ARLINGTON COUNTY, VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES

DEVELOPMENT SERVICES BUREAU

703-228-3629

LAND DISTURBING ACTIVITY PERMIT

LDA PERMIT # LDA21096

DATE ISSUED 6/3/2021 **EXPIRATION DATE** 6/3/2022

INSPECTOR Mark Wisdom **INSPECTOR PHONE** 703-228-3979

This PERMIT has been duly issued for the hereinafter described Land Disturbing Activity (LDA) pursuant to: Arlington County Code, Chapter 57 - Erosion & Sediment Control.

ADDRESS 1220 N QUEEN ST ARL

LDA DESCRIPTION COUNTY WATERMAIN PROJECT

PROJECT MANAGER NAME ARLINGTON COUNTY DESIGN ENGINEERS

PROJECT MANAGER PHONE 703-228-4830

RESPONSIBLE LAND DISTURBER (RLD) SOLOMON SHIKUR

RLD CERTIFICATION # 44276

RLD PHONE 703-732-5989

ARLINGTON
VIRGINIA

APPROVED BY _____

DEVELOPMENT SERVICES BUREAU CHIEF

THIS PERMIT ***MUST BE DISPLAYED*** IN A CONSPICUOUS LOCATION ON THE PREMISES WHERE IT IS PLAINLY VISIBLE FROM THE STREET. THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE ON THE PREMISES DURING ANY LAND- DISTURBING ACTIVITIES.

A pre-construction meeting must be scheduled prior to commencing land disturbing activity. To schedule pre-construction meeting and/or inspections contact Inspector above. (7am-4pm Monday-Friday)

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
DIVISION OF TRANSPORTATION
2100 CLARENDON BLVD, SUITE 800
ARLINGTON, VA 22201

APPLICATION FOR LAND DISTURBING ACTIVITIES

Approved: 5/20/2021
Subject to field inspection
LDA21096

ALL APPLICANTS MUST COMPLETE ITEMS 1 THRU 26: (Please print legibly)

Application Information (Office Use Only)	LDA Permit No.	Building/Demolition Permit No.		Application Date
Applicant or Contractor Information	1. Individual or Company Full Legal Name (if applicable): Arlington County Government			
	2. Name of Representative (First, MI, Last): Solomon Shikur		3. Title of Representative: Engineering Supervisor	
	4. Telephone No.: 703-228-3654	5. Cell Phone No.	6. Fax. No.	7. E-mail address: Ldizon@arlingtonva.us
	8. Address: 2100 Clarendon Blvd., Suite 813		9. City, State, Zip Code: Arlington, VA 22201	
	10. State Contractor's License No.: VA PE #44276		11. Arlington Business License No.	
Property Owner Information	12. Full Legal Name (First and Last Name): Arlington County Government		13. Telephone No.: 703-228-0585	
	14. Owner's Legal Address: 2100 Clarendon Blvd, Suite 813		15. City, State, Zip Code: Arlington, VA 22201	

16. **Street name & address(es): (*Exact location of proposed work*)** #1220 N. Queen Street, Arlington, Va

17. **Purpose of work or activity: (*Check all that apply)***

Construction:

- ☐ New Residential
- ☐ New Commercial
- ☐ Detached Structure
- ☐ Building Addition (includes decks)
- ☐ Driveway/Parking Lot
- ☐ Clearing/Grading
- ☐ Excavation/Fill
- ☐ Tree Planting/Landscaping
- ☒ Other County Watermain project

Demolition:

- ☐ Commercial Structure
- ☐ Multi-family Dwelling
- ☐ Single Family Dwelling
- ☐ Tree Removal - specify type, diameter below
- ☐ Other

18. **Full Description of Work or Activity:** This is a watermain project and consist of installation of 815 linear feet of 12 Inch, 8 Inch and 6 Inch DIP watermain and 226 linear feet of 12 inch watermain under N Rhodes St/Route 50 bridge. This project is located along N. Rhodes St-N. Queen St from 14th St N. to N. Quinn St.

19. **Total Area of Land Disturbance:** 4,580 **Square Feet**

(Any type of land disturbing activity – 1 acre or more in area – requires this permit and a Construction General Permit from the Virginia Department of Environmental Quality (DEQ) for discharges of storm water from construction activities)

20. **Is any part of this property located within a Resource Protection Area (RPA)?** ☐ **Yes** ☒ **No**

21. **Is any part of this property located within a Floodplain?** ☐ **Yes** ☒ **No**

22. **Responsible Land Disturber (RLD):** Solomon Shikur **Certification No.:** PE #44276 **Phone:** 703-228-3654

(Applicant must provide a signed RLD Form, including the name of person with RLD certification prior to starting any land disturbing activity)

==========

I hereby certify that: I have the full authority to make the foregoing Application; the information in this Application and the Applicant's required submittals are complete and correct; and the Work shall comply with all laws of the Commonwealth of Virginia, and all ordinances, rules, regulations, policies, and special conditions of the County and of the County Board of Arlington County, Virginia.

23. **Signature of Applicant/Permittee:** for S. Shikur Lee Dizon 24. **Date:** 4/16/21

25. **Print Name:** Solomon Shikur 26. **Phone No.:** 703-228-0585/703-732-5989 cel

NOTE: This permit shall become invalid if the authorized work is not started within six (6) months from the date issued, and/or if the authorized work is suspended for a period of six (6) months after the time for commencing the work. This permit is not a substitute for other permits that may be required from the County, State, and Federal Government. Inspections by the County DES Inspector assigned to this permit are only for activities related to land disturbance. If the proposed flow pattern will be affected by any new features that is not part of the original approved plan (Grading, fence, and retaining wall, etc.), this permit shall become invalid.

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

STORMWATER POLLUTION PREVENTION PLAN (SWPPP) COVER PAGE

For Construction Activities At:

Fort Myer Heights Watermain Improvement
N. Rhodes Street - Between 14th Street N and N. Quinn Street
Arlington, VA 22209

Latitude: 38.888617 N (decimal degrees)

Longitude: 77.077347 W (decimal degrees)

Construction Activity Operator:

Solomon Shikur – Arlington County Government
2100 Clarendon Blvd., Ste 813
Arlington, VA 22201
703-228-3654

SWPPP Preparation Date:

April 16, 2021

CERTIFICATION

"I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Operator Name: _____

Title: _____

Signature: _____

Date: _____

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

1.0 SWPPP Documents Located Onsite & Available for Review

SWPPP Document Type	Located Onsite & Availab	
Registration Statement	☐ Yes	☒ NA
Notice of Coverage Letter	☐ Yes	☒ NA
Construction General Permit	☐ Yes	☒ NA
Pollution Prevention Plan	☒ Yes	☐ NA
Erosion & Sediment Control Plan (or agreement in lieu of)	☐ Yes	☒ NA
Stormwater Management Plan	☐ Yes	☒ NA

2.0 Authorized Non-Stormwater Discharges

Type of Authorized Non-Stormwater Discharge	Likely Present at Your Project Site?	
External buildings wash down	☐ Yes	☒ No
Uncontaminated foundation or footing drains	☐ Yes	☒ No
Uncontaminated excavation dewatering	☐ Yes	☒ No
Landscape irrigation	☐ Yes	☒ No
Others	☐ Yes	☒ No

3.0 Pollution Prevention Awareness

Employees will be given a "walk through" of the site identifying areas of possible pollution and will be shown Erosion and Sediment Controls and Pollution Prevention Practices (identified in Sections 4.0 and 5.0 of this SWPPP) that are applicable to their assigned job duties. A refresher meeting and "walk through" will be conducted on an as needed basis.

4.0 Erosion & Sediment Controls

Select all that apply	Erosion & Sediment Control	Estimated Installation Date	Estimated Removal Date	Responsible Party
☐	Construction Entrance (Std. & Spec. 3.02)			Construction Activity Operator (See Cover Page of this SWPPP)
☐	Silt Fence (Std. & Spec. 3.05)			
☐	Culvert Inlet Protection (Std. & Spec. 3.08)			
☐	Outlet Protection (Std. & Spec. 3.18)		NA	
☐	Temporary Seeding (Std. & Spec. 3.31)		NA	
☐	Permanent Seeding (Std. & Spec. 3.32)		NA	
☐	Sodding (Std. & Spec. 3.33)		NA	
☐	Mulching (Std. & Spec. 3.35)		NA	
☐	Safety Fence (Std. & Spec 3.01)			

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

☒	Storm Drain Inlet Protection (Std. & Spec 3.08)			
☐	Dewatering (Std. & Spec 3.26)			
☐	Turbidity Curtain (Std. & Spec 3.27)			
☐	Tree Protection (Arlington County Std. & Spec.)			
☐	Others			

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

5.0 Potential Sources of Pollution & Pollution Prevention Practices

Pollutant-Generating Activity	Likely Present at your Project Site?	Pollutants: Sediment	Nutrients	Heavy Metals	pH (acids and bases)	Pesticides & Herbicides	Oil & Grease	Bacteria & Viruses	Trash, Debris, Solids	Other Toxic Chemicals	Pollution Prevention Practice	Responsible Party
Clearing, grading, excavating, and un-stabilized areas	☐ Yes ☒ No	X							X		(1)	Construction Activity Operator (See Cover Page of this SWPPP)
Paving operations	☒ Yes ☐ No	X					X		X		(2)	
Concrete washout and cement waste	☐ Yes ☒ No			X	X				X		(3)	
Structure construction, stucco, painting, and cleaning	☐ Yes ☒ No			X	X				X	X	(4)	
Dewatering operations	☐ Yes ☒ No	X	X						X		(5)	
Material delivery and storage	☒ Yes ☐ No	X	X	X	X		X		X	X	(6)	
Material use during building process	☐ Yes ☒ No		X	X	X		X		X	X	(7)	
Solid waste disposal	☒ Yes ☐ No								X	X	(8)	
Sanitary waste	☐ Yes ☒ No		X		X			X			(9)	
Landscaping operations	☒ Yes ☐ No	X	X			X			X	X	(10)	

Pollution Prevention Practices:

(1) **Clearing, grading, excavating and un-stabilized areas** – Utilize erosion and sediment control practices to prevent sediment laden or turbid runoff from leaving the construction site. Dispose of clearing debris at approved disposal sites. Apply permanent or temporary stabilization, sodding and/or mulching to denuded areas in accordance with the erosion and sediment control specifications and the general VPDES permit for discharges of stormwater from construction activities.

(2) **Paving operations** – Cover storm drain inlets during paving operations and utilize pollution prevention materials such as drip pans and absorbent/oil dry for all paving machines to limit leaks and spills of paving materials and fluids.

(3) **Concrete washout and cement waste** – Direct concrete wash water into 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.

(4) **Structure construction, stucco, painting and cleaning** – Enclose, cover or berm building material storage areas if susceptible to contaminated stormwater runoff. Conduct painting operations consistent with local air quality and OSHA regulations. Mix paint indoors, in a containment area or in a flat unpaved area. Prevent the discharge of soaps, solvents, detergents and wash water from construction materials, including the clean-up of stucco paint, form release oils and curing compounds.

(5) **Dewatering operations** – Construction site dewatering from building footings or other sources may not be discharged without treatment. Sediment laden or turbid water shall be filtered, settled or similarly treated prior to discharge.

(6) **Material delivery and storage** – Designate areas of the construction site for material delivery and storage. Place near construction entrances, away from waterways, and avoid transport near drainage paths or waterways.

(7) **Material use during building process** – Use materials only where and when needed to complete the construction activity. Follow manufacturer's instructions regarding uses, protective equipment, ventilation, flammability and mixing of chemicals.

(8) **Solid waste disposal** – Designate a waste collection area on the construction site that does not receive a substantial amount of runoff from upland areas and does not drain directly to a waterway. Ensure that containers have lids so they can be covered before periods of rain, and keep containers in a covered area whenever possible. Schedule waste collection to prevent the containers from overfilling.

(9) **Sanitary waste** – Prevent the discharge of sanitary waste by providing convenient and well-maintained portable sanitary facilities. Locate sanitary facilities in a convenient location away from waterways.

(10) **Landscaping operations** – Maintain as much existing vegetation as practicable. Apply permanent or temporary stabilization, sodding and/or mulching to denuded areas in accordance with the erosion and sediment control specifications and the general VPDES permit for discharges of stormwater from construction activities. Apply nutrients in accordance with manufacturer's recommendations and not during rainfall events.

(11) **Others** – If applicable, describe your Pollution Prevention Practice.

6.0 Stormwater Management Controls

Select all that apply	Stormwater Management Control	Estimated Installation Date	Responsible Party
☐	Post-development Stormwater Management Controls provided by a Larger Common Plan of Development or Sale	NA	Common Plan Construction Activity Operator
☐	Rooftop Disconnection	Insert Date	Construction Activity Operator (See Cover Page of this SWPPP)
☐	Sheet flow to Vegetated Filter (1 or 2)	Insert Date	
☐	Grass Channel	Insert Date	
☐	Rainwater Harvesting	Insert Date	
☐	Permeable Pavement (1 or 2)	Insert Date	

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Select all that apply	Stormwater Management Control	Estimated Installation Date	
☐	Infiltration (1 or 2)		Construction Activity Operator (See Cover Page of this SWPPP)
☐	Bioretention (1 or 2)		
☐	Others		
☐	Exempted	NA	NA

7.0 Spill Prevention & Response

Most spills can be cleaned up following manufacturer specifications. Absorbent/oil dry, sealable containers, plastic bags, and shovels/brooms are suggested minimum spill response items that should be available at this location.

1st Priority: Protect all people
2nd Priority: Protect equipment and property
3rd Priority: Protect the environment

1. 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. LARGE SPILLS ARE LIKELY TO PRESENT A HAZARD.
2. Make Sure the spill area is safe to enter and that it does not pose an immediate threat to health or safety of any person.
3. Stop the spill source.
4. Call co-workers and supervisor for assistance and to make them aware of the spill and potential dangers.
5. If possible, stop spill from entering drains (use absorbent or other material as necessary).
6. Stop spill from spreading (use absorbent or other material)
7. If spilled material has entered a storm sewer; contact locality's storm water department.
8. Clean up spilled material according to manufacturer specifications, for liquid spills use absorbent materials and do not flush area with water.
9. Properly dispose of cleaning materials and used absorbent material according to manufacturer specifications.

Emergency Contacts:

Normal Working Hours

DEQ Northern Regional Office 703-583-3800

Nights, Holidays & Weekends

VA Dept. of Emergency Management 804-674-2400
24 Hour Reporting Service

Local Contacts

Arlington County Fire & Police 703-558-2222
DES Water, Sewer, Streets 24-Hour Emergency 703-228-6555
Washington Gas Emergency 703-750-1400

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

8.0 Self Inspections Report & Corrective Action Log (make additional copies as neces

Qualified Inspector

Company/Organization:
Name:
Telephone Number:
Qualifications:

Inspection Schedule

Discharges to impaired waters, surface waters within a TMDL watershed, or exceptional waters:

☒ Once every 4 business days.

Inspection Date:

Type of Inspection: ☐ Regular ☐ Pre-storm event ☐ During storm event ☐ Post-storm event

Phase of construction: ☐ Pre-Con ☐ DEMO ☐ Clearing ☐ Building ☐ Grading ☐ Final Stabilization

Is a copy of the SWPPP available on site? ☐ Yes ☐ No Is the SWPPP complete? ☐ Yes ☐ No

Are there any discharges at the time of this inspection? ☐ Yes ☐ No If yes, describe:

Have any discharge occurred since the last inspection? ☐ Yes ☐ No If yes, describe:

Best Management Practices (BMPs)	In Compliance with SWPPP?	Corrective Action Needed; Responsible Party & Notes	Date Corrective Action Taken
Are all construction exits preventing sediment from being tracked onto the adjacent streets?	☐ Yes ☐ No ☐ NA		
Are perimeter controls and sediment barriers adequately installed and maintained?	☐ Yes ☐ No ☐ NA		
Are storm drain inlets properly protected? (on-site and adjacent)	☐ Yes ☐ No ☐ NA		
Are discharge points and receiving waters free of any sediment deposits?	☐ Yes ☐ No ☐ NA		

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Best Management Practices (BMPs)	In Compliance with SWPPP?	Corrective Action Needed; Responsible Party & Notes	
Are all slopes and disturbed areas not actively being worked properly stabilized?	☐ Yes ☐ No ☐ NA		
Are washout facilities (e.g., concrete, paint, stucco) available, clearly marked and maintained?	☐ Yes ☐ No ☐ NA		
Is trash/litter from work areas collected and contained in dumpsters?	☐ Yes ☐ No ☐ NA		
Are non-stormwater discharges (e.g., wash water, dewatering) properly controlled?	☐ Yes ☐ No ☐ NA		
Are natural resources (e.g., streams, wetlands, mature trees) area protected with barriers or similar BMPs?	☐ Yes ☐ No ☐ NA		
Are vehicle and equipment fueling, cleaning and maintenance areas free of spills, leaks, or other deleterious material?	☐ Yes ☐ No ☐ NA		
Are materials that are potential stormwater contaminants stored inside or under cover?	☐ Yes ☐ No ☐ NA		
Are disturbed areas stabilized within 7 days, if areas denuded will remain undisturbed for 14 days?	☐ Yes ☐ No ☐ NA		

Non – Compliance
Describe any incidents of non-compliance not described above (use another page is necessary)

Certification

"I certify under penalty of law that I have read and understand this document and that this document and all attachments were prepared in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Operator or Assigned Qualified Personnel Name: _____

Signature: _____

Date: _____

9.0 Grading & Stabilization Activities Log

Date Grading Activity Initiated	Description of the Grading Activity (including location)	Date Grading Activity Ceased	Date Stabilization Measures Initiated	Description of Stabilization Measures (including location)

10.0 SWPPP Modification & Update Log

Modification Date	Description of the Modification / Update (name & title that request the modification)	Modification Prepared By (name & title)

INSTRUCTIONS for COMPLETING the SINGLE FAMILY RESIDENCE, COMMON PLAN of DEVELOPMENT or SALE STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

General
A Stormwater Pollution Prevention Plan (SWPPP) must be developed prior to obtaining locality (e.g., City, Coun to commence land disturbance.

SWPPP Cover Page
For a construction activity, enter the project/site name and physical address (if available), including city (or town), state and zip code. Enter the latitude and longitude in decimal degrees of the construction activity.

Enter the Construction Activity Operator's company/organization name, the Operator's name and mailing address, including city (or town), state, and zip code, telephone number, email address (if available), and a 24-hour emergency contact.

Enter the SWPPP preparation date.

The Construction Activity Operator identified on the cover page of the SWPPP is responsible for certifying the information contained therein. Please sign the certification in INK. Please note that state statues require the SWPPP to be signed as follows:
(1) For a corporation: by a responsible corporate officer;
(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively;
(3) For a municipality, state, federal, or other public agency: by either a principal executive officer or ranking elected official.

Section 1.0 SWPPP Documents Located Onsite & Available for Review
Utilize the provided checklist to ensure that the required SWPPP documents are located onsite and are available for review, if applicable.

Section 2.0 Authorized Non-Stormwater Discharges
Identify the authorized non-stormwater discharges likely to be present at the project site. If an unlisted authorized non-stormwater discharge is likely to be present at the project site, provide it here.

Section 3.0 Pollution Prevention Awareness
Provide employees with a "walk through" of the project site and identify areas of possible pollution, erosion and sediment controls, and pollution prevention practices which are applicable to their assigned job duties. Conduct refresher meetings and perform additional "walk throughs" on an as needed basis.

Section 4.0 Erosion & Sediment Controls
Identify the erosion and sediment controls to be implemented at the project site. For each erosion and sediment control, enter the estimated installation date and estimated removal date. If an unlisted erosion and sediment control will be implemented at the project site, provide the applicable information here.

Section 5.0 Potential Sources of Pollution & Pollution Prevention Practices
Identify the pollutant-generating activities likely to be present at the project site; implement and maintain the corresponding pollution prevention practices. If an unlisted pollutant-generating activity is likely to be present at the project site, describe it, identify the associated pollutant(s), and provide the corresponding pollution prevention practice(s) to be implemented and maintained.

Section 6.0 Stormwater Management Controls
Identify the stormwater management controls to be implemented at the project site, if applicable. For each stormwater management control, enter the estimated installation date. If an unlisted stormwater management control will be implemented at the project site, provide the applicable information here.

Section 7.0 Spill Prevention & Response
Most spills can be cleaned up following manufacturer specifications. The priority should be to protect all people, equipment, property, and the environment. Enter the telephone number of your local fire and police departments.

Section 8.0 Inspections & Corrective Action Log
Enter the qualified inspector's company/organization name, the inspector's name, telephone number, and qualifications. Select the applicable inspection type, enter the construction activity inspection date, and enter the date and rainfall amount of the last measurable storm event (if applicable). Identify if the implemented best management practices are in compliance with the SWPPP. Enter corrective actions needed; the party responsible for implementing the corrective actions, and the date corrective actions were taken, if applicable. Make additional copies of the inspection and corrective action log as necessary.

Section 9.0 Grading & Stabilization Activities Log
Enter the date grading activities were initiated, a description of the grading activities including location, the date grading activities ceased, the date stabilization measures were initiated, and a description of the stabilization measures including location.

Section 10.0 SWPPP Modification & Update Log
Enter the SWPPP modification date, description of the SWPPP modification/update, and the name and title of the SWPPP modification preparer, if applicable.

Department of Environmental Services
LDA Permit SWPPP Minimum Acceptance Criteria (MAC) Cl

February 2018

Approved: 5/20/2021
Subject to field inspection
LDA21096

Instructions: Complete this required Front Counter Minimum Acceptance Criteria (MAC) Checklist to [illegible] plan upon submission at 1st submission. If applicable, also complete all attached MAC Checklists for [illegible] the individual review of plan elements.

Project Name: Fort Myer Heights Watermain Improvement	
Address: N. Rhodes Street - From 14th Street N to N. Quinn Street	**Date: April 16, 2021**

	General Items	**yes**	**n/a**	**no**	**sheet**
1	Completion of this Front Counter MAC Checklist and all applicable Plan Review MAC Checklists.	X			1
2	Submit and sign the MAC Checklist with the civil engineering plan for first submittal only.	X			
3	Include a Cover Sheet with the following information	X			C000.1
a	Name of project	X			C000.1
b	Include the address, if known at the time of submission.	X			C000.1
c	Vicinity Map indicating the North arrow; label all streets	X			C000.1
d	Name, address, phone number and email of Contractor	X			C032.1
e	Name, address, phone number and email of Owner	X			C000.1
f	Name, address, phone number and email of Engineer	X			C000.1
g	Table of Contents/ Sheet Index	X			C000.1
h	Horizontal Datum: All plans shall be referenced to the Virginia Coordinate System of 1983 (VCS 83). The following note should be present on the cover sheet: "The site shown hereon is referenced to the Virginia Coordinate System of 1983 as computed from a field run boundary and horizontal control survey."	X			C011.1
i	Vertical Datum: All plans shall be referenced to the North American Vertical Datum of 1988 (NAVD 88). The following note should be present on the cover sheet: "The site shown hereon is referenced to the North American Vertical Datum of 1988 as computed from a field run vertical control survey."	X			C011.1
j	Site plan/use permit number and/or which FBC if the project is pursuant to a 4.1 site plan, or a use permit, or a Form Based Code project.		X		
4	Include an Existing Conditions Plan Sheet, Demolition Plan Sheet and Site Plan Sheet	X			
5	Include the following within the Plan, on applicable Plan Sheets				
a	Graphic Scale on ALL plan sheets	X			
b	North Arrow on ALL plan sheets	X			
c	Current Field Survey Topography (certified)	X	X		
d	Site Areas (Post Dedication and Post Vacation)		X		
e	Total site area of property in sq ft and acres		X		
f	Existing and Proposed Easements on an exhibit		X		
g	Real Property Identification Map Number, RPC Numbers		X		
h	Legends	X			C051.1 - C051.
6	Engineer's Seal/ Signature - Signed and dated on all sheets	X			

Erosion and Sediment Control Plan		yes	n/a	no	sheet
1	Include the Following on Erosion and Sediment Control Plan Sheets				
a	E&S Control Plan and Site Plans				..1
b	E&S Control Narrative				..1
c	E&S Control practices detail drawing (dewatering device, etc..)				..2
d	E&S Control Plan Legend				
e	Virginia Erosion and Sediment Control Handbook (VESCH) specification numbers				
f	Blank Responsible Land Disturber Letter	X			C032.2
2	General E&S Control Notes, General Land Conservation Notes, and Pre-Storm Erosion and Sediment Control Checklist.	X			C032.1
3	Landscape Conservation Plan with the following clearly indicated		X		
a	Determination of the critical root zone		X		
b	Tree protection fencing		X		
c	Signage		X		
d	Critical Root zone mitigation, such as root pruning, padding, or other root protection methods		X		
e	Note requiring county arborist inspection before any land disturbance activity		X		
f	Tree inventory of all trees larger than 3 inches DBH, either on site or with a critical root zone encroaching the limit of disturbance. This list will contain information on species, size, health, whether the tree is to be protected or not, and other issues, such as location in the RPA, disease concerns, or invasive species presence		X		
g	Tree canopy coverage calculation		X		
h	RPA delineation, if applicable		X		
i	For 4.1 site plans and use permits, a copy of all relevant approved conditions, including, but not limited to, the landscape plan and tree preservation plan		X		
j	For 4.1 site plans and use permits, a copy of the tree preservation plan and the calculation of the tree replacement value of removed trees approved by the County Board, if these were part of the approval		X		
k	For public projects which do not have a tree preservation condition approved by the County Board, a calculation of the tree replacement value of removed trees		X		

Stormwater Management Plan		YES	NO	N/A	sheet
1	Include the following on Stormwater Management Plan Sheets			X	
a	Runoff Reduction Spreadsheet			X	
b	Design details and reference of stormwater facilities listed in the Runoff Reduction Spreadsheet			X	
c	Facility detail, maintenance schedule, material specifications and construction inspection checklist for each stormwater facility proposed			X	
d	Drainage area boundary and runoff flow arrows			X	
e	Water Quantity Energy Balance Worksheet			X	
f	Waterproofing Note, if applicable			X	
g	Meet requirement for sheetflow and statement of no adverse impact to adjacent properties			X	
h	Indicate sump pump discharge location, tie into the public storm sewer system when possible.			X	
i	Indicate Floodplain boundary and floodplain study OR certification on plan that no floodplain is present			X	
j	Indicate Resource Protection Area (RPA) boundary on plan OR include certified note on plan that no RPA is present. If RPA is present, include Completed Water Quality Impact Assessment (WQIA) form with required elements. Include Completed Exception Request Form on plan (if required), and proposed RPA mitigation			X	
k	Blank Stormwater Facility Maintenance and Monitoring Agreement			X	
l	SWM# on the coversheet, once assigned after 1st review			X	

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

m	For 4.1 site plans and use permits, a copy of the conceptual SWM plan and calculations from the County Board-approved 4.1 or use permit plans for information only			X	

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Pollution Prevention Plan					
1	Include the following on the Pollution Prevention Plan				C051.1-C051.3
a	Standard notes from Stormwater Manual Section 2.4				
b	Authorized Non-Stormwater Discharge (Section 2.0), Potential Sources of Pollution & Pollution Prevention Practices (Section 5.0), and Spill Prevention & Response (Section 7.0) from SWPPP Template (Appendix B) of the Stormwater Manual	X			
Wet Utility Requirements					
a	for a new development with a new building or for additions that will upgrade to more than 3 toilets (WCs), the water meter and service line shall have as existing, or be upgraded to a minimum ¾" and 1", respectively.		X		
b	the location of the existing and proposed meter/service shall clearly be shown on the plan to be within the utility strip (where applicable) or sidewalk but not on private property without the provision of an easement ,nor in driveway/apron, nor within five (5) tormwater Management Facility and Site Data Spreadsheet	X			C051.1-C051.3
c	if the water service and meter are relocated from the existing meter location and the service line crosses other utilities (water, sewer, gas, underground dry utility) between the water main and meter , a depth profile shall be provided to clearly show the separation from these utilities with a minimum vertical separation of twelve (12) inches. The plan must be certified by a licensed professional			X	
d	the location of the new meter shall be staked out by the developer/owner with information to be provided to the County meter installers.from these utilities with a minimum vertical separation of twelve (12) inches. The plan must be certified by a licensed professional			X	
Attachments (one 8.5"x 11" hard copy stapled to the SWPPP plan)					
a	Registration Statement for project with land disturbance equal to or greater than 1 acre			X	C032.1
b	Stormwater Management Facility and Site Data Spreadsheet			X	
c	Stormwater Prevention Plan (P2) Template of the Stormwater Manual			X	
d	Planning & Field Guide for Pollution Prevention (P2)	X			

I certify that the above is true and accurate to the best of my knowledge.

Signature

4/16/21

Date

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Planning & Field Guide for Pollution Prevention (P2)

Attachment to the P2 Plan for (insert address below):

FORT MYER HEIGHTS WATERMAIN

N. RHODES STREET - FROM 14TH STREET N. TO N. QUINN STREET

ARLINGTON
VIRGINIA

Table of Contents

Introduction

This supplement highlights some of the common pollution-preventing practices that are s
supplement is intended to assist you with the creation of the required Stormwater Polluti d
provides suggestions of practices that help prevent pollution. Most pollution-releasing in
construction sites could have been avoided with the proper planning and implementation
practice should be appropriately sized for the specific project site where it will be implemented. Regular review,
maintenance and adjustment, when necessary, of the practice is the responsibility of the construction site
manager to ensure that only clean, clear stormwater leaves the site.

Some practices from Maryland's Department of the Environment are provided in this guide. These are acceptable examples that could be used in Arlington County. The drawings and their detail are available at:

http://mde.maryland.gov/programs/Water/StormwaterManagementProgram/SoilErosionandSedimentControl/Pages/2011_ESC_details.aspx

Monitor the Weather

It is extremely important to regularly monitor the weather forecast and plan accordingly when a construction site is active and/or unstabilized. It is the contractor's responsibility to:

- Schedule time to implement pre-storm plan when precipitation is predicted.
- Check containment practices after a precipitation event and maintain as necessary.

Good Housekeeping

Clean up sediment and debris along the curb and in the street every day using "dry" methods, such as shoveling, sweeping or vacuuming. The use of water to remove sediment and debris from the right-of-way will not be permitted under any circumstance. Remember - only clean, clear stormwater may leave a construction site.

Example cleanup methods. Left photo: vacuuming. Right photo: sweeping debris away from the storm drain.

Concrete Washout

Concrete wash water is directed into a leak-proof container or settling basin. The contair l adequately sized to ensure overflows do not occur, whether due to precipitation or inade concrete washes are removed and disposed of in a manner consistent with handling cons and mortar work must also utilize a washout device.

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Best Practices:

- ✓ Washouts must be sized appropriately for the needs of the site.
- ✓ Do not locate washouts near storm drains.
- ✓ Concrete washouts cannot be used for the purpose of dewatering. Concrete washouts and dewatering devices are not interchangeable.
- ✓ Don't mix more fresh concrete or cement than you will use in a two-hour period.
- ✓ Set up and operate small mixers on top of plywood that is covered by tarps or heavy plastic drop cloths, and bermed with stones around the edge.
- ✓ Set up mortar containers on top of a tarp or heavy plastic drop cloth.
- ✓ When cleaning up after driveway or sidewalk construction, use DRY methods such as sweeping, shoveling or use a street sweeper/vacuum truck.
- ✓ Wash down exposed aggregate concrete only when the wash water can drain onto a bermed surface from which it can be pumped and disposed of properly or be vacuumed from a catchment created by blocking a storm drain inlet. If necessary, divert runoff with temporary berms.
- ✓ Wash out concrete mixers in designated wash-out areas where the water flows into a temporary waste pit.
- ✓ Dispose of settled, hardened concrete as garbage.
- ✓ Ensure that tracking does not occur from the concrete washout area.
- ✓ Dewatering of accumulated stormwater can only be done through a chemical filtering sock.
- ✓ Concrete wash water and sawcut slurry are not allowed to enter a storm drain.

If debris is in the curb, a vacuum truck may be needed to clean up the area.

Check which practice you will implement. Drawings and descriptions are in the fo

If choosing "Other," supply a drawing and detailed description (including mainte

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

____ Excavated Washout Structure

____ Washout Structure with Wood Planks

____ Washout Structure with Straw Bales

____ Prefabricated Containment System

- Name of manufacturer: _____
- Size: _____
- Attach the manufacturer's specification sheet and detail of how it will be maintained.

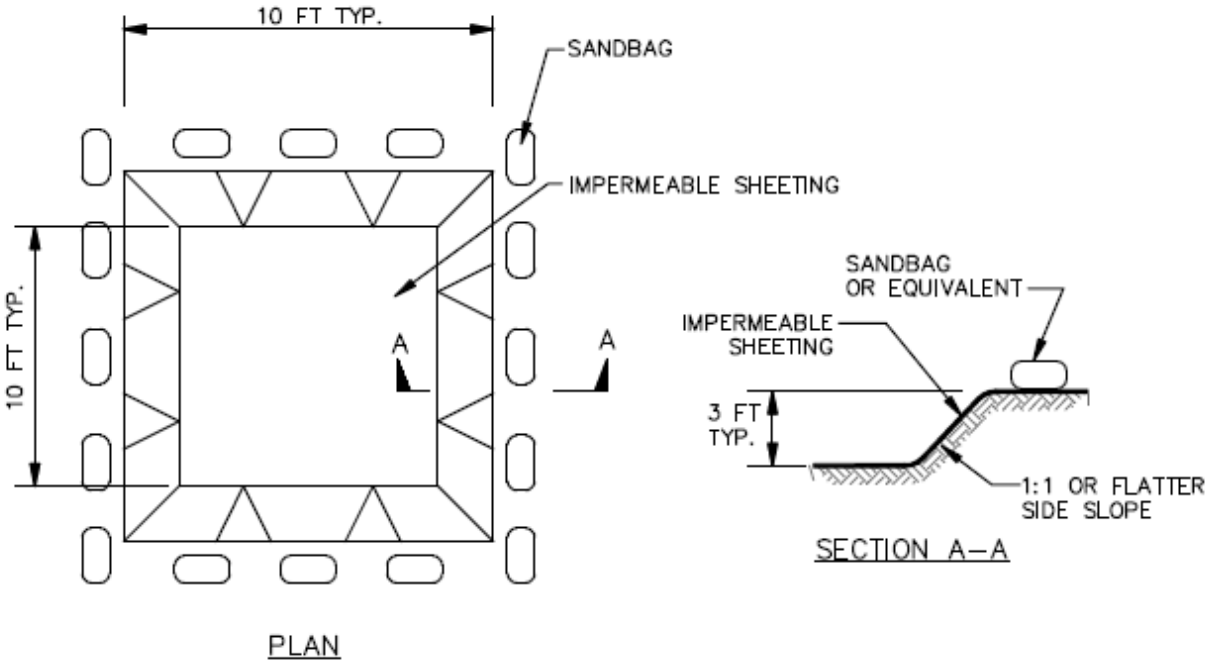
____ Other

Approved Concrete Washout Practice Drawings & Descriptions

Excavated Washout Structure

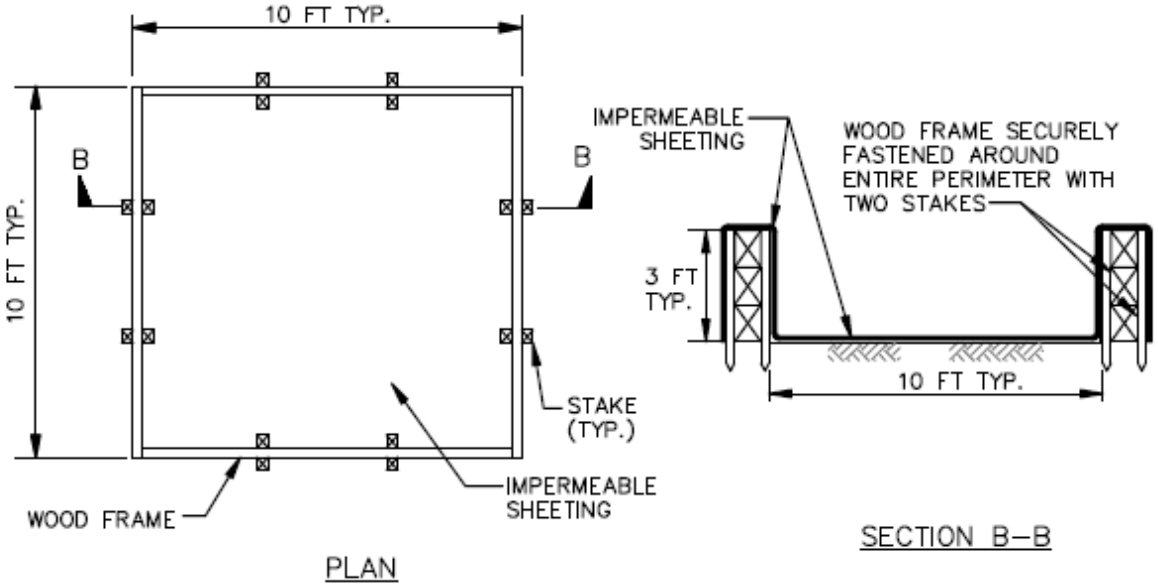
The Maryland Standard H-6 for an onsite concrete washout structure is provided as an option for use in Arlington County.

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096



Washout Structure with Wood Planks

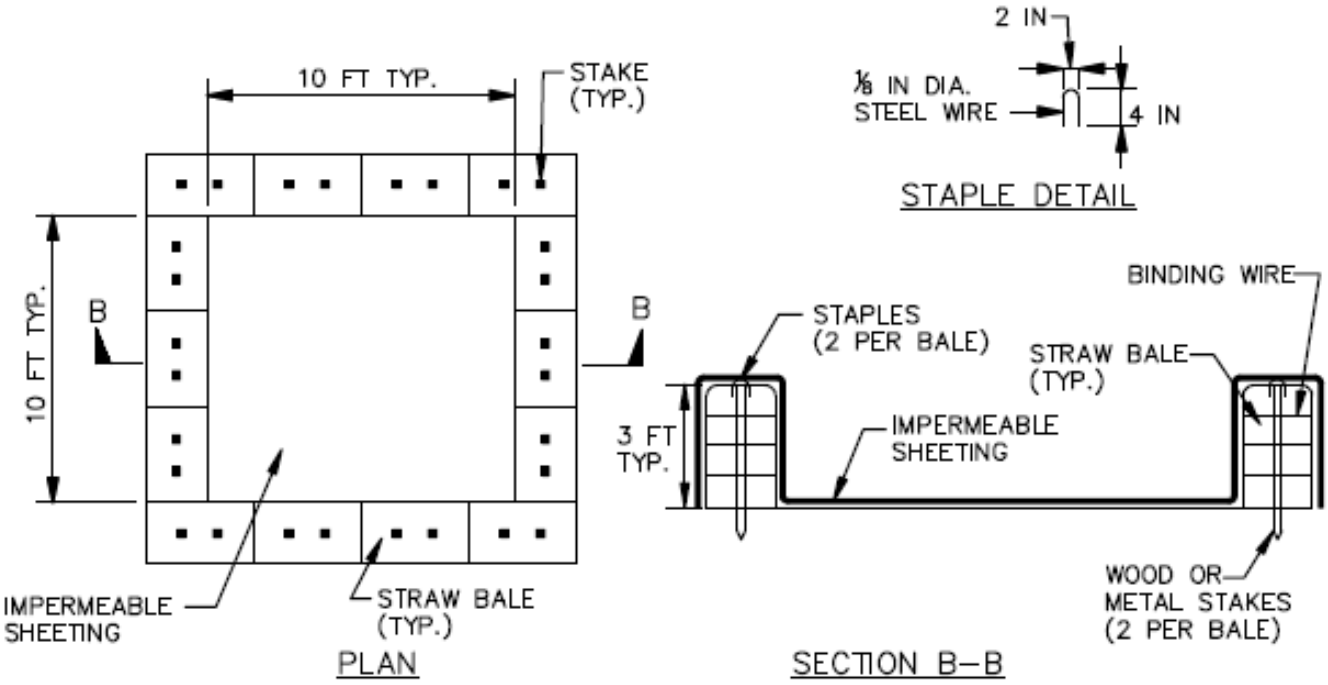
The Maryland Standard H-6 for an onsite concrete washout structure is provided as an acceptable option for use in Arlington County.



Washout Structure with Straw Bales

The Maryland Standard H-6 for an onsite concrete washout structure is provided as an option for use in Arlington County.

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096



NOTE: CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH

Example washout structures. Note that each example is fully lined and the washout is contained.

Prefabricated containment example.

Concrete Washout Other

Supply a drawing and detailed description. Include information on practi

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Structure Construction, Stucco, Painting and Cleaning

Enclose, cover or berm building material storage areas if susceptible to contaminated sto
Conduct painting operations consistent with local air quality and OSHA regulations. Mi
containment area or a flat unpaved area. Prevent the discharge of soaps, solvents, deterge
form construction materials, including the cleanup of stucco paint, form release oils and

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Best Practices:

- ✓ Liquid waste may not enter a storm drain.
- ✓ Liquid wastes are to be contained in a controlled area, such as a portable tank.
- ✓ Containment must be structurally sound and leak-free.
- ✓ Containment must be sized appropriately for the needs of the site.
- ✓ Locate containment areas away from storm drains.

Examples for Structure Construction, Stucco, Painting and Cleaning Practices

Example paint washout structure.

Example small-scale concrete and paint washout area.

Structure Construction, Stucco, Painting and Cleaning Other

Supply a drawing and detailed description. Include information on practi

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Dewatering Operations

Construction site dewatering from building footings or other sources may not be discharg
Sediment laden or turbid water must be filtered, settled or similarly treated prior to disch
structure must be sized to allow pumped water to flow through the filtering device witho
structure. Use a combination of filtering and inlet protection approaches described below
clear water leaves the site. Closely monitor and maintain the sediment removal devices t
clogged and operate correctly. Make adjustments as site conditions change.

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Check which filtering practice(s) you will implement. Drawings and descriptions are in the following section. If choosing "Other," supply a drawing and detailed description that includes information on maintenance on page 17.

____ Filter Box

____ Straw Bale/Silt Fence Pit

____ Portable Sediment Tank

____ Filter Bag

____ Pump from Settling Pit

____ Manufactured System

- Name of manufacturer: _____
- Size: _____
- Attach the manufacturer's specification sheet and detail of how it will be maintained.

____ Other

Check which inlet protection practice(s) you will couple with the filtering practice. See Arlington's *Erosion and Sediment Control Supplement* and/or the Virginia Department of Environmental Quality's *Virginia Erosion and Sediment Control Handbook* for inlet protection practice specifications.

If choosing "Other," supply a drawing and detailed description that includes information on maintenance on page 8 of the E&S Supplement.

____ Filter Fabric Inlet Protection

____ Gravel Curb Inlet Sediment Filter

____ Block and Gravel Curb Inlet Sediment Filter

____ Block and Gravel Drop Inlet Sediment Filter

____ Silt Fence Drop Inlet Protection

____ Median Inlet Protection

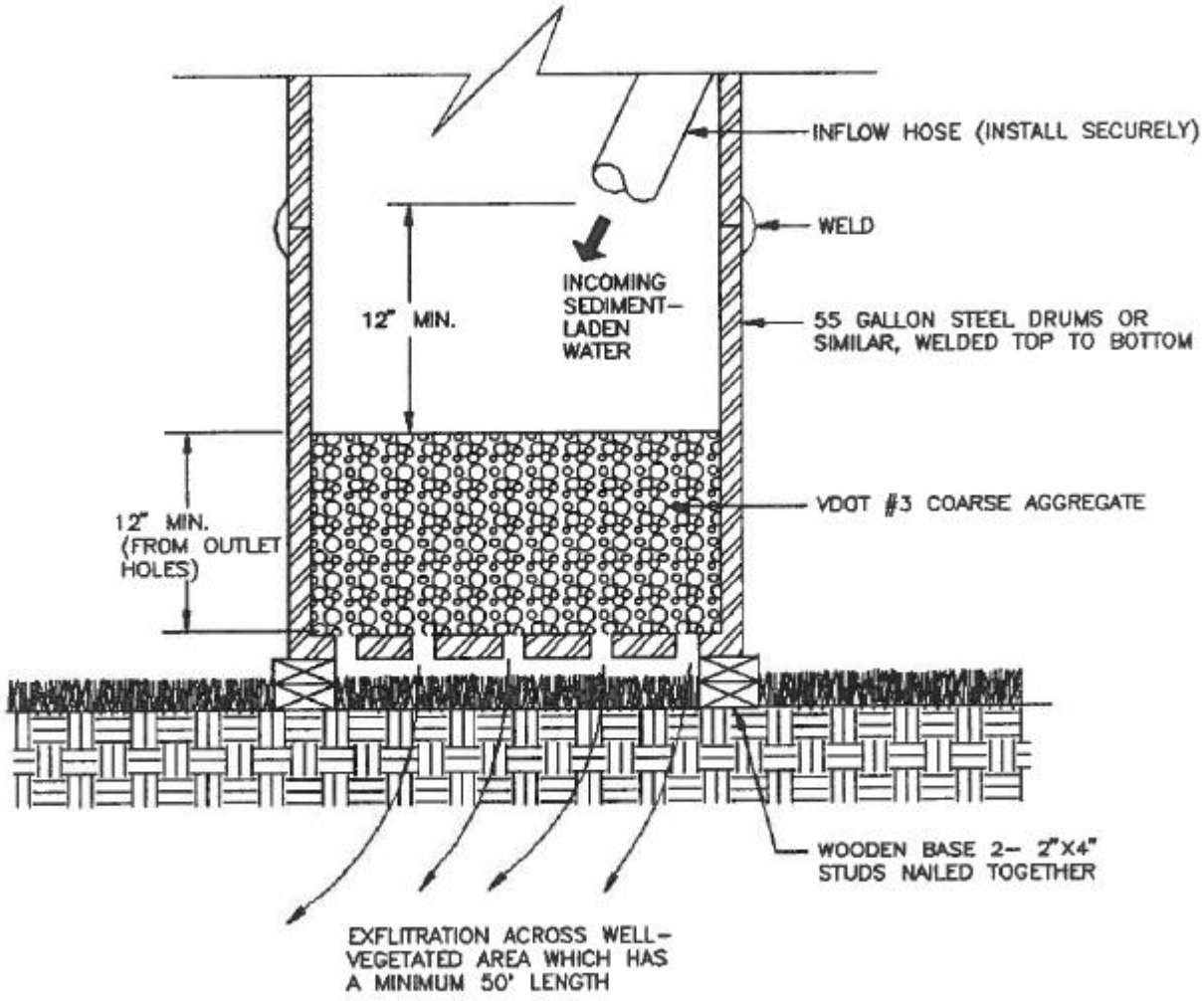
____ Other

Approved Dewatering Practice Drawings & Descriptions

Filter Box

See the Virginia Department of Environmental Quality's *Virginia Erosion and Sediment* Chapter 3-3.26 for additional design specifications. The box must be cleaned out once or if filled with sediment. If the stones become clogged and the box stops properly function removed, cleaned and replaced.

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

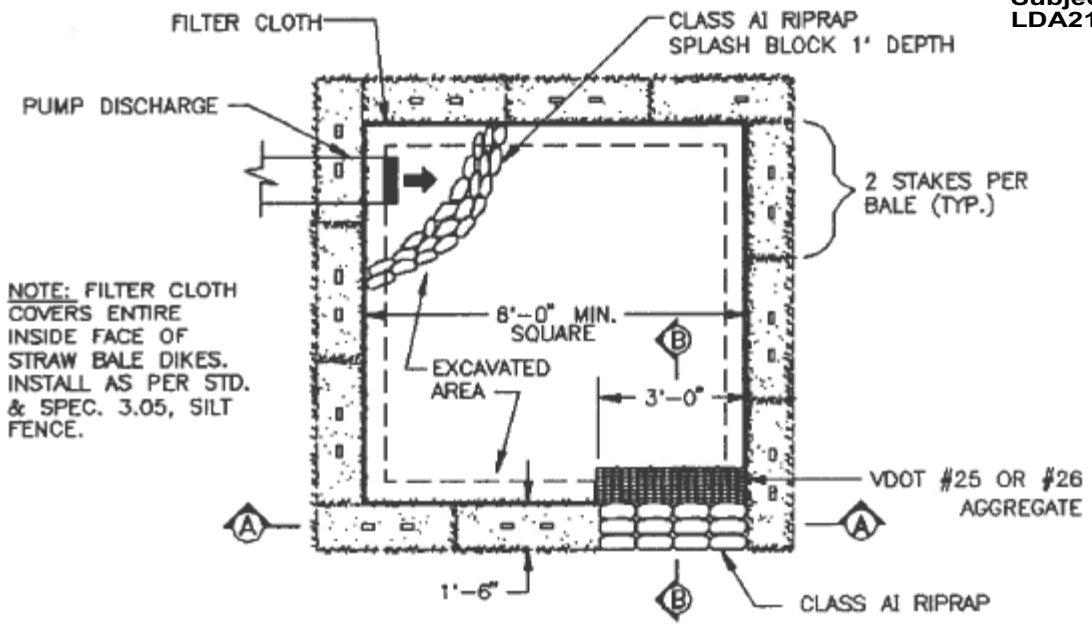


ELEVATION VIEW

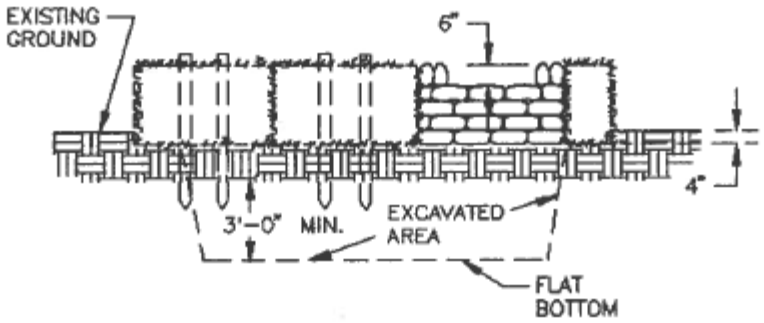
Straw Bale/Silt Fence Pit

See the Virginia Department of Environmental Quality's *Virginia Erosion and Sediment* Chapter 3-3.26 for additional design specifications.

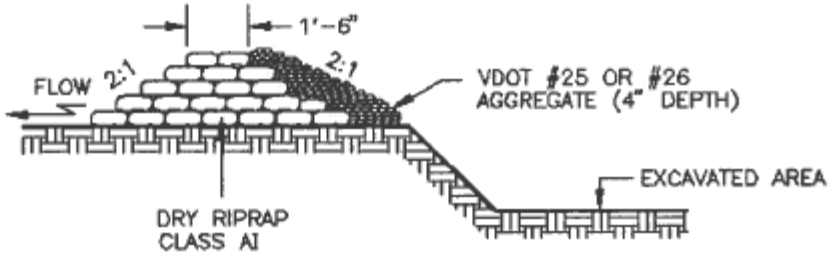
ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096



PLAN VIEW



CROSS-SECTION A-A



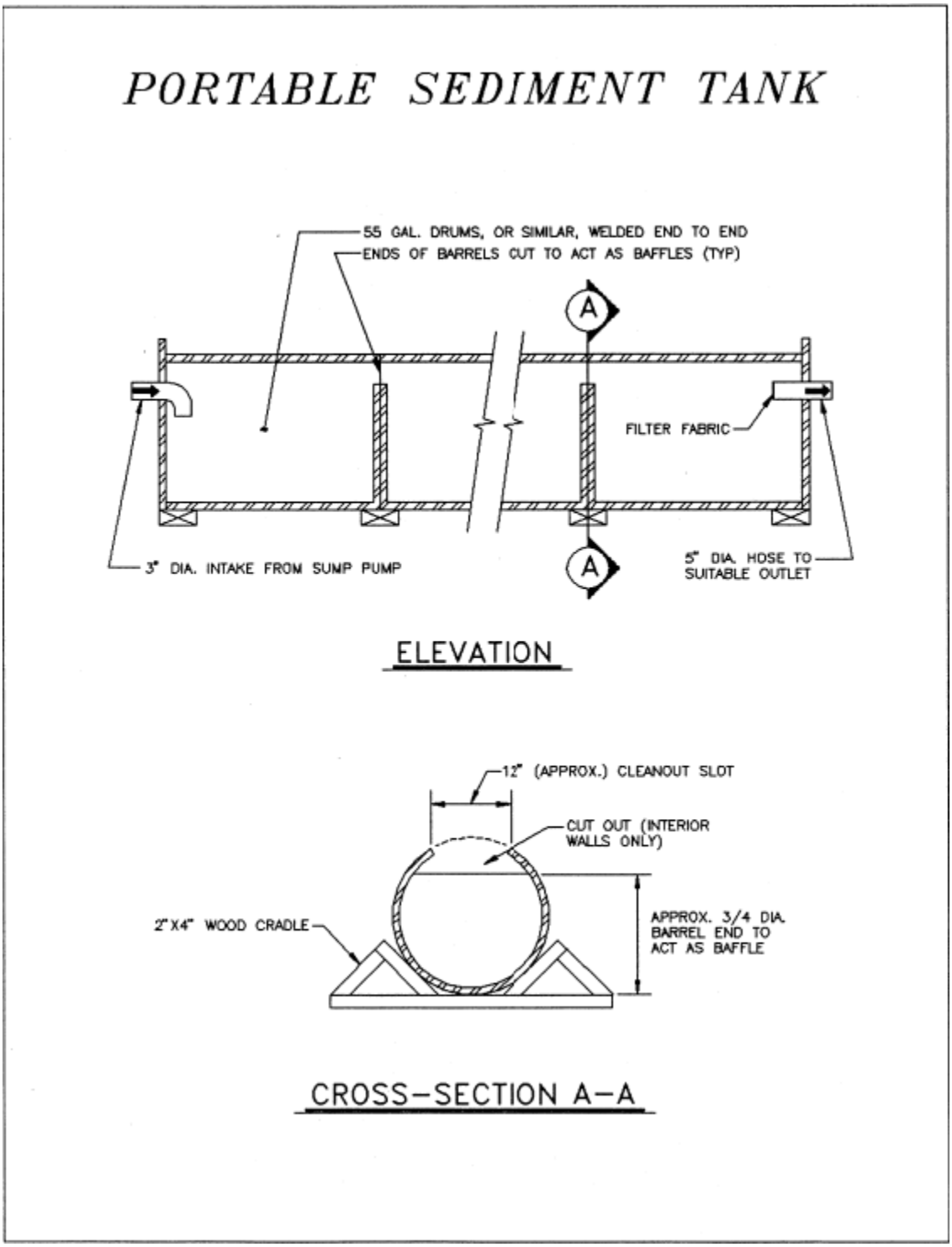
CROSS-SECTION B-B

Portable Sediment Tank

See the Virginia Department of Environmental Quality's *Virginia Erosion and Sediment* Chapter 3-3.26 for additional design specifications. Storage volume of the sediment tank

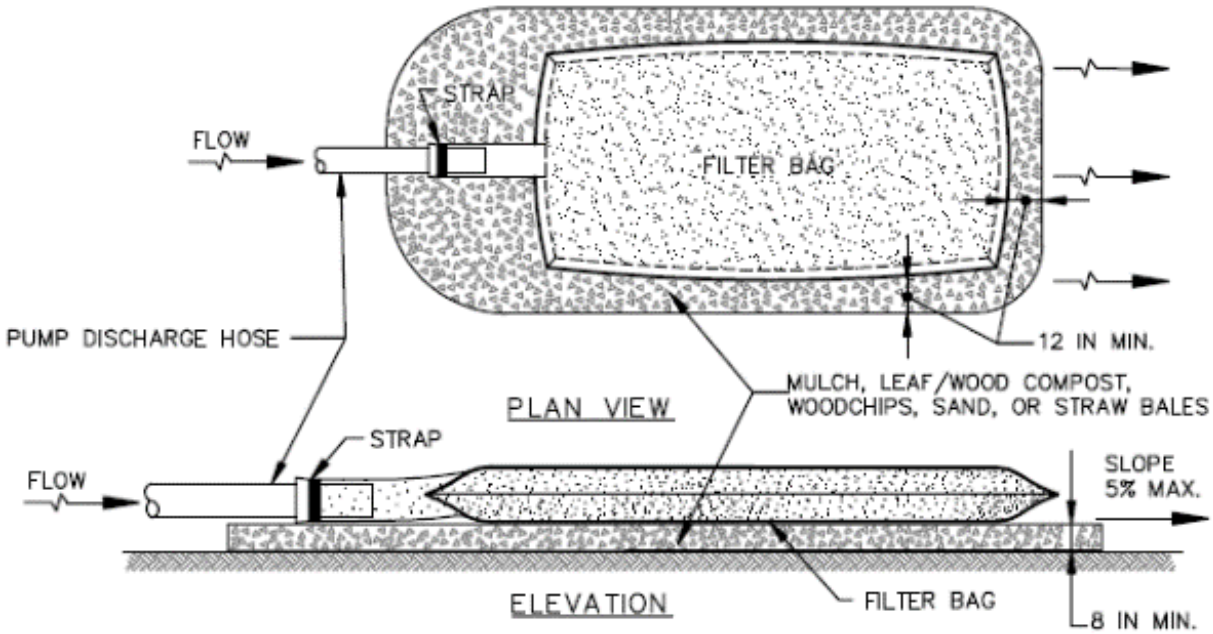
Pump discharge (g.p.m.) x 16 = cubic feet of storage required

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096



The Maryland Standard F-4 for a filter bag is provided as an acceptable option for use in County if straw bales or stone are used as the layer under the filter bag. The use of mulc compost, woodchips or sand is not acceptable.

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096



CONSTRUCTION SPECIFICATIONS

1. TIGHTLY SEAL SLEEVE AROUND THE PUMP DISCHARGE HOSE WITH A STRAP OR SIMILAR DEVICE.
2. PLACE FILTER BAG ON SUITABLE BASE (E.G., MULCH, LEAF/WOOD COMPOST, WOODCHIPS, SAND, OR STRAW BALES) LOCATED ON A LEVEL OR 5% MAXIMUM SLOPING SURFACE. DISCHARGE TO A STABILIZED AREA. EXTEND BASE A MINIMUM OF 12 INCHES FROM EDGES OF BAG.
3. CONTROL PUMPING RATE TO PREVENT EXCESSIVE PRESSURE WITHIN THE FILTER BAG IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. AS THE BAG FILLS WITH SEDIMENT, REDUCE PUMPING RATE.
4. REMOVE AND PROPERLY DISPOSE OF FILTER BAG UPON COMPLETION OF PUMPING OPERATIONS OR AFTER BAG HAS REACHED CAPACITY, WHICHEVER OCCURS FIRST. SPREAD THE DEWATERED SEDIMENT FROM THE BAG IN AN APPROVED UPLAND AREA AND STABILIZE WITH SEED AND MULCH BY THE END OF THE WORK DAY. RESTORE THE SURFACE AREA BENEATH THE BAG TO ORIGINAL CONDITION UPON REMOVAL OF THE DEVICE.
5. USE NONWOVEN GEOTEXTILE WITH DOUBLE STITCHED SEAMS USING HIGH STRENGTH THREAD. SIZE SLEEVE TO ACCOMMODATE A MAXIMUM 4 INCH DIAMETER PUMP DISCHARGE HOSE. THE BAG MUST BE MANUFACTURED FROM A NONWOVEN GEOTEXTILE THAT MEETS OR EXCEEDS MINIMUM AVERAGE ROLL VALUES (MARV) FOR THE FOLLOWING:

GRAB TENSILE	250 LB	ASTM D-4632
PUNCTURE	150 LB	ASTM D-4833
FLOW RATE	70 GAL/MIN/FT^2	ASTM D-4491
PERMITTIVITY (SEC^{-1})	1.2 SEC^{-1}	ASTM D-4491
UV RESISTANCE	70% STRENGTH @ 500 HOURS	ASTM D-4355
APPARENT OPENING SIZE (AOS)	0.15-0.18 MM	ASTM D-4751
SEAM STRENGTH	90%	ASTM D-4632

6. REPLACE FILTER BAG IF BAG CLOGS OR HAS RIPS, TEARS, OR PUNCTURES. DURING OPERATION KEEP CONNECTION BETWEEN PUMP HOSE AND FILTER BAG WATER TIGHT. REPLACE BEDDING IF IT BECOMES DISPLACED.

Pump from Settling Pit

Dig a small pit and fill with fine gravel. Draw water from the top of the pit, not the botto ensure that you are drawing only clear water from the pit.

Manufactured System

There are a variety of manufactured systems on the market. Choose one that fits the size constraints of your site and can adequately meet your dewatering needs.

Dewatering Practice Other

Supply a drawing and detailed description. Include information on practice m

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Material Delivery and Storage

Eliminate or minimize the chances of contact with runoff and a pollution discharge even ı site. Designate areas of the construction site for material delivery and storage. Place near s, away from waterways, and avoid transport near drainage paths or waterways.

Best Practices

- ✓ Train employees and subcontractors on the proper material delivery and storage practices.
- ✓ Keep materials dry and protected from wind and rain. Install berms or curbs when necessary to prevent runoff.
- ✓ Before it rains, sweep and remove materials from surfaces that drain to storm drains, creeks or channels.
- ✓ Cover dry and wet materials, including exposed piles of soil and construction materials, with plastic sheeting or temporary roofs when not in use.
- ✓ Secure bags of cement after they are open. Be sure to keep wind-blown cement powder away from streets, gutters, storm drains, rainfall and runoff.
- ✓ Provide secondary containment around tanks or at a minimum berm them.
- ✓ Place a stockpile of spill cleanup materials, such as brooms, dustpans and vacuum sweepers (if desired), near the storage area where it will be readily accessible.
- ✓ Keep outdoor storage containers in good condition.

Example of a manufacturer's storage container. Note that the doors are closed and that the area surrounding the container is clean (except for some residual snow).

Best Practices

- ✓ Establish a designated fueling area where all vehicles and equipment are fueled.
- ✓ Place temporary "caps" over nearby catch basins or manhole covers so that if a spill occurs it is prevented from entering the storm drain.
- ✓ Cover fueling and chemical storage areas with an overhanging roof structure or canopy so that precipitation cannot come in contact.
- ✓ Place a stockpile of spill cleanup materials where it will be readily accessible. Include portable absorbent booms (long flexible shafts or barriers made of absorbent material) in unbermed fueling areas.
- ✓ Use DRY methods such as adsorbent materials on small spills. Remove the adsorbent materials after use promptly.
- ✓ Install protective guards around tanks and piping to prevent vehicle or forklift damage.
- ✓ Use a perimeter drain or slope pavement inward with drainage to sump. Pave area with concrete rather than asphalt.
    - Where covering is not feasible and the fuel island is surrounded by pavement, apply a suitable sealant that protects the asphalt from spilled fuels.
- ✓ Install overflow protection devices on tank systems to warn the operator to automatically shutdown transfer pumps when the tank reaches full capacity.
- ✓ Install clear tagging or labeling of all valves to reduce human error.
- ✓ Fit fuel dispensing nozzles with "hold-open latches" (automatic shutoffs) except where prohibited by local fire departments.
- ✓ Post signs at the fuel dispenser or fuel island warning vehicle owners/operators against "topping off" of vehicle fuel tanks.
- ✓ Use secondary containment when transferring fuel from the tank truck to the fuel tank.
- ✓ Regularly inspect fuel and chemical containers.
    - Check for external corrosion and structural failures such as cracks, scratches and other physical damage that may weaken the tank or container system.
    - Check for leaks or spills while pumping liquids or gases from truck to a storage facility or vice versa.
    - Check tank foundations, connections, coatings, tank walls and piping system for failures.
    - Visually inspect new tank or container installation for loose fittings, poor welding, and improper or poorly fitted gaskets.
- ✓ Integrity testing should be conducted periodically by a qualified professional.

- ✓ Report significant spills to your site inspector. Immediately call 703-558-2222 if a Hazmat team is required to address the spill.

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Fuel storage example. Cans are closed and located inside of a lined, secondary containment. The cans are also covered by a plastic liner to protect them from the elements.

Chemical storage example. Containers are closed, covered by a tarp, and off of the ground.

Portable refueling mat example. The mat catches drips that may occur during the fueling process.

Material Delivery and Storage, and Chemical and Fuel management and Storage Other

Supply a drawing and detailed description. Include information on practice m

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Solid Waste Disposal

Designate a waste collection area on the construction site that does not receive a substan
from upland areas and does not drain directly to a waterway. Ensure that containers have
covered before periods of rain, and keep containers in a covered area whenever possible.
collection to prevent the containers from overfilling.

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Best Practices

- ✓ A sufficient number of waste containers must be kept on a site to handle the quantity of waste produced.
- ✓ Keep waste collection areas clean.
- ✓ Keep dumpster lids closed.
- ✓ Have the dumpster emptied before it becomes full and overflows its contents.
- ✓ Waste containers must be water tight.
- ✓ Check waste containers frequently for leaks and clean using DRY methods when necessary.
    - Never clean out a dumpster by power washing or hosing it out.
- ✓ Replace containers that are leaking, corroded, or otherwise deteriorating.
- ✓ Place waste containers under roofs, or cover with tarps or plastic sheeting secured around the outside of the dumpster.
- ✓ Never bury waste material. Dispose of excess dry concrete, grout and mortar in the trash.
- ✓ Create designated hazardous waste collection areas on-site.
- ✓ Place hazardous waste containers in secondary containment.
- ✓ When breaking up pavement, pick up all the pieces and dispose of them properly. Recycle large chunks of broken concrete at a landfill.

Good example of dumpster best practices. The dumpster is tarped and the tarp is secured. Traffic cones keep the area around the dumpster free of traffic and reflective tape (see bottom photo) is affixed to the ends of the dumpster.

Solid Waste Disposal Other

Supply a drawing and detailed description. Include information on practice m

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Sanitary Waste

Best Practices

- ✓ Place portable toilets away from storm drains and waterways, preferably in a veg[illegible]. The toilet would ideally be downhill of storm drains and waterways.
- ✓ Locate portable toilets on level ground.
- ✓ Make sure portable toilets are in good working order. Check frequently for leaks.
- ✓ Regularly schedule pump outs of portable toilets.
- ✓ It is the responsibility of the construction site operator to ensure that the location and cleanliness of the portable toilet is acceptable.

Portable toilet is located on level ground, and is inside secondary containment.

Sanitary Waste Other

Supply a drawing and detailed description. Include information on practice m

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Equipment and Vehicle Maintenance

Use a designated area, away from storm drains, to refuel or perform vehicle or equipmen

ARLINGTON VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

Best Practices

- ✓ Designate one area of the site for auto parking, vehicle refueling, and routine equ
  The designated area should be away from streams or storm drain inlets.
- ✓ Storm drain inlets should be protected. See the Inlet Protection section of the Planning & Field Guide for Erosion & Sediment Control for details.
- ✓ Maintain vehicles and equipment to ensure leaks are quickly found and repaired.
- ✓ Collect all spent fluids, store in separate containers, and properly dispose as hazardous waste (recycle whenever possible).
- ✓ Make major vehicle and equipment repairs off site.
- ✓ Clean up leaks, drips and other spills immediately.
- ✓ Paved surfaces are clear of drip and spill residues, and are stain-free.
- ✓ Use DRY cleanup methods (absorbent materials, cat litter and/or rags). Sweep, shovel or vacuum up and dispose of absorbent materials.
- ✓ Remove construction equipment as soon as possible from the job site. Do not store equipment onsite.
- ✓ Cover exposed fifth wheel hitches and other oily or greasy equipment during rain events.
- ✓ Report significant spills to your site inspector. Immediately call 703-558-2222 if a Hazmat team is required to address the spill.

Equipment and Vehicle Maintenance Other

Supply a drawing and detailed description. Include information on practice m

ARLINGTON
VIRGINIA
Approved: 5/20/2021
Subject to field inspection
LDA21096

(page intentionally left blank)