POLLUTION PREVENTION NOTES

1. ONLY THE FOLLOWING NON-STORMWATER DISCHARGES ARE AUTHORIZED BY ARLINGTON COUNTY'S MS4 PERMIT. UNLESS THE STATE WATER CONTROL BOARD, THE VIRGINIA SOIL AND WATER CONSERVATION BOARD (BOARD), OR ARLINGTON COUNTY DETERMINES THE DISCHARGE TO BE A SIGNIFICANT SOURCE OF POLLUTANTS TO SURFACE WATERS: WATER LINE FLUSHING; LANDSCAPE IRRIGATION; DIVERTED STREAM FLOWS; RISING GROUND WATERS; UNCONTAMINATED GROUND WATER INFILTRATION (AS DEFINED AT 40 CFR 35.2005(20)); UNCONTAMINATED PUMPED GROUND WATER; DISCHARGES FROM POTABLE WATER SOURCES; FOUNDATION DRAINS; AIR CONDITIONING CONDENSATION; IRRIGATION WATER; SPRINGS; WATER FROM CRAWL SPACE PUMPS; FOOTING DRAINS; LAWN WATERING; INDIVIDUAL RESIDENTIAL CAR WASHING; FLOWS FROM RIPARIAN HABITATS AND WETLANDS; DECHLORINATED SWIMMING POOL DISCHARGES; DISCHARGES OR FLOWS FROM FIRE FIGHTING; AND, OTHER ACTIVITIES GENERATING DISCHARGES IDENTIFIED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY AS NOT REQUIRING VPDES AUTHORIZATION.
2. APPROPRIATE CONTROLS MUST BE IMPLEMENTED TO PREVENT ANY NON-STORMWATER DISCHARGES NOT INCLUDED ON THE ABOVE LIST (E.G., CONCRETE WASH WATER, PAINT WASH WATER, VEHICLE WASH WATER, DETERGENT WASH WATER, ETC.) FROM BEING DISCHARGED INTO ARLINGTON COUNTY'S MS4 SYSTEM, WHICH INCLUDES THE CURB AND GUTTER SYSTEM, AS WELL AS CATCH BASINS AND OTHER STORM DRAIN INLETS, OR STREAM NETWORK.
3. PER CHAPTER 26 OF THE ARLINGTON COLNTY CODE, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DISCHARGE DIRECTLY OR INDIRECTLY INTO THE STORM SEWER SYSTEM OR STATE WATERS, ANY SUBSTANCE LIKELY, IN THE OPINION OF THE COUNTY MANAGER, TO HAVE AN ADVERSE EFFECT ON THE STORM SEWER SYSTEM OR STATE WATERS.

2.0 Authorized Non-Stormwater Discharges

Types of Authorized Non-Stormwater Discharges	Likely Present at Project Site?	
• Uncontaminated / filtered excavation dewatering	☒ Yes	☐ NA
• Uncontaminated / filtered wash water	☒ Yes	☐ NA
• Potable water sources that do not create an in-stream impact	☒ Yes	☐ NA
• Pumped uncontaminated ground water	☐ Yes	☒ NA
• Landscape irrigation	☐ Yes	☒ NA
• Other _____	☐ Yes	☐ NA

5.0 Pollution Prevention Practices (PPP)

Pollution prevention practices (PPP) including daily good housekeeping efforts will be employed at the project site to prevent pollution discharges. Equipment, tools and materials needed for cleanup (brooms, shovels, vacuums, trash bags) will be readily available on site.

The following selected ("checked") activities will be conducted during this project and the corresponding pollution prevention controls and practices will be implemented. Specific controls and additional information are included as applicable.

(1) ☒ **Clearing, Grading, Excavating - Sediment Control / Stabilization (PPP1)**
- Erosion and sediment controls selected and/or described in Section 4.0 will be installed and maintained to protect resources and prevent sediment from leaving the site/LOD and entering the storm drain system or surface waters.
- Sediment tracking onto paved areas outside the LOD / construction entrances will be swept up
- Plastic sheeting, tarps, 2" deep straw cover, mulch and/or erosion matting will be used for temporary stabilization of exposed soil / slopes.
- The Pre-Storm Site Preparation Checklist will be followed and implemented.

(2) ☒ **Saw Cutting and Paving Operations (PPP2)**
- Slurry or other debris shall not enter a storm drain or surface water.
- Spill containment techniques such as the use of sand bags or booms around the immediate work area shall be used to contain and capture any non-stormwater discharges.
- Slurry from saw cutting operations must be contained, collected (vacuumed), and disposed of properly.

Description of temporary controls that will be used:

(3) ☒ **Concrete Operations - Washout and Waste Management (PPP3)**
Concrete wash out will be conducting in a leak-proof container or leak-proof settling basin that is designed so that no overflows can occur due to inadequate sizing or precipitation. Hardened concrete wastes shall be removed and disposed of in a manner consistent with the handling of other construction wastes.
- Concrete wash water shall not be discharged to a storm drain or surface water.
- Washout facilities will be sized appropriately for the needs of the project.
- Washout facilities will not be located near storm drains.
- Mixers and truck chutes will be washed out in designated contained washout areas
- No tracking from washout areas will occur.
- Plastic sheeting, boards, or tarps will be placed under concrete truck chutes during pouring
- Concrete washout areas will not be used for dewatering

The selected concrete wash out facility will be used:
- ☐ Washout Structure - Wood Planks
- ☐ Washout Structure - Straw Bales
- ☐ Prefabricated Containment System – Type: _____
- ☐ Other: _____

(4) ☐ **Washing Activities (PPP4)**
Wash water discharges to the storm drain system or surface waters are prohibited.
The following pollution prevention practices and controls will be implemented where applicable:
- Wash water or liquid wastes shall not enter a storm drain or surface waters.
- A suitable containment system for cleaning equipment such as a drum, prefabricated system, lined container, or portable wash pad will be provided.
- The wash / containment area will be sized appropriately for the needs of the project.
- The wash / containment area(s) will be situated away from storm drains.
- Containers will be monitored for leaks or damage. Containers will be replaced as needed.

Washout containment / controls for this project will include:

(5) ☒ **Dewatering Operations (PPP5)**
Construction site dewatering will not be discharged without the use of controls. Sediment laden or turbid water associated with dewatering shall be filtered, settled or similarly treated prior to discharge. The dewatering detail on approved ESC plan will be used. Dewatering operations will be monitored to ensure the controls being used are effective (clear water being discharged) and no clogging or overflow is occurring. Controls will be cleaned out or replaced when the control is no longer effective at removing sediment. Pumping will be conducted so that the rate of discharge does not overwhelm the dewatering system and allows for adequate settling and/or filtration.

Dewatering controls that will be used:
- ☐ Filter bag on stone bed with haybales
- ☐ Portable sediment tank
- ☐ Manufactured / customized system

(6) ☒ **Materials / Chemical Use and Storage (PPP6)**
Areas will be designated for material delivery and storage. These areas will be near construction entrances and not situated near storm drains. Lay downs areas will be shown on plans. Storage and containment areas will be adequately enclosed or covered. Additional pollution prevention practices and controls include:

- Stockpiled soil and other loose materials that can be washed away shall be covered with a tarp, plastic sheeting, or other stabilization matting when not being actively accessed. Covers must be properly secured / anchored down to prevent the covering from being blown off and exposing materials to rain. Controls such as hay bales or booms should be placed along the perimeter of stock pile (downhill side).
- Stockpiled materials located on the edge of roadways will not obstruct flow along the curb line (gutter). Adequate space between the curb and stockpile will be left to allow stormwater to flow along the curb line. Pipes or boards laid over curbs may be used to create the flow through space.
- Secondary containment will be used for storage of fuels, oil, grease, paint, solvents, sealers, cleaners, and other chemicals. Materials will be kept secured and covered when not in use.

(7) ☒ **Equipment and Vehicle Fueling / Maintenance (PPP7)**
Designated areas for refueling vehicles or equipment or perform maintenance will be located away from storm drains and surface waters. Additional pollution prevention practices and controls include:

- Vehicles and equipment will be inspected daily for leaks. Any leaks or spills will be addressed upon discovery.
- Containment measures will be used when conducting fueling (e.g. place fuel mats, spill pads, boards, or plastic sheeting on ground) to contain drips, leaks, spills.
- Fuel tank (s) will have containment.
- Fuel tanks and containers will be inspected daily for signs of damage.
- Employees will be instructed not to "top off" or overfill vehicles or equipment to prevent spills.
- Secondary containment and secure storage will be provided for fuel, oil, solvent and/or lubricants.
- Drip pans, sheeting, and/or absorbent pads will be placed under heavy equipment when not in use (i.e. overnight) to capture any potential leaks.

(8) ☒ **Waste Management (PPP8)**
Trash, waste, and construction debris will be managed and disposed of properly. Designated areas for trash and debris collection will be situated as far away from storm drains as possible. Additional pollution prevention practices and controls include:

- A sufficient number of waste containers will be kept on a site to handle the quantity of waste produced.
- Waste collection / pick up will be conducted as necessary to prevent overfilling.
- Containers will have lids or covers that can be used to cover open containers at the end of the work day and prior to rain events. Roll off containers will be kept covered when not being accessed. Lids and doors on dumpsters and/or / trash can will be kept closed.
- Waste containers will be checked frequently for damage / leaks. Any cleaning will be conducting using DRY methods. Waste containers will not be power washed or hosed out unless the wash water is collected and disposed of into the sanitary sewer system.
- Damaged containers / receptacles (leaking, cracked, corroded, or otherwise deteriorating) will be replaced.

(9) ☒ **Portable Lavatories (PPP9)**
Portable lavatory units will be properly situated and maintained to prevent pollution releases. Additional pollution prevention practices and controls include:

- Portable lavatories will be situated away from storm drains and surface waters.
- Portable lavatories will be kept level and have secondary containment (i.e. trays) if situated on paved surfaces.
- Units will be inspected for leaks or damage will be conducted frequently.
- Routine maintenance / cleaning will occur, and units will be replaced if damaged or leaking.

(10) ☒ **Nutrient Management / Fertilizer Application (PPP10)**
Fertilizer will be applied in accordance with manufacturer's recommendations. Fertilizer will not be applied during rainfall events or windy conditions, or when rain is forecasted. Fertilizer will be properly secured and stored under cover when not being used. Residual fertilizer on paved surfaces will be swept up.

7.0 Spill Prevention, Response, and Reporting

Spills and leaks will be cleaned up upon discovery using dry cleaning methods (placement of absorbent materials, sweeping, shoveling, bagging, proper disposal). Spills will not be hosed down unless the wash water is contained, collected and disposed of properly.

Spill kits will be kept on site. The spill kit shall be labeled, stocked, and readily accessible. **Employees will be informed of the location of the spill kit(s) and how to respond to and report spills.**

Spill kits should contain absorbent materials, pads, socks, plastic bags, and personal protective equipment (gloves, eye protection). Shovels/brooms should be accessible.

Location(s) of spill kit(s) on site:

1.)

2.)

3.)

Spill Response and Reporting:
- Check for hazards (flammable material, noxious fumes, cause of spill) – if flammable liquid, turn off engines and nearby electrical equipment. If serious hazards are present leave the area and call 911.
- Ensure the spill area is safe to enter and does not pose an immediate threat to health and safety
- Stop the spill source.
- Notify personnel in area of spill and potential dangers.
- Ask for assistance to block off area and help with cleanup efforts.
- Take measures to prevent a spill from spreading and/or entering storm drains (socks, booms, soil)
- Clean up spill using dry methods and dispose of materials in accordance with Safety Data Sheet specification and local, state, and federal regulations.
- Never flush or "hose down" a spill down into a storm drain.
- If spilled material has entered a storm drain or surface water; call the Fire Department (911)

Emergency Contacts:

• Arlington County Fire & Police	911 / 703-558-2222
• DES Water, Sewer, Streets 24-Hour Emergency	703-228-6555
• Washington Gas Emergency Line	703-750-1400
• VA Dept. of Emergency Management (24 hour)	804-674-2400

- Water or sewer breaks, or overflows will be reported to Arlington County Department of Environmental Services, Water, Sewer, Streets 24-Hour Emergency # 703-228-6555
- Leaking underground storage tanks will be reported to the Virginia Department of Environmental Quality Northern Regional Office, 703-583-3800 and the Arlington County Fire Prevention Office, 703-228-4644

ARLINGTON VIRGINIA

DEPARTMENT OF PARKS AND RECREATION

Park Development Division
2100 Clarendon Boulevard, Suite 414
Arlington, VA 22201
Phone: 703.228.3332
Fax: 703.228.3328

-

Project Name and Location
11th & Danville Public Space Improvements

2751 11th Street North
Arlington, VA 22201

Sheet Title
POLLUTION PREVENTION PLAN

Approval Date
Design Manager

Revisions Date

Designed: AW
Drawn: AMT
Checked: CMB

Filename: C-14-210330.001 POLLUTION PREVENTION PLAN
Plotted: 2022-05-12

Scale: 1" = 20'
Date: MAY 12, 2022

Seal
COMMONWEALTH OF VIRGINIA
CHELSEA M. BISHOP
Lic. No. 50030
Chelsea Bishop
MAY 12, 2022

Sheet
C-14