events are important steps to help prevent PCBs from getting into the environment via improper disposal, dumping, or littering.

Following a public comment period in November 2022, the County updated its PCB TMDL Action Plan. The updated plan was submitted to DEQ on November 29, 2022. The County updated the <u>PCB TMDL Action Plan</u> and submitted it to DEQ on October 31, 2023.

The following summary table provides information on implementation actions and best management practices conducted in FY24 focused on reducing PCB and other pollutant loading.

	Programs / Practices	Actions Taken	Implementation
Management	Street Sweeping	Approximately 7,700 street lane miles were swept and over 600 tons of debris	On-going
Strategies &		were removed from County streets in FY24.	
Practices			
	Storm Drain System Inspection	Over 34,289 linear feet of storm sewer system were inspected in FY24; 747 catch	On-going
	and Maintenance	basins were inspected and maintained / cleaned.	
	Stormwater Treatment /	Sediment reductions achieved via stormwater management facilities and	On-going
	Retrofits / Stream Restoration	retrofitting in FY24 are reported with the TMDL POC reductions for the	
		Chesapeake Bay TMDL Action Plan. The County continues to implement several	
		stormwater retrofit and improvement projects.	
	High Priority Municipal Facility	All HPMF SWPPPs were reviewed and updated as needed in FY24. The North Side	On-going
	(HPMF) Stormwater Pollution	Salt Storage was updated in FY24 as a result on the installation of new stormwater	
	Prevention Plans (SWPPP)	infrastructure at the facility. Inspections of all facilities occurred in FY24.	
	Pollution Prevention Protocols	The County continues to implement actions outlined in its Stormwater Pollution	On-going
	for Street and Parking Lot	Prevention Protocols for Street, Road, Sidewalk, and Parking Lot Maintenance. A	
	Maintenance	copy of the report can be found in Appendix C of the MS4 Program Plan.	
	Construction Site SWPPP	Site inspections were conducted to monitor compliance with LDA permit SWPPP	On-going
	Inspections	requirements – specifically for erosion and sediment control. Pollution prevention	

	Programs / Practices	Actions Taken	Implementation
		requirements are discussed at pre-con meetings. Spill kits are required to be kept	
		on site.	
	Illicit Discharge Detection and	County staff investigated over 113 illicit discharge incidents in FY24.	On-going
	Elimination	In all cases, the discharge was eliminated or resolved. Residents are encouraged	
		to report stream pollution, spills, and illegal dumping.	
		The continues to maintain its <u>Report Stream Pollution page</u> . Reporting illegal	
		dumping into storm drains or stream pollution has been added to the County's	
		Report a Problem web page.	
		Dry weather screening continues to be conducted on an annual basis for outfalls located near South Four Mile Run Drive and Shirlington commercial areas.	
	Commercial Facility Inspections	Over 143 inspections were conducted at commercial facilities that have been	On-going
		identified to be potential sources of significant pollutant loading. Follow-up letters	0 0
		and educational materials were provided to business owners or property	
		managers when problems were identified.	
	Household Hazardous Waste	DES continued to manage the County's year-round household hazardous materials	On-going
	Collection Program	(HHM) program. In FY24, residents dropped off 701,083 pounds of HHM and	
		249,407 pounds of electronics.	
	E-CARE Collection Event	Residents participated in the Fall 2023 and Spring 2024 E-CARE events where	On-going
		2,430 residents dropped off over 120,742 pounds of HHM collectively; over	
		43,239 pounds of electronics were also collected during the two events.	
	SWB Metal and White Goods	The Solid Waste Bureau continued its metal recycling and white good collection	On-going
	Collection/Recycling Program	program. Scrap metal can be recycled at two recycling centers in the County (N	
		Quincy St Recycling Center and at the Trades Center).	
	County Facility Renovation &	As County facilities are renovated, waste materials are properly collected and	On-going
	Waste Disposal	disposed of at a certified commercial waste disposal facility outside of the County.	
Education and	County Website	Information on <u>PCBs</u> provided by the Northern Virginia Regional Commission is	On-going
Outreach		provided on the County's Prevent Pollution website. DEQ's video on PCBs was	SUIS
		added to the website.	
	Construction Educational	The County developed pollution prevention training materials for builders and	On-going
	Materials	individuals in the construction field.	On-going
	Ivia certais		

	Programs / Practices	Actions Taken	Implementation
	Storm Drain Marking	In FY24, 93 volunteers donated over 204 hours and marked 522 storm drains with	On-going
		the "Only Rain" <u>storm drain markers</u> . Volunteers are instructed to report dumping or illicit discharges to <u>storm drains</u> .	
Employee Training	SWPPP Training	Approximately 971 County and Arlington Public School employees received annual training in FY24 covering how to recognize and report illicit discharges and methods to prevent stormwater pollution prevention at facilities and out in the community. Employees were also trained on recognizing, responding to, and	On-going
		reporting spills and leaks.	

Reduction of PCB loading from urban watersheds continues to be extremely challenging, if not impossible, given the legacy, non-active source status of PCB contamination, slow chemical breakdown of PCB compounds, and the lack of established stormwater treatment systems with quantifiable PCB removal efficiencies. The County anticipates continuing the aforementioned suite of actions and best management practices in this and the next permit cycle as part of the County's adaptive iterative approach to reduce pollutant discharges and loading of pollutants of concern.