

# STORMWATER POLLUTION PREVENTION PLAN

*For:*

**CIP 2-190.005 / PWCN-12-0033  
Intersection Improvements at  
S. Rosemont Rd & Lynnhaven Pkwy  
Virginia Beach, Virginia**

**September 2012**

*Prepared By:*

**Excel Paving Corporation**

Inspector/PM: Eric Markowski

Phone: (757) 310-1367

Operator: Excel Paving Corporation

Phone: (757) 466-1855

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## **APPENDIX A**

### **FORMS:**

- Operator Quick Reference Guide
- Subcontractor Identification Form
- Journal of Major Activities

## STORMWATER POLLUTION PREVENTION PLAN

This plan has been prepared and its requirements must be carried out by the prime contractor pursuant to the Virginia Stormwater Management Program (VSMP) General Permit for Small Construction Activities “ less than five acres” (the Permit). The operator must implement this Stormwater Pollution Prevention Plan (SWPPP) as written from commencement of construction activity until final stabilization is complete.

### 1. SITE DESCRIPTION

This project is designed to provide safety improvements to the S. Rosemont Rd & Lynnhaven Parkway intersection

- a. The on-site **project area** includes approximately **5.1 acres**. The total **disturbed** area of the project is expected to be approximately **1.6** acres. A site vicinity map is included in the plans, which will be kept on-site with this report.
- b. The receiving water North Landing River, which flows into the Chesapeake Bay, and finally to the Atlantic Ocean.
- c. The Elizabeth River is a water body which is listed as a impaired water for Fecal coliform bacteria. During construction care must be taken to maintain all controls as noted in this plan to limit introduction of pollutants into the watershed.
- d. An approved plan set is included as part of this plan to describe the Erosion and Sediment controls planned to be used on this site. The plan set shows the location of the various controls within the site.
- e. The Construction Sequence is found on the plans.

### CONSTRUCTION SEQUENCE (PHASE I)

- f. Potential pollution sources include sediments from denuded areas, litter, construction debris, asphalt, fuel, fueling spillage, maintenance of construction equipment, rupture of hydraulic hoses, or other equipment failures, sanitary or solid wastes from construction activities. A list of potential pollutants is included in Table 1.
- g. Refer to the approved plan and mark-ups thereon (attached) for the following information, unless otherwise noted:
  1. Approximate elevations anticipated after major grading activities. Direction of stormwater flow is perpendicular to proposed contours.
  2. Areas of soil disturbance and areas of the site which will not be disturbed.
  3. The location of major structural and non-structural erosion controls, including those that will be permanent controls that will remain after construction activities have been completed.
  4. The location of areas where stabilization practices are to occur.

5. Any surface water bodies.
6. Any locations where storm water is discharged to surface water.
7. Any locations of off-site material, waste, borrow or equipment storage areas.
8. Areas of final stabilization will be noted in the on-site plans as construction progresses and certain areas are stabilized.

**Table 1 - Potential Construction Site Storm Water Pollutants**

<b>Trade Name Material</b>	<b>Chemical/Physical Description</b>	<b>Storm Water Pollutants</b>
Fertilizer	Liquid or solid grains	Nitrogen, phosphorous
Cleaning solvents	Colorless, blue, or yellow-green liquid	Perchloroethylene, methylene chloride, trichloroethylene, petroleum distillates
Asphalt	Black solid	Oil, petroleum distillates
Concrete	White solid	Limestone, sand
Glue, adhesives	White or yellow liquid	Polymers, epoxies
Paints	Various colored liquid	Metal oxides, Stoddard solvent, talc, calcium carbonate, arsenic
Wastewater from construction equipment washing	Water	Soil, oil & grease, solids
Wood preservatives	Clear amber or dark brown liquid	Stoddard solvent, petroleum distillates, arsenic, copper, chromium
Hydraulic oil/fluids	Brown oily petroleum hydrocarbon	Mineral oil
Gasoline	Colorless, pale brown or pink petroleum hydrocarbon	Benzene, ethyl benzene, toluene, xylene, MTBE
Diesel Fuel	Clear, blue-green to yellow liquid	Petroleum distillate, oil & grease, naphthalene, xylenes
Antifreeze/coolant	Clear green/yellow liquid	Ethylene glycol, propylene glycol, heavy metals (copper, lead, zinc)
Erosion	Solid Particles	Soil, Sediment

**2. CONTROLS TO REDUCE POLLUTANTS**

The erosion and sediment controls required for the site include: inlet protection, silt fence, and temporary and permanent seeding.

Potential pollutant sources from construction activities are listed below in Table 2.

**Table 2 - Locations of Potential Sources of Storm Water Contamination**

<b>Potential Storm Water Contamination Location</b>	<b>Potential Pollutants</b>	<b>Potential Problem</b>
Clearing, Grubbing and Graded Areas	Soil erosion, fertilizer, pesticides	Erosion of soils from cleared and graded areas have the potential of being discharged into the roadside swale, ditches, streams or bay.
Excavation Areas	Cleaning solvents, concrete, hydraulic fluid, oil, gasoline, paint, antifreeze, soil erosion, fertilizer, pesticides, glue adhesives	Spills of cleaning solvents, PVC pipe solvents, leaking hydraulic fluid, oil and antifreeze from construction equipment, gasoline and diesel fuel spills during refueling of construction equipment, erosion of exposed and stockpiled soils, and trash can potentially contaminate storm water.
Construction site entrance(s)	Hydraulic oil, gasoline, antifreeze, soil erosion	Leaking hydraulic oil and antifreeze from clearing, grading. Fuel spills while fueling construction equipment, and erosion of exposed soils. Tracking soil into the road through the construction site entrance.
Storm Sewer Inlets	Paint, soil, hydraulic oil, gasoline, concrete, fertilizer, cleaning solvents	Paint and solvents from cleaning brushes, buckets and other painting supplies. Soil from pumping out flooded areas, hydraulic oil and gasoline from leaking vehicles.

**a. Erosion and Sediment Controls**

**1. Stabilization Practices**

The contractor shall ensure that existing vegetation is preserved where attainable and that disturbed portions of the site are stabilized according to the requirements herein and in the approved Site Plans. Stabilization practices for this site include temporary and permanent seeding. Use of impervious surfaces for stabilization will be avoided.

(a) A Journal of Major Activities is included in Appendix A. This form is to be maintained by the SWPPP Inspector to record the dates of major grading activities, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated.

(b) Permanent or temporary soil stabilization measures shall be applied to denuded areas within

seven days after final grade is reached on any portion of the site. Temporary soil stabilization shall be applied within 7 days to denuded areas that may not be at final grade, but will remain dormant for longer than 15 days. Permanent stabilization shall be applied to areas that are to be left dormant for more than one year.

- (c) If the initiation of stabilization measures are temporarily or permanently ceased by snow cover or frozen ground conditions, stabilization measures shall be initiated as soon as practicable.
- (d) Where construction activity on a portion of the site is temporarily ceased, and earth disturbing activities will be resumed within 15 days, temporary stabilization measures do not have to be initiated on that portion of the site.
- (e) In drought-stricken areas where initiating perennial vegetative stabilization measures is not possible within seven days after construction activity has temporarily or permanently ceased, final vegetative stabilization measures shall be initiated as soon as practicable.

## **b. Management Practices**

1. All erosion and sediment control measures will be selected, installed, and maintained in accordance with manufacturer specifications and good engineering practices. If regular inspections or other information indicates that a control has been used inappropriately or incorrectly, the contractor must replace or modify the control for site situations as soon as practicable.
2. If sediment escapes the construction site, off-site accumulations of sediment will be removed as soon as practicable to minimize off-site impacts. If approval by a plan-approving authority is necessary, control measures shall be implemented to minimize pollutants in stormwater discharges until such approvals can be obtained.
3. Litter, construction debris, and construction chemicals exposed to storm water will be prevented from becoming a pollutant source in storm water discharges.

## **h. Other Controls**

Good housekeeping and spill control practices will be followed during construction to minimize storm water contamination from petroleum products, fertilizers, concrete, and other pollutants. Good housekeeping practices are listed below.

### **Solid Waste**

- All waste materials, trash and/or construction debris from the entire project site will be collected and disposed of by the contractor.

### **Paint**

- All paint containers and curing compounds will be tightly sealed and stored when not required for use. Excess paint will not be discharged to the storm water system, but will be properly disposed of according to the manufacturer's instructions, and/or local city or county regulations.

- Paint spray guns and sealants/caulking compounds will be mixed and related equipment cleaned on a removable tarp or disposable plastic sheeting of 4 ml or greater thickness.

### **Fertilizers**

- Fertilizers will be applied to turf only in the minimum amounts recommended by the manufacturer.
- Fertilizers will be stored in a covered location and partially used bags will be stored in waterproof containers to avoid spills.

### **Hazardous Materials**

- All vehicles on site will be monitored for leaks and receive regular preventive maintenance to reduce the chance of leakage.
- Materials and equipment necessary for spill cleanup may be kept in a temporary material storage trailer or shed. Equipment may include, but not be limited to, brooms, dust pans, mops, rags, gloves.
- All spills of hazardous materials will be cleaned up immediately upon discovery. Spills large enough to reach the storm water system will be reported to the National Response Virginia Department of Environmental Quality Water Division Center at 1-800-424-8802.

### **Sanitary**

- All sanitary waste should be collected by a sanitary waste management contractor from the portable units as necessary to prevent overfilling.
- Portable sanitary facilities will be provided on-site and all construction personnel will be required to use the facilities. These facilities will be placed in locations that minimize risk of tipping and/or direct access into storm drains should a leak occur.

### **Petroleum**

- Petroleum products will be stored in tightly sealed containers that are clearly labeled with their contents. Fuel tanks will be placed within secondary containment.
- The Virginia Department of Environmental Quality's Storage Tank Technical Manual DEQ Guidance Document #01-2024, Third Edition states that "any person discharging or causing or permitting the discharge of oil into or upon state waters, lands, or storm drain systems must immediately, upon learning of the discharge, notify the board (DEQ), the director or coordinator of emergency services appointed pursuant to §44-146.19 for the political subdivision within which the discharge occurs.... Notification is deemed to have been given for any discharge of oil from a facility to state lands in amounts of less than 25 gallons as long as the record keeping requirements of subsection C have been met and the oil has been cleaned up."
- All records, including Books, papers, and documents regarding spill events should be made available on-site.



- Petroleum spills which meet the reportable limit will be reported to the National Response Virginia Department of Environmental Quality Water Division Center at 1-800-424-8802. Reportable petroleum spills include:

- Spills of 25 gallons or greater, or
- Spills which leave a sheen or film on surface water, and/or adjoining shoreline, or
- Spills which cause a sludge or emulsion to be deposited beneath the water surface and/or adjoining shoreline.

Notification will require the following information if available:

- A description of the nature and location of the discharge;
- The cause of the discharge;
- The date on which the discharge occurred;
- The length of time that the discharge continued;
- The volume of the discharge;
- If the discharge is continuing, how long it is expected to continue;
- If the discharge is ongoing, what the expected total volume of the discharge will be; and
- Any steps planned or taken to reduce eliminate and prevent a recurrence of the present discharge or any future discharges not authorized by the General Permit.

Where a release enters a municipal separate storm sewer system (MS4), the permittee shall also notify the owner of the MS4.

No other pollutant sources are expected on this project site. If any other potential pollution sources become evident onsite, the attached Site Plans will be marked accordingly.

#### **i. Applicable State or Local Programs**

The measures as stated in this SWPPP will be consistent with the current City of Norfolk Code Regarding Erosion and Sediment Control. The SWPPP will be updated as necessary to reflect any revisions to the applicable state or local requirements for soil and erosion control.

### **3. MAINTENANCE OF CONTROLS**

- a. Erosion and sediment control measures, temporary and permanent vegetative stabilization, and other protective measures shall be maintained in accordance with the notes and specifications as shown in the Site Plan and as required by the VSMP regulations. These measures, along with the regular inspections outlined in Section 4 below, will be performed in order to keep vegetation, erosion and sediment control measures, and other protective measures in good and effective operating conditions. If the site inspections required in Section 4 below identify BMPs that are not operating effectively, maintenance shall be performed before the next anticipated storm event, or as soon as practicable to maintain the continued effectiveness of storm water controls. If the site inspections or other information indicates that a control has been used inappropriately or incorrectly, the permittee must replace or modify the control for site situations as soon as practicable.
- b. If existing BMPs need to be modified or if additional BMPs are necessary for any reason, implementation shall be completed before the next anticipated storm event. If implementation

before the next anticipated storm event is impracticable, the situation shall be documented in the SWPPP and alternative BMPs shall be implemented as soon as practicable.

- c. Sediment will be removed from sediment traps or sedimentation ponds when design capacity has been reduced by 25%.
- d. Sediment will be removed from all other Erosion and Sediment controls (including silt fence and inlet protections) when design capacity has been reduced by 50%.

#### **4. INSPECTIONS**

Inspections by qualified personnel will be conducted of all areas on the site disturbed by construction activity, off-site areas covered by the permit, and areas used for storage of materials that are exposed to precipitation, but does not need to include areas identified pursuant to Section II A 5, which are finally stabilized areas. "Qualified personnel" will be a person knowledgeable in the principles and practice of erosion and sediment controls, such as a licensed professional engineer, responsible land disturber (RLD), or other knowledgeable person who possesses the skills to assess conditions at the construction site that could impact storm water quality, and to assess the effectiveness of any sediment and erosion control measures selected to control the quality of storm water discharges from the construction activity.

- a. Inspections will be conducted at least once every 14 calendar days and within 48 hours of the end of any runoff-producing storm event or once every 7 calendar days. Where areas have been temporarily stabilized or runoff is unlikely due to winter conditions, such inspections shall be conducted at least once every month.
- b. Inspectors will look for evidence of, or the potential for, pollutants entering the storm water conveyance system. Erosion and sediment control measures identified in this SWPPP (and attachments) shall be inspected for proper installation, maintenance, and operation. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in minimizing impacts to receiving waters. Where discharge locations are inaccessible, nearby downstream locations will be inspected to the extent that such inspections are practicable. Locations where vehicles enter or exit the site shall be inspected for evidence of offsite sediment tracking.
- c. Construction activities limiting access of inspection personnel is not expected to occur on this site.
- d. Based on the results of the inspection, the site and activity described in Section 1 and pollution prevention measures identified in Section 2 shall be revised as appropriate within 7 calendar days following the inspection.
- e. A report summarizing the scope of the inspection, the names and qualifications of personnel making the inspection, the dates of the inspection, major observations relating to the implementation of the SWPPP, and actions taken in accordance with Section 4d of this plan (Part II D 4 d of the permit) shall be made and retained as part of the SWPPP in accordance with Part III B of the permit. Major observations will include:
  - 1. The location(s) of discharges of sediment or other pollutants from the site;
  - 2. Location(s) of control measures that need to be maintained;

3. Locations(s) of control measures that failed to operate as designed or proved inadequate for a particular location;
4. Location(s) where additional control measures are needed that did not exist at the time of inspection;
5. Corrective action required including any changes to the SWPPP that are necessary and implementation dates;
6. An estimate of the amount of rainfall at the construction site (in inches) from the runoff producing storm event requiring the inspection, or if inspecting on a seven-day schedule, the amount of rainfall (in inches) since the previous inspection; and
7. Weather information and a description of any discharges occurring at the time of inspection.

A record of each inspection and of any actions taken in accordance with Section II must be retained by the operator as part of the SWPPP for at least three (3) years from the date that permit coverage expires or is terminated. The inspection reports will identify any incidents of noncompliance. Where a report does not identify any incidents of noncompliance, the report will contain a certification that the facility is in compliance with this SWPPP and the permit. The report will be signed in accordance with Part III K of the permit.

If the site inspections identify BMPs that are not operating effectively, maintenance shall be performed before the next anticipated storm event, or as soon as practicable to maintain the continued effectiveness of storm water controls. If the site inspections or other information indicates that a control has been used inappropriately or incorrectly, the permittee must replace or modify the control for site situations as soon as practicable.

## **5. NON-STORM WATER DISCHARGE MANAGEMENT**

The following non-storm water discharges are allowable and can be combined with storm water discharges from the construction activity at this site. However, in the case where these non-storm water discharges are combined with storm water discharges, appropriate pollution prevention measures must be implemented.

- a. Discharges from fire fighting activities.
- b. Fire hydrant flushing.
- c. Waters used to wash vehicles where detergents are not used. Vehicles will be washed at the construction entrance installed in accordance with Std. & Spec. 3.02 of the Virginia Erosion and Sediment Control Handbook.
- d. Water used to control dust. Methods and materials outlined in Std. & Spec. 3.39 of the Virginia Erosion and Sediment Control Handbook will be used to reduce dust.
- e. Potable water sources, including uncontaminated waterline flushings.
- f. Routine external building wash down which does not use detergents.

- g. Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled material has been removed) and where detergents are not used. Pavement will be cleaned by hand shoveling and sweeping and inlet protection will be installed prior to washing.
- h. Uncontaminated air conditioning or compressor condensate.
- i. Uncontaminated ground water or spring water.
- j. Foundation or footing drains where flows are not contaminated with process materials such as solvents.
- k. Uncontaminated excavation dewatering.
- l. Landscape irrigation.

## **6. MAINTAINING AND UPDATING THE SWPPP**

- a. The permittee shall amend the SWPPP whenever there is a change in design, construction, operation, or maintenance that has a significant effect on the discharge of pollutants to surface waters and that has not been previously addressed in the SWPPP.
- b. The SWPPP must be amended if during inspections or investigations by site staff, or by local, state or federal officials, it is determined that the discharges are causing water quality exceedances, or the SWPPP is ineffective in eliminating or significantly minimizing pollutants in stormwater discharges from the construction site.
- c. Based on the results of an inspection, the SWPPP must be modified as necessary to include additional or modified BMPs designed to correct problems identified. Revisions to the SWPPP should be completed at the time of the inspection but no later than seven calendar days following the inspection.
- d. The SWPPP must clearly identify for each measure identified in the plan, the contractor(s) or subcontractor(s) that will implement the measure. The SWPPP shall be amended to identify any new contractor that will implement a measure of the plan. The General Contractor will be identified in section 7 below. For any subcontractors responsible for implementing portions of this SWPPP a sub contractor information form will be filled out and stored with the SWPPP. A subcontractor form can be found in the forms section.
- e. All amendments to the SWPPP must be signed and dated by the Operator or a duly authorized representative.

**7. CERTIFICATIONS and SIGNATURES**

**I. OPERATOR’S CERTIFICATION STATEMENT**

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 imprisonment for knowing violations.

Operator (Company): Excel Paving Corporation

Representative (Name): Eric Markowski

Signature: Eric Markowski Date: 9/25/12

Title: Project Manager / RLD (VA)

**II. CONTRACTOR’S IDENTIFICATION**

**For compliance with the VSMP Permit, Stormwater Pollution Prevention Plan, and Erosion and Sediment Control Plans**

The General Contractor must be listed below pursuant to 4 VAC 50-60-1170 Section II C.4. The General Contractor is responsible for compliance with this Storm Water Pollution Prevention Plan, the VSMP General Permit requirements, and the Erosion and Sediment Control Plan for each and every contracted phase of this construction activity, and remains responsible for each phase not yet accepted by the owner as complete, and until all disturbed areas are stabilized to the satisfaction of the Virginia Department of Transportation. The responsibilities in this SWPPP include the construction maintenance and onsite erosion and sediment control measures for all contracted work.

Duly recognized by: \_\_\_\_\_  
Excel Paving Corporation Date

**Responsibilities: Compliance with the Stormwater Pollution Prevention Plan and Erosion and Sediment Control Plans.**

Contractor: Excel Paving Corporation

Representative: Eric Markowski

Address: 1132 Harmony Road, Norfolk, VA 23502

Telephone: 757-466-1855

# CONTRACTOR CERTIFICATIONS

Intersection Improvements at S. Rosemont Road & Lynnhaven Parkway  
Virginia Beach, Virginia

The Contractor and subcontractor(s) that will implement the pollutant control measures described in the SWPPP must be identified below. Each must sign a statement certifying that they understand the VSMP general permit authorizing storm water discharges during construction. These statements must be maintained in the SWPPP file on site.

Contractor or subcontractor implementing the SWPPP:

**Excel Paving Corporation**

Business Name

1132 Harmony Road

Business Address  
Norfolk, VA 23502

757-466-5122

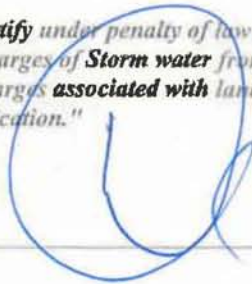
Business Telephone Number

Activities contractor or subcontractor responsible for:  
General Contractor / Paving & related activities

CERTIFICATION:

*"I certify under penalty of law that I understand the terms and conditions of the VSMP General Permit for Discharges of Storm water from Construction Activities (VAR 10) and the SWPPP that authorizes storm water discharges associated with land disturbing activities from the construction site identified as part of this certification."*

Signature



9/12/12

Date

Jesse W. Thompson, Jr.

Printed Name

Intersection Improvements at S. Rosemont Road & Lynnhaven Parkway, CIP@ 2.190.005

Storm Water Pollution Prevention Plan

## CONTRACTOR CERTIFICATIONS

Intersection Improvements at S. Rosemont Road & Lynnhaven Parkway  
Virginia Beach, Virginia

The Contractor and subcontractor(s) that will implement the pollutant control measures described in the SWPPP must be identified below. Each must sign a statement certifying that they understand the VSMP general permit authorizing storm water discharges during construction. These statements must be maintained in the SWPPP file on site.

Contractor or subcontractor implementing the SWPPP:

American Road Markings LLC.

Business Name

3002 Arizona Avenue

Business Address

Norfolk VA 23513

757-857-0734

Business Telephone Number

Activities contractor or subcontractor responsible for:

ERadication, Pavement Markings

CERTIFICATION:

*"I certify under penalty of law that I understand the terms and conditions of the VSMP General Permit for Discharges of Storm water from Construction Activities (VAR 10) and the SWPPP that authorizes storm water discharges associated with land disturbing activities from the construction site identified as part of this certification."*

Signature



9/12/12

Date

JAMIE F. PARKER V.P.

Printed Name

Intersection Improvements at S. Rosemont Road & Lynnhaven Parkway, CIP@ 2.190.005

Storm Water Pollution Prevention Plan



## CONTRACTOR CERTIFICATIONS

Intersection Improvements at S. Rosemont Road & Lynnhaven Parkway  
Virginia Beach, Virginia

The Contractor and subcontractor(s) that will implement the pollutant control measures described in the SWPPP must be identified below. Each must sign a statement certifying that they understand the VSMP general permit authorizing storm water discharges during construction. These statements must be maintained in the SWPPP file on site.

Contractor or subcontractor implementing the SWPPP:

E. H. Ives Corporation

Business Name

2115 Springfield Avenue

Business Address

Norfolk, VA 23523

(757) 543-1444

Business Telephone Number

Activities contractor or subcontractor responsible for:

*Electrical*

### CERTIFICATION:

*"I certify under penalty of law that I understand the terms and conditions of the VSMP General Permit for Discharges of Storm water from Construction Activities (VAR 10) and the SWPPP that authorizes storm water discharges associated with land disturbing activities from the construction site identified as part of this certification."*



Signature

9/11/2012

Date

Robert Hurst, President

Printed Name

Intersection Improvements at S. Rosemont Road & Lynnhaven Parkway, CIP@ 2.190.005

Storm Water Pollution Prevention Plan



# CONTRACTOR CERTIFICATIONS

Intersection Improvements at S. Rosemont Road & Lynnhaven Parkway  
Virginia Beach, Virginia

The Contractor and subcontractor(s) that will implement the pollutant control measures described in the SWPPP must be identified below. Each must sign a statement certifying that they understand the VSMP general permit authorizing storm water discharges during construction. These statements must be maintained in the SWPPP file on site.

Contractor or subcontractor implementing the SWPPP:

Labroc Concrete Inc  
Business Name

3118 Indian River Rd  
Business Address  
Chesapeake, Va 23325

757-328-2599  
Business Telephone Number

Activities contractor or subcontractor responsible for:

Concrete

## CERTIFICATION:

*"I certify under penalty of law that I understand the terms and conditions of the VSMP General Permit for Discharges of Storm water from Construction Activities (VAR 10) and the SWPPP that authorizes storm water discharges associated with land disturbing activities from the construction site identified as part of this certification."*

  
Signature

09-04-12  
Date

CHAD V ELLIOTT  
Printed Name

Intersection Improvements at S. Rosemont Road & Lynnhaven Parkway, CIP@ 2.190.005

Storm Water Pollution Prevention Plan

# CONTRACTOR CERTIFICATIONS

Intersection Improvements at S. Rosemont Road & Lynnhaven Parkway  
Virginia Beach, Virginia

The Contractor and subcontractor(s) that will implement the pollutant control measures described in the SWPPP must be identified below. Each must sign a statement certifying that they understand the VSMP general permit authorizing storm water discharges during construction. These statements must be maintained in the SWPPP file on site.

Contractor or subcontractor implementing the SWPPP:

**Trinity Construction Services**

Business Name

1132 Harmony Rd

Business Address  
Norfolk, VA 23502

757-455-8660

Business Telephone Number

Activities contractor or subcontractor responsible for:

Flexible Pavement Planning

CERTIFICATION:

*"I certify under penalty of law that I understand the terms and conditions of the VSMP General Permit for Discharges of Storm water from Construction Activities (VAR 10) and the SWPPP that authorizes storm water discharges associated with land disturbing activities from the construction site identified as part of this certification."*

  
Signature

9/11/12

Date

Preston A. Thomas, President

Printed Name

Intersection Improvements at S. Rosemont Road & Lynnhaven Parkway, CIP@ 2.190.005

Storm Water Pollution Prevention Plan

# **Appendix A**

## **Forms**

# **OPERATORS QUICK REFERENCE GUIDE**

FOR

## **STORM WATER POLLUTION PREVENTION PLAN**

### **RESPONSIBILITIES OF THE OPERATOR:**

1. Have SWPPP on-site and available for review. SWPPP shall include the permit, registration statement, acknowledgement letter from DCR, and a record of all inspection forms.
2. Sign the Owners Certification and designate duly authorized individuals to perform inspections and update the SWPPP.
3. Identify the Contractor in the SWPPP, and any subcontractor responsible for implementing the SWPPP.
4. A sign or notice, containing the following information, must be posted conspicuously at a publicly accessible location near an active part of the project:
  - a. A copy of the permit coverage letter
  - b. The internet address where a copy of the SWPPP may be found or the location of a hard copy of the SWPPP and contact information for viewing.
5. Perform regular inspections, as specified in the SWPPP.
6. Correct any deficiencies identified in the Inspection Report prior to the next anticipated storm event.
7. Keep a regularly updated journal of major activities, including construction site grading phasing as it occurs, and areas that have been finally stabilized.
8. Update the SWPPP as necessary for field conditions and/or plan changes, or as required by regulatory authorities.
9. Sign and date all updates/revisions to the SWPPP.
10. Upon completion of the contracted work and final stabilization, the contractor shall complete and submit form LD-445E certifying that all contracted work and stabilization has been completed in accordance with the provisions of the SWPPP.



**VSMP General Permit for Discharges of Stormwater from Construction Activities (VAR10)  
 Registration Statement**

(Please Type or Print All Information)

1. **Construction Activity Operator** (The permit will be issued to this operator, and the Certification in Item #13 must be signed by the appropriate person associated with this operator [see the instructions])

Name: City of Virginia Beach

Mailing Address: Municipal Building 2,2405 Carthouse Drive

City: Virginia Beach State: VA Zip: 23456 Phone: 757-385-4131

2. (Must be included for renewals of coverage only) Existing Permit Coverage #: \_\_\_\_\_

3. **Location of Construction Activity**

Name: Intersection Improvements at South Rosemont Road & Lynnhaven Pkwy.

Address: South Rosemont Road & Lynnhaven Parkway

Town, City, County: Virginia Beach State: VA Zip: 23453

Decimal degrees to the nearest 15 seconds: Latitude 36°47'44" N Longitude 76°5'55" W

Location of all Offsite Support Activities to be Covered Under the Permit

Name: N/A

Address: \_\_\_\_\_

Town, City, or County: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

If street address unavailable: Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

4. **Status of Activity:** Federal  State  Public  Private  (Check one only)

5. **The Nature of the Construction Activity** (e.g., commercial, industrial, residential, agricultural, oil and gas, etc.):

Infrastructure - Road

6. **Name of the Receiving Water(s):** North Landing River

Hydrologic Unit Code (HUC): 3010205 0

(Receiving waters identified as impaired on the 305(b)/303(d) Water Quality Assessment Integrated Report or for which a TMDL WLA has been established for stormwater discharges from a construction site shall be noted in an attached list.)

7. If the discharge is through a Municipal Separate Storm Sewer System (MS4), the name of the municipal operator of the storm sewer: Virginia Beach

8. Estimated Project Start Date (mm/dd/yyyy): \_\_\_\_\_ Estimated Project Completion Date (mm/dd/yyyy): \_\_\_\_\_

9. Total Land Area of Development (to the nearest one-tenth acre): 1/5.1 acres

Estimated Area to be Disturbed (to the nearest one-tenth acre): 1/1.6 acres

10. Is the area to be disturbed by the construction activity part of a larger common plan of development or sale? Yes  No

11. Are nutrient offsets intended to be acquired for this activity? Yes  No  Under consideration

12. A stormwater pollution prevention plan (SWPPP) must be prepared in accordance with the requirements of the General VSMP Permit for Discharges of Stormwater from Construction Activities prior to submitting this Registration Statement. By signing this Registration Statement the operator is certifying that the SWPPP has been prepared.

13. **Certification:** "I certify under penalty of law that I have read and understand this Registration Statement 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."

Print Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

(Please sign in INK. The person signing this form must be authorized to sign on behalf the operator identified in Item #1 above.)

Mail to: Department of Conservation and Recreation, Stormwater Permitting, 203 Governor Street, Suite 206 Richmond, VA 23219



Department of Conservation & Recreation  
 CONSERVING VIRGINIA'S NATURAL & RECREATIONAL RESOURCES

**DEPARTMENT OF CONSERVATION AND RECREATION PERMIT FEE FORM**

**Instructions:**

Applicants for an individual Virginia Stormwater Management Program (VSMP) Permit are required to pay permit application fees. Fees are also required for registration coverage under General Permits. Fees must be paid when applications for permit issuance or modification are submitted. Applications will be considered incomplete if the proper fee is not paid and will not be processed until the fee is received.

The permit fee schedule is included with this form. Fees for permit issuance, reissuance, modification and maintenance are included. Once you have determined the fee for the type of application you are submitting, complete this form. The original copy of the form and your check or money order payable to "Treasurer of Virginia" should be mailed to:

Department of Conservation and Recreation  
 Division of Finance, Accounts Payable  
 203 Governor Street, 4<sup>th</sup> Floor  
 Richmond, Virginia 23219

A copy of the form and a copy of your check or money order should accompany the permit registration statement (application). You should retain a copy for your records. Please direct any questions regarding this form or fee payment to [SWMESquestions@dcr.virginia.gov](mailto:SWMESquestions@dcr.virginia.gov).

**Construction Activity Operator:**

Name: City of Virginia Beach FIN: \_\_\_\_\_

Mailing Address: Municipal Building 2, 2405 Courthouse Drive

City: Virginia Beach State: VA Zip: 23456 Phone: 757-385-4131

Daytime Phone Number: (757) 385 - 4131

**Name and Location of Construction Activity:**

Name: Intersection Improvements at South Rosemont Rd + Lynnhaven Pkwy

Town, City, or County: Virginia Beach

**Type of VSMP Permit (from Fee Schedule):**




MS4 Individual Permit       MS4 General Permit  
 Construction Individual Permit       Construction General Permit



Type of Action:  New Issuance       Reissuance  
 Modification       Maintenance

Amount of Fee Submitted (from Fee Schedule): \$ 200

Existing Permit Number (if applicable): N/A

FOR DCR USE ONLY	
Date: _____	DC #: _____



	<p><b>COMMONWEALTH OF VIRGINIA</b> Soil and Water Conservation Board 203 Governor Street, Suite 206, Richmond, Virginia 23219 Telephone (804) 786-2064</p>	
<p><b>EROSION AND SEDIMENT CONTROL RESPONSIBLE LAND DISTURBER</b></p>		
<p>Expires 12/13/2014</p>	<p><b>Alvin A Armstrong, Jr.</b></p>	<p>Certificate Number 36862</p>
 <small>Department of Conservation &amp; Recreation COMMONWEALTH OF VIRGINIA</small>		<p><i>Jack E. Frye</i> Director Division of Soil &amp; Water Conservation</p>

	<p><b>COMMONWEALTH OF VIRGINIA</b> Soil and Water Conservation Board 203 Governor Street, Suite 206 Richmond, Virginia 23219 Telephone (804) 786-2064</p>	
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 Soil and Water Conservation Board  
 203 Governor Street, Suite 206, Richmond,  
 Virginia 23219  
 Telephone (804) 786-2064



**EROSION AND SEDIMENT CONTROL  
 RESPONSIBLE LAND DISTURBER**

Expires **10/29/2013**      **Eric J Markowski**      Certificate Number **34725**

 **DCR**  
Department of Transportation & Construction  
 111 North Boulevard, Suite 200, Norfolk, VA 23510

*Jack E. Frye*  
 Director  
 Division of Soil & Water Conservation

**COMMONWEALTH OF VIRGINIA**  
 Soil and Water Conservation Board  
 203 Governor Street, Suite 206  
 Richmond, Virginia 23219  
 Telephone (804) 786-2064

**EROSION AND SEDIMENT CONTROL  
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Expires **10/29/2013**      **Eric J Markowski**      Certificate **34725**